

PEERLESS® BOILERS

TRADE PRICE LIST

EFFECTIVE JUNE 1, 2017

P-17



PeerlessBoilers.com



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Please order with code number.

Trade prices shown herein are suggested prices and supersede any previous price lists. The prices are not intended to reflect market prices prevailing in any particular locality. All prices quoted are in U.S. dollars. This price list is solely for the convenience of PB Heat, LLC representatives, distributors and their customers.

PB Heat, LLC reserves the right to make changes at any time without notice.



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Product Selection Guide

GAS/OIL BOILERS

	Series	Water/Steam	Ignition System	Vent Damper	Venting	Natural/Liquefied Petroleum	AFUE Efficiency Range (%)	Net MBH	
GAS	PUREFIRE (50/80/110/140/200/210)	Water	Direct Spark	No	Direct Vent***	Yes	95.0 – 95.1	40 to 168	
	PUREFIRE (300/399)	Water	Direct Spark	No	Direct Vent***	Yes	95.2 – 96.5**	252 to 330	
	PUREFIRE (460/850/1000/1500)	Water	Direct Spark	No	Direct Vent***	Yes	96.2 – 96.6**	381 to 1259	
	Cast 92-2	Water	Direct Spark	No	Direct Vent*	Yes	90.0	148	
	Cast 92-4	Water	Direct Spark	No	Direct Vent*	Yes	92.7**	322	
	MI85	Water	Spark Pilot	Yes	Category II	Nat. Only	85.0 – 85.1	48 to 119	
	MIH II	Water	Spark Pilot	Yes	Masonry Chimney or B-Vent	Nat. Only	84.0 – 84.1	44 to 111	
	MI	Water	Spark Pilot	Yes	Masonry Chimney or B-Vent	Yes	82.0 – 82.2	50 to 183	
	DE	Water	Spark Pilot	No	Fan Assisted Through-the-wall* or Vertical Masonry Chimney or B-Vent	Yes	82.0 – 82.1	50 to 118	
	PSC II	Water	Spark Pilot	No	Direct Vent*	Yes	85.0 – 86.0	49 to 111	
	63	Steam or Water	Spark Pilot		Yes	Masonry Chimney or B-Vent	Yes	82.0 – 83.0	56 to 179
					Yes	Masonry Chimney or B-Vent	Yes	82.4 – 83.5	63 to 210
	64	Steam or Water	Spark Pilot		Optional	Masonry Chimney or B-Vent	Yes	79.4 – 79.9**	206 to 380
					Optional	Masonry Chimney or B-Vent	Yes	81.0**	243 to 445
	GM (05-06)	Water	Spark Pilot	Yes	Masonry Chimney or B-Vent	Yes	82.1 – 82.8	163 to 207	
	GM (07-08)	Water	Spark Pilot	Optional	Masonry Chimney or B-Vent	Yes	80.3**	239 to 278	
211A	Steam	Spark Pilot	No	Masonry Chimney or B-Vent	Yes	77.1 – 78.2**	356 to 5,738		
	Series	Water/Steam	Combustion	Vent Damper	Venting	Oil/Gas Combination	AFUE Efficiency Range (%)	Net MBH	
OIL	WB90	Water	Two-Stage (Hi-Lo) Flame Retention Burner	No	Sidewall or Vertical Vent*****	Oil	90.0	70 to 182	
	WV-DV	Water	Flame Retention, Sealed Combustion Burner	No	Direct Vent****	Oil	84.1 – 86.7	80 to 137	
	WBV	Steam or Water	Flame Retention Burner	No	Masonry Chimney, Natural Draft	Oil	83.6 – 87.5	65 to 204	
	EC/ECT (03-05/200)	Steam or Water	Flame Retention Burner	No	Masonry Chimney, Natural Draft	Oil	82.9 – 86.6	68 to 210	
	EC/ECT (05/250-06)	Steam or Water	Flame Retention Burner	No	Masonry Chimney, Natural Draft	Oil	82.5 – 83.3**	209 to 302	
	SC/SCT	Steam or Water	Power Burner	No	Forced Draft	Oil/Gas Combination	80.9 – 83.8**	245 to 561	
	CC	Steam or Water	Power Burner	No	Forced Draft	Oil/Gas Combination	81.0 – 84.6**	231 to 1,522	
	LC/LCE ¹	Steam or Water	Power Burner	No	Forced Draft	Oil/Gas Combination	79.8 – 83.9**	410 to 2,932	
	TC II	Steam or Water	Power Burner	No	Forced Draft	Oil/Gas Combination	81.4 – 85.8**	698 to 4,019	

DOMESTIC HOT WATER

Series	Water/Steam	Combustion	Vent Damper	Venting	Natural/Liquefied Petroleum	AFUE Efficiency Range (%)	Net MBH
PARTNER® (PT/PP)		Tank Size Range: 30 gl to 120 gl		First Hour Ratings Range: 111 gl/hr to 1,003 gl/hr			

*Through-the-wall venting and direct vent require use of 3" AL29-4C vent pipe specified in the Installation, Operation & Maintenance Manual.

**Thermal Efficiency

***Approved for use with PVC/CPVC Pipe

****Direct venting requires the use of double wall, flexible, insulated, stainless steel, lined vent pipe.

*****Requires the use of venting materials that are available from PB Heat suppliers.

1 LCE available as steam models only.



Boiler Ratings and Definitions

GAS/OIL BOILERS

AHRI Certified:

PB Heat, LLC is guaranteed to develop the printed AHRI ratings (Air Conditioning Heating & Refrigeration Institute) shown in these sheets when operated in accordance with manufacturers requirements.

AHRI ratings assure the proper sizing of cast iron boilers under specified test conditions and establish a standard procedure for determining boiler sizes through actual performance.

Gross output in B.T.U. per hour is the output at the boiler header.

The Net Ratings shown include allowance for normal piping and pick-up load, in accordance with BTS 2000 Testing Standard to determine efficiency of commercial heating boilers. Water ratings are based on a piping and pick-up allowance factor of 1.15. Steam ratings based on graduated factors in accordance with the standard. PB Heat, LLC should be consulted before selecting a boiler for gravity hot water installations and installations having unusual piping and pick-up requirements such as exposed piping, night shut-down, etc.

A.S.M.E.:

All Peerless® boilers are constructed in accordance with the requirements of A.S.M.E. (American Society of Mechanical Engineers).

Tankless Water Heaters:

Water heater ratings are based on intermittent demand—40°F. to 140°F. rise with 200° boiler water.

CAUTION: Water mixing valve should always be installed in the hot water supply to prevent injury.

PB Heat Agency Listing:

GAS

SERIES	TESTING LAB	REPORT NUMBER
PureFire	ETL	3146383CRT-001
MI85/MIHII/MI	ETL	3187878CRT-001
DE	ETL	3187879CRT-001
PSCII	ETL	3088970-002
63/64	ETL	100789896CRT-001
GM	ETL	100627656CRT-002
211A	ETL	100628558-002

OIL

SERIES	TESTING LAB	REPORT NUMBER
WB90	ETL	100846344-002
WV-DV	ETL	3027380-003
WBV/WV	ETL	3070835-003
EC/ECT	ETL	3070826-003
SC/SCT	ETL	102167637CRT-003
CC	CSA	1090802
LC/LCE	ETL	102167637CRT-004
TCII	CSA	1379907 (102104)



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GAS BOILERS

Background Information on Venting:

The choice of venting materials and methods of installation of venting systems are dependent on the operating characteristics of the gas boiler. The operating characteristics of a vented gas boiler can be categorized with respect to positive or negative pressure within the venting system and whether or not the boiler generates vent gases that may condense in the venting system.

Gas boilers are divided into four categories based on the pressure produced in the vent and the flue loss.

The definitions for these gas boiler categories are as follows:

Category I

A boiler that operates with a negative vent pressure and with a vent gas temperature that avoids excessive condensate production in the vent.

Category II

A boiler that operates with a negative vent pressure and with a vent gas temperature that may cause excessive condensate production in the vent.

Category III

A boiler that operates with a positive vent pressure and with a vent gas temperature that avoids excessive condensate production in the vent.

Category IV

A boiler that operates with a positive vent pressure and with a vent gas temperature that may cause excessive condensate production in the vent.

Category I vent materials (Type B, or single wall galvanized) are not acceptable for use in other categories even if they have been modified by tape or sealant.

Boilers designed to vent horizontally through a side wall should be assumed to be either Category III or IV.

Atmospheric Gas Fired Boilers:

All listed ratings are applicable for elevations up to 2,000 feet above sea level. For elevations above 2,000 feet, all ratings should be reduced at the rate of 4 percent for each 1,000 feet above sea level.

Choosing Your Gas Boiler



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PUREFIRE®

HIGH EFFICIENCY GAS-FIRED CONDENSING BOILER

- Sealed Combustion Compact Residential and Commercial Boiler
- 95% Efficiency • Direct Vent • Spark Ignition • Natural or LP Gas
- Stainless Steel Construction • LoNOx

GAS-FIRED



Standard Equipment:

- The Most Thoroughly Tested High-Efficiency Boilers in the World
- Fully Equipped for Outdoor Reset Operation with Included Outdoor Sensor
- Multiple Temperature Operation with Domestic Hot Water Priority
- Condensate Neutralizer System with Float Switch
- One-Year Parts and Labor Warranty Included with Every Boiler*
- Dual Flame Sensors
- LCD Status Display in Plain English
- 120-Volt Courtesy Outlet
- Cascade Capable (up to 16 boilers)
- Wall Mounting Kit

- ASME-Rated Stainless Steel Heat Exchanger with 30 PSI Relief Valve
- Electrical Connections Located at the Top of the Boiler for Ease of Installation
- Boiler Switch Located on Boiler for Safety and Easy Access
- PVC Screened Air Intake and Flue Exhaust Terminals
- Leveling Legs to Insure Proper Installation and Condensate Removal
- Connections for Low Water Cut-Off
- High Temperature Vent Limit Switch
- Stainless Steel Modulating Burner
- System Test Settings for Manual Control of Firing Rate
- PVC/CPVC Boiler Vent Adapted Included

*One year labor warranty coverage will be purchased as long as boiler and service provider are registered with program administrator

SERIES PEERLESS® PUREFIRE® GAS BOILER RATINGS

Series Peerless® PUREFIRE® GAS						AHRI CERTIFIED® www.ahridirectory.org
Boiler Model	Input MBH		Heating Capacity ³ , MBH	Net Ratings Water ^{1,2} , MBH	AFUE ³ , %	
	Minimum	Maximum				
PF-50*	16	50	47	41	95.0	
PF-80*	20	80	75	65	95.0	
PF-110*	27.5	110	103	90	95.0	
PF-140*	35	140	131	114	95.0	
PF-200*	42	199	185	161	95.0	
PF-210*	42	210	195	170	95.1	
			Gross Output (MBH)	Net Rating (MBH)	Thermal Efficiency (%)	
PF-300	60	300	290	252	96.5	
PF-399	80	399	380	330	95.2	

*Note: As an ENERGY STAR® Partner, PB Heat has determined that these firing rates meet the ENERGY STAR guidelines for energy efficiency.

1 Net water ratings based on an allowance of 1.15.

2 Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

3 Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government test.

Note: See installation guide for proper installation instructions.

BURNER MODULATION

Boiler Model	Burner Input Modulation, MBH
PF-50	16 to 50
PF-80	20 to 80
PF-110	27.5 to 110
PF-140	35 to 140
PF-200	42 to 199
PF-210	42 to 210
PF-300	60 to 300
PF-399	80 to 399

Ordering Information:

Example: PF - 80 - N

Series Input

Natural Gas
(Substitute "LP" for LP Gas)

OPTIONAL EQUIPMENT TRADE PRICES

Code No.	Description	Trade Price
91400	Floor Mounted, Steel Stand – 26" W x 26" D x 17" to 31" H	\$258
54157	PP Domestic Water Tank Sensor	\$46
54478	PT Domestic Water Tank Sensor	\$35
54158	Amtrol Domestic Water Tank Sensor	\$28
51029	50 Psig Relief Valve	\$93
29001	LWCO HYDROLEVEL 650P	\$285
54156	System Sensor (for use in Cascade Operation ONLY)	\$46
54271	PF1 Interface Board Kit	\$211
6151	BACnet Gateway w/Panel Assembly	\$1,605
6152	LONWORKS Gateway w/Panel Assembly	\$1,605
54272	Low Loss Header Kit (PF-50 - 140)	\$677
91177	Conversion Kit w/Header*, PF-200 to PFW-200	\$437
91178	Conversion Kit w/Header*, PF-399 to PFW-399	\$502

*Piping Header Kit includes a Flow Switch

Five and ten-year Extended Warranties available; see page 112 for details.

For Additional PUREFIRE® Product Information:

See Product Catalog Literature for Complete Product Specifications.

SPARK IGNITION TRADE PRICES

Code No. N	Code No. LP	Series	Approx. Shipping Weight, lbs	Trade Price
0007001	0007011	PF-50	68	\$4,130
0007002	0007012	PF-80	88	\$4,259
0007003	0007013	PF-110	108	\$4,840
0007004	0007014	PF-140	118	\$5,678
0007025	0007026	PF-200	148	\$6,143
0007005	0007015	PF-210	148	\$6,143
0007041	0007061	PF-300	188	\$8,627
0007006	0007016	PF-399	188	\$11,569

CRATE DIMENSIONS

Boiler Model	Length	Width	Height
PF-50	21"	16"	36"
PF-80	21"	16"	36"
PF-110	21"	23"	36"
PF-140	21"	23"	36"
PF-200	21"	24"	48"
PF-210	21"	24"	48"
PF-300	25"	32"	50"
PF-399	25"	32"	50"

POLY-PROPYLENE VENTING*

Code No.	Description	Trade Price
54498	(3") Sidewall Vent Termination Kit – PolyPro 3PPS-HK	\$265
54499	(4") Sidewall Vent Termination Kit – PolyPro 4PPS-HK	\$323
54500	(3") Vertical Vent Termination Kit – PolyPro 3PPS-VK	\$260
54501	(4") Vertical Vent Termination Kit – PolyPro 4PPS-VK	\$403

*Please Note: Venting is not included in boiler price.



Concentric Vertical Vent Termination



Concentric Horizontal Vent Termination





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PUREFIRE® Commercial

HIGH EFFICIENCY CONDENSING COMMERCIAL GAS BOILERS

- Sealed Combustion Compact Commercial Boiler • 96.6% Efficiency
- Direct Vent • Spark Ignition • Natural or LP Gas
- Stainless Steel Construction • LoNOx
- Can accept up to 150 psi Pressure Relief Valve

GAS-FIRED



Standard Equipment:

- The Most Thoroughly Tested Boiler Series In The World
- Fully Equipped for Outdoor Reset Operation with Included Outdoor Sensor
- Multiple Temperature Operation with Domestic Hot Water Priority
- Condensate Neutralizer System with Float Switch
- One Year Parts and Labor Warranty Included with Every Boiler*
- Dual Flame Sensors
- LCD Status Display in Plain English
- 120 Volt Courtesy Outlet (PF-399)
- Cascade Capable
- Easy Access to all Electrical Connections
- ASME Rated Stainless Steel Heat Exchanger with 30 psi Relief Valve

- Boiler Switch Located on Boiler for Safety and Easy Access
- 5 to 1 Turndown (PF-399)
10 to 1 Turndown (PF-850, PF-1000 & PF-1500)
- Leveling Legs to Insure Proper Installation and Condensate Removal
- Connections for Low Water Cut-Off
- High Temperature Vent Limit Switch
- Allows Common Venting (PF-850, PF-1000 & PF-1500)
- System Test Settings for Manual Control of Firing Rate
- PVC/CPVC Boiler Vent Adapter Included
- Boiler Stacking Kit Included with Each Boiler (PF-850, PF-1000 & PF-1500)
- LP Conversion Kit Included with Every Boiler

*One year labor warranty coverage will be purchased as long as boiler and service provider are registered with our program administrator

SERIES PEERLESS® PUREFIRE® GAS BOILER RATINGS

Series Peerless® PUREFIRE® GAS									
Boiler Model	Input MBH				Gross Output		NET Water Ratings ¹		Thermal Efficiency ²
	Minimum		Maximum		MBH	kW	MBH	kW	%
	MBH	kW	MBH	kW					
PF-399	80	23.4	399	116.9	380	111.4	330	96.7	95.2
PF-460	92	26.9	460	138.8	438	128.4	381	111.7	95.2
PF-850	85	24.9	850	249.1	818	239.7	711	208.4	96.2
PF-1000	100	29.3	1,000	293.1	966	283.1	840	246.2	96.6
PF-1500	150	43.9	1,500	439.6	1,448	424.3	1,259	368.9	96.5



NOTE: Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

¹ Net water ratings based on an allowance of 1.15.

² Gross Output and Thermal Efficiency are in accordance with BTS 2000 TESTING STANDARD FOR HEATING BOILERS.

See installation guide for proper installation instructions.

BURNER MODULATION

Boiler Model	Burner Input Modulation, MBH
PF-399	80 to 399
PF-460	92 to 460
PF-850	85 to 850
PF-1000	100 to 1,000
PF-1500	150 to 1,500

OPTIONAL EQUIPMENT TRADE PRICES

Code No.	Description	Trade Price
54157	Domestic Water Tank Sensor	\$46
51027	50 PSI Relief Valve	\$84
51031	80 PSI Relief Valve	\$248
50118	100 PSI Relief Valve	\$91
54274	125 PSI Relief Valve	\$92
54471	150 PSI Relief Valve	\$109
29001	Low Water Cut-off 650P Auto Reset	\$285
29000	Low Water Cut-off 550P Manual Reset for CSD Compliance*	\$368
54156	System Sensor (for use in Cascade Operation ONLY)	\$46
54701	KIT PF-460 85121F Interface Board (PF-460 Only)	\$333
54486	BACnet Gateway	\$1,098
54487	LONWORKS Gateway	\$1,098
6151	BACnet Gateway w/Panel Assembly	\$1,605
6152	LONWORKS Gateway w/Panel Assembly	\$1,605
	Mass Code, Must Note on Order	N/C
0007901	Common Vent Kit PF850/1000, 2 Boiler 6" x 9"	\$447
0007902	Common Vent Kit PF1500, 2 Boiler 7" x 10"	\$551

* Must add for CSD Compliance and program for one trial for ignition

Ordering Information:

Example:

PF - 850 - N
 Series Input Natural Gas (Substitute "LP" for LP Gas)

Five and ten-year Extended Warranties available; see page 114 for details.

For Additional PUREFIRE® Product Information:

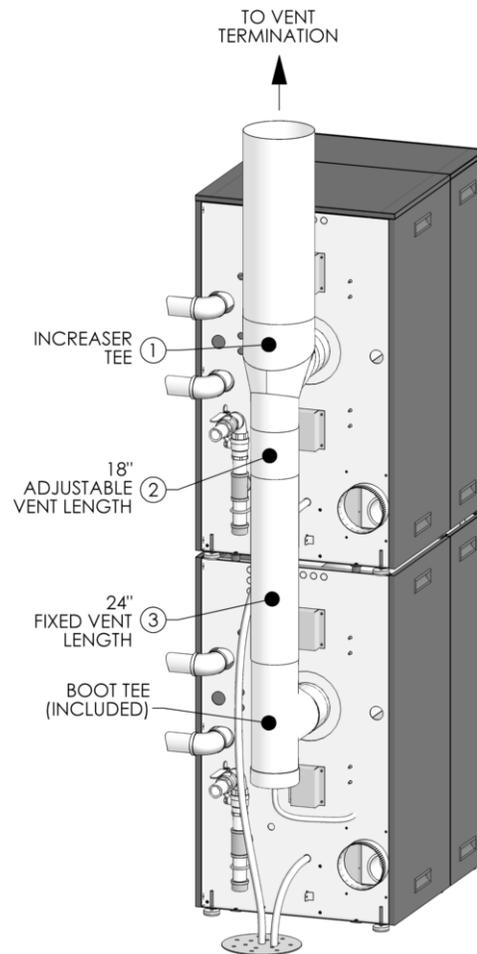
See Product Catalog Literature for Complete Product Specifications.

SPARK IGNITION TRADE PRICES

Code No. N	Code No. LP	Series	Approx. Shipping Weight, lbs	Trade Price
0007006	0007016	PF-399	188	\$11,569
0007042	0007062	PF-460	188	\$11,978
0007007	0007017	PF-850	345	\$23,758
0007008	0007018	PF-1000	405	\$25,221
0007009	0007019	PF-1500	690	\$35,168

CARTON DIMENSIONS

Boiler Model	Length	Width	Height
PF-399	25"	32"	50"
PF-460	25"	32"	50"
PF-850	54-1/2"	32"	52"
PF-1000	54-1/2"	32"	52"
PF-1500	79-1/2"	32"	52"



Multiple Boilers with Common Venting





PeerlessBoilers.com

CAST 92™

HIGH EFFICIENCY CAST IRON CONDENSING BOILER

- Gas-Fired Sealed Combustion Residential and Commercial Compact Boiler
- 90% Efficiency* • Direct Vent
- Natural or LP Gas • LoNOx

GAS-FIRED



Standard Equipment:

- Cast Iron Sections with Steel Push Nipple Connectors
- Advanced Digital Control Board Technology
- Direct Spark Ignition
- Steel Mesh Intake Filter
- Cast Iron Heat Exchanger
- System Pump/Zone Valve

Additional Features:

- 90% AFUE—ENERGY STAR® Efficient!*
- For Use with Natural Gas or LP Gas (No Fuel Conversation Kits Needed!)
- 100 PSI Maximum Working Pressure

- Cascade Capable up to 16 Boilers
- Environmentally Friendly—Low Emissions for both CO₂ and NOx
- Does Not Require Primary/Secondary Piping
- 5:1 Continuous Turndown
- Compact Footprint
- Quiet Operation
- Can be vented with AL294C venting material
- Free 1 Year Parts and Labor Warranty**

*Cast 92-2 model only

**One year labor warranty coverage will be purchased as long as boiler and service provider are registered with program administrator

SERIES CAST 92™ BOILER RATINGS

Series Cast 92™						AHRP CERTIFIED® www.ahrpdirectory.org
Boiler Model	Input MBH		Heating Capacity ³ , MBH	Net Ratings Water ^{1,2} , MBH	AFUE ³ , %	
	Minimum	Maximum				
92-2	40	199	184	150	90	
Boiler Model	Input MBH		Gross Output, MBH	Net Ratings Water ^{1,2} , MBH	Thermal Efficiency, %	
	Minimum	Maximum				
92-4	80	399	370	322	90	

*Note: As an ENERGY STAR® Partner, PB Heat has determined that these firing rates meet the ENERGY STAR guidelines for energy efficiency.

- 1 Net water ratings based on an allowance of 1.15.
- 2 Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.
- 3 Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government test.

Note: See installation guide for proper installation instructions.

BURNER MODULATION

Boiler Model	Burner Input Modulation, MBH
92-2	40 to 199
92-4	80 to 399

OPTIONAL EQUIPMENT TRADE PRICES

Code No.	Description	Trade Price
54034	Outdoor Sensor for Reset Operation	\$80
54485	Sensor System	\$49
54414	Communications Board	\$406
54484	Communication Cable 25 FT	\$49
29001	Low Water Cut-off 650P Auto Reset	\$285
29000	Low Water Cut-off 550P Manual Reset	\$368

Five and ten-year Extended Warranties available; see page 116 for details.

Ordering Information:

Example:

92 - 2 - N
 Series Input Natural Gas

For Additional Cast 92™ Product Information:

See Product Catalog Literature for Complete Product Specifications.

SPARK IGNITION TRADE PRICES

Code No. N	Code No. L	Series	Approx. Shipping Weight, lbs	Trade Price
0001125	*	92-2	540	\$6,599
0001126	*	92-4	753	\$11,341

*Note: Boiler is offered as Natural Gas only from the factory, each boiler contains a LP Conversion Kit for simple field conversion. See manual for details.

CARTON DIMENSIONS

Boiler Model	Length	Width	Height
92-2	34"	25"	61-1/4"
92-4	48"	34-1/2"	60"





PeerlessBoilers.com

Series MIH II™/MI85™

- Packaged Residential • Natural Draft Venting
- Atmospheric Gas - Spark Ignition
- Hot Water Boilers • Natural Gas-fired Boiler Only

GAS-FIRED



Standard Equipment:

- Cast Iron Sections - Factory Tested and Assembled with Steel Push Nipples
- Deluxe Powder Coated Steel Jacket
- 30 PSI Safety Relief Valve
- Spark Ignition
- Boiler Reset Control with LWCO for Safety and Ergonomic Operation
- Drain Valve
- Temperature-Pressure Gage

- Taco Circulator
- Electrically Operated Auto. Vent Damper
- Flame Rollout Safety Shutoff Switch
- Vent Safety Shutoff Switch

Optional Equipment:

- Grundfos Circulator
- 50 PSI Safety Relief Valve
- Non-Combustible Floor Pan

SERIES MIH II™/MI85™ BOILER RATINGS

Series MIH II™/MI85™					Water Content, Gallon
Boiler Model	Input, MBH	Heating Capacity ² , MBH	Net Ratings Water ^{1,2} , MBH	AFUE ³ , %	
MIHII-03	65	55	48	84.1	4.72
MIHII-04	97.5	82	71	84.1	6.00
MIHII-05	130	110	96	84.0	7.28
MIHII-06	162.5	137	119	84.0	8.56
MI85-03	60	51	44	85.0	4.72
MI85-04	90	77	67	85.0	6.00
MI85-05	120	102	89	85.1	7.28
MI85-06	150	128	111	85.1	8.56

1 Net water ratings based on an allowance of 1.15.

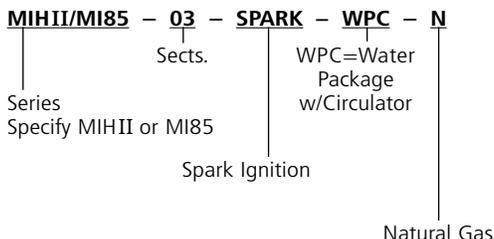
2 Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

3 Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government test.

NOTE: Minimum Supply Gas Pressure: Standard 5 in. W.C. Natural Gas.

Ordering Information:

Example:



OPTIONAL EQUIPMENT TRADE PRICES

Description	Trade Price	
50 PSI Safety Relief Valve	N/C	
Circulator:		
Taco 0010 (03-06) I.L.O. Std.	\$135	
Gdfs UP 26-64 (03-06) I.L.O. Std.	\$198	
Gdfs UP 15-42F (03-06)	N/C	
Non-Combustible Floor Pan:		
Code No.		
Model 03	90700	\$235
Model 04	90701	\$245
Model 05	90702	\$268
Model 06	90703	\$276

Optional circulator and relief valve must be indicated on order
Five and ten-year Extended Warranties available; see page 120 for details.

For Additional MIH II™/MI85™ Product Information:

See Product Catalog Literature for Complete Product Specifications.

Series MIH II™/MI85™

HYDROLEVEL (3200) SPARK IGNITION w/DAMPER¹ TRADE PRICES (WPC*)

Code No. N	Series	No. of Sections	Intermittent Ignition w/Damper	Approx. Shipping Weight (lbs)	Trade Price
0403063	MI85	03	SPARK	315	\$2,949
0404062	MI85	04	SPARK	375	\$3,231
0405063	MI85	05	SPARK	435	\$3,685
0406062	MI85	06	SPARK	505	\$4,082
0403064	MIHII	03	SPARK	315	\$2,834
0404063	MIHII	04	SPARK	375	\$3,120
0405064	MIHII	05	SPARK	435	\$3,514
0406063	MIHII	06	SPARK	505	\$3,969

CRATE DIMENSIONS (WPC*)

Boiler Model	Width	Depth	Height
MI85-03	28-1/2"	30-7/8"	36-1/2"
MI85-04	28-1/2"	30-7/8"	36-1/2"
MI85-05	35-1/2"	30-7/8"	36-1/2"
MI85-06	35-1/2"	30-7/8"	36-1/2"
MIHII-03	28-1/2"	30-7/8"	36-1/2"
MIHII-04	28-1/2"	30-7/8"	36-1/2"
MIHII-05	35-1/2"	30-7/8"	36-1/2"
MIHII-06	35-1/2"	30-7/8"	36-1/2"

(1) Natural Gas Only

(*) Water Package with Circulator





PeerlessBoilers.com

Series MI™

- Packaged Residential • Natural Draft Venting
- Atmospheric Gas - Spark Ignition
- Hot Water Boilers • Natural or LP Gas

GAS-FIRED



Standard Equipment:

- Cast Iron Sections - Factory Tested and Assembled with Steel Push Nipples
- Deluxe Powder Coated Steel Jacket
- 30 PSI Safety Relief Valve
- Spark Ignition
- Boiler Reset Control with Circulator Relay and LWCO
- Drain Valve
- Temperature-Pressure Gage

- Electrically Operated Auto. Vent Damper
- Flame Rollout Safety Shutoff Switch
- Vent Safety Shutoff Switch
- Taco Circulator

Optional Equipment:

- Grundfos Circulator
- 50 PSI Safety Relief Valve
- Non-Combustible Floor Pan

SERIES MI™ BOILER RATINGS

Series MI™					AFUE ³ , %	Water Content, Gallon
Boiler Model	Input, MBH	Heating Capacity ³ , MBH	Net Ratings Water ^{1,2} , MBH	ALDI CERTIFIED® www.aldirectory.org		
MI-03	70	58	50	82.2	4.72	
MI-04	105	86	75	82.1	6.00	
MI-05	140	115	100	82.0	7.28	
MI-06	175	143	124	82.0	8.56	
MI-07	195	160	139	82.0	9.84	
MI-08	227.5	186	162	82.0	11.12	
MI-09	260	211	183	82.0	12.40	

1 Net water ratings based on an allowance of 1.15.

2 Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

3 Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government test.

NOTE: Minimum Supply Gas Pressure: Standard 5 in. W.C. Natural Gas - 11 in. W.C. LP Gas.

Ordering Information:

Example:

MI - 03 - SPRK - WPC - N

Series

Sects.

Spark Ignition

WPC=Water Package
w/Circulator

Natural Gas (Substitute "LP" for LP)

OPTIONAL EQUIPMENT TRADE PRICES

Description	Trade Price	
50 PSI Safety Relief Valve	N/C	
Circulator:		
Taco 0010 (03-08) I.L.O. Std.	\$135	
Gdfs UP 26-64 (03-09) I.L.O. Std.	\$198	
Gdfs UP 15-42F (03-08)	N/C	
Non-Combustible Floor Pan:		
Code No.		
Model 03	90700	\$235
Model 04	90701	\$245
Model 05	90702	\$268
Model 06	90703	\$276
Model 07	90704	\$276
Model 08	90705	\$304
Model 09	90706	\$319

Optional circulator and relief valve must be indicated on order.

Five and ten-year Extended Warranties available; see page 120 for details.

For Additional MI™ Product Information:

See Product Catalog Literature for Complete Product Specifications.

Series MI™

HYDROLEVEL (3200) SPARK IGNITION w/DAMPER TRADE PRICES (WPC')

Code No. N	Code No. LP	Series	No. of Sections	Intermittent Ignition w/Damper	Approx. Shipping Weight (lbs)	Trade Price
0103033	0103035	MI	03	SPRK	282	\$2,363
0104006	0104004	MI	04	SPRK	353	\$2,579
0105001	0105003	MI	05	SPRK	428	\$2,936
0106004	0106006	MI	06	SPRK	479	\$3,437
0107004	0107006	MI	07	SPRK	568	\$3,761
0108004	0108006	MI	08	SPRK	601	\$4,224
0109001	0109003	MI	09	SPRK	681	\$4,581

CRATE DIMENSIONS (WPC')

Boiler Model	Width	Depth	Height
MI-03	28-1/2"	30-7/8"	36-1/2"
MI-04	28-1/2"	30-7/8"	36-1/2"
MI-05	35-1/2"	30-7/8"	36-1/2"
MI-06	35-1/2"	30-7/8"	36-1/2"
MI-07	42-1/4"	33-7/8"	36-1/2"
MI-08	42-1/4"	33-7/8"	36-1/2"
MI-09	45-1/2"	33-7/8"	36-1/2"

(1) Water Package with Circulator





PeerlessBoilers.com

Series DE™

• Packaged Residential

- Venting Options - Direct Exhaust or Chimney Venting
- Spark Ignition • Hot Water Boiler • Natural or LP Gas

GAS-FIRED



Standard Equipment:

- Cast Iron Sections - Factory Tested and Assembled with Steel Push Nipples
- Deluxe Powder Coated Steel Jacket
- 30 PSI Safety Relief Valve
- Drain Valve
- Temperature-Pressure Gage
- Taco Circulator
- Boiler Reset Control with Circulator Relay and LWCO

- Flame Rollout Safety Shutoff Switch
- Pressure Switch
- Induced Draft Fan

Optional Equipment:

- Grundfos Circulator
- Non-Combustible Floor Pan
- 50 PSI Safety Relief Valve

SERIES DE™ BOILER RATINGS

Series DE™					Water Content, gal
Boiler Model	Input, MBH	Heating Capacity ³ , MBH	Net Ratings Water ^{1,2} , MBH	AFUE ³ , %	
DE-03	70	58	50	82.1	4.72
DE-04	105	87	76	82.0	6.00
DE-05	140	116	101	82.0	7.28
DE-06	165	136	118	82.0	8.56



1 Net water ratings based on an allowance of 1.15.

2 Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

3 Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government test.

NOTE: Minimum Supply Gas Pressure: Standard 5 in. W.C. Natural Gas - 11 in. W.C. LP Gas

IMPORTANT: This is an **OPTIONAL DIRECT EXHAUST** appliance. Like all direct exhaust appliances, it vents products of combustion through an exterior wall. Please consult with your installing contractor about your venting options before making your final selection of product.

NOTE: See **installation guide for proper installation instructions.**

Ordering Information:

Example:

DE - 03 - SPRK - WPC - N
 Series Sects. | Water Package w/Circulator | Spark Ignition | Natural Gas (Substitute "LP" for LP Gas)

OPTIONAL EQUIPMENT TRADE PRICES

Description	Trade Price
50 PSI Safety Relief Valve	N/C
Circulator: Grundfos UP 15-42F	N/C
Non-Combustible Floor Pan:	Code No.
Model 03	90700
Model 04	90701
Model 05	90702
Model 06	90703
	\$235
	\$245
	\$268
	\$276

Optional circulator and relief valve must be indicated on order.

Five and ten-year Extended Warranties available; see page 120 for details.

For Additional DE™ Product Information:

See Product Catalog Literature for Complete Product Specifications.

Series DE™

HYDROLEVEL (3200) SPARK IGNITION TRADE PRICES (WPC¹)

Code No. N	Code No. LP	Series	No. of Sections	Intermittent Ignition w/ Damper	Approx. Shipping Weight, lbs	Trade Price
0203027	0203028	DE	03	SPRK	302	\$2,581
0204026	0204027	DE	04	SPRK	352	\$2,860
0205027	0205028	DE	05	SPRK	414	\$3,226
0206026	0206027	DE	06	SPRK	468	\$3,739

CRATE DIMENSIONS (WPC¹)

Boiler Model	Depth	Width	Height
DE-03	30-7/8"	28-1/2"	36-1/2"
DE-04	30-7/8"	28-1/2"	36-1/2"
DE-05	30-7/8"	35-1/2"	36-1/2"
DE-06	30-7/8"	35-1/2"	36-1/2"

(1) Water Package with Circulator





PeerlessBoilers.com

Series PSC II™

Sealed Combustion Residential Gas Boiler

- Hot Water Boiler • Natural or LP Gas
- Unique Wall Thimble • Packaged
- Direct Vent • Spark Ignition

GAS-FIRED



Standard Equipment:

- Cast Iron Sections - Factory Tested and Assembled with Steel Push Nipples
- Deluxe Powder Coated Steel Jacket
- 30 PSI Safety Relief Valve
- Drain Valve
- Temperature-Pressure Gage
- Taco Circulator
- Boiler Reset Control with Circulator Relay and LWCO
- Flame Rollout Safety Shutoff Switch
- Pressure Switch

- Induced Draft Fan
- Enclosed Air Inlet Box
- Spark Ignition
- Non-Combustible Floor Pan
- Peerless® Wall Thimble (up to 11-1/2")
- Stainless Steel Vent Cap
- Stainless Steel Screened Vent Termination
- Condensate Elbow

Optional Equipment:

- Grundfos Circulator
- 50 PSI Safety Relief Valve

SERIES PSC II™ BOILER RATINGS

Series PSC II™					Water Content, gal
Boiler Model	Input, MBH	Heating Capacity ³ , MBH	Net Ratings Water ^{1,2} , MBH	AFUE ³ , %	
PSCII-03	65	56	49	86.0	4.72
PSCII-04	90	77	67	85.0	6.00
PSCII-05	120	102	89	85.0	7.28
PSCII-06	150	128	111	85.1	8.56

¹ Net water ratings based on an allowance of 1.15.

² Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

NOTE: Minimum Supply Gas Pressure: Standard 5 in. W.C. Natural Gas - 11 in. W.C. LP Gas.

Note: See installation guide for proper installation instructions.

Ordering Information:

Example:

PSCII - 03 - SPRK - WPC - N

Series Sects. Spark Ignition Water Package w/Circulator (boxed separately) Natural Gas (Substitute "LP" for LP Gas)

OPTIONAL EQUIPMENT TRADE PRICES¹

Description	Trade Price
50 PSI Safety Relief Valve	N/C
Circulator: Grundfos UP 15-24F	N/C
Wall Thimble 20" (for a wall greater than 11-1/2" to 20")	90350 \$157

(1) Optional circulator and relief valve must be indicated on order.

Five and ten-year Extended Warranties available; see page 120 for details.

For Additional PSC II™ Product Information:

See Product Catalog Literature for Complete Product Specifications.

Series PSC II™

HYDROLEVEL (3200) SPARK IGNITION w/DAMPER TRADE PRICES (WPC¹)

Code No. N	Code No. LP	Series	No. of Sections	Intermittent Ignition w/ Damper	Approx. Shipping Weight, lbs	Trade Price
0703225	0703226	PSCII	03	SPRK	323	\$2,797
0704225	0704226	PSCII	04	SPRK	392	\$3,019
0705224	0705225	PSCII	05	SPRK	445	\$3,446
0706224	0706225	PSCII	06	SPRK	522	\$3,881

CRATE DIMENSIONS (WPC¹)

Boiler Model	Depth	Width	Height
PSCII-03	32-3/4"	27"	40"
PSCII-04	32-3/4"	27"	40"
PSCII-05	32-3/4"	30-3/8"	40"
PSCII-06	32-3/4"	33-3/4"	40"

(1) Water Package with Circulator (boxed separately)



Series 63™

ORDERING INFORMATION

Steam

Spark Ignition¹ Trade Prices

Boiler Model	Knockdown ("S")				Packaged ("SP")			
	Code No. N	Code No. LP	Approx. Shipping Weight (lbs)	Trade Price KD	Code No. N	Code No. LP	Approx. Shipping Weight (lbs)	Trade Price PKGD
63-03L-SPRK-*-**	6303024	6303026	465	\$3,101	6303034	6303036	465	\$3,343
63-03-SPRK-*-**	6303025	6303027	465	\$3,266	6303035	6303037	465	\$3,503
63-04L-SPRK-*-**	6304024	6304026	576	\$3,593	6304034	6304036	576	\$3,843
63-04-SPRK-*-**	6304025	6304027	576	\$3,770	6304035	6304037	576	\$4,021
63-05L-SPRK-*-**	6305024	6305026	700	\$4,351	6305034	6305036	700	\$4,601
63-05-SPRK-*-**	6305025	6305027	700	\$4,724	6305035	6305037	700	\$4,860
63-06-SPRK-*-**	6306025	6306027	812	\$5,581	6306035	6306037	812	\$5,829

* Substitute "S" for Steam Knockdown, "SP" for Steam Package.

** Substitute "N" for Natural Gas, "LP" for LP Gas.

(1) Hydrolevel CG450 probe type LWCO is standard. See Optional Equipment for MM 67PE-3 float type LWCO.

Water

Spark Ignition Trade Prices

Boiler Model	HYDROLEVEL (3200) SPARK IGNITION W/ DAMPER			
	Code No. N	Code No. LP	Approx. Shipping Weight (lbs)	Trade Price KD
63-03L-SPRK-W-*	6303044	6303046	465	\$2,923
63-03-SPRK-W-*	6303045	6303047	465	\$3,088
63-04L-SPRK-W-*	6304044	6304046	576	\$3,415
63-04-SPRK-W-*	6304045	6304047	576	\$3,592
63-05L-SPRK-W-*	6305044	6305046	700	\$4,173
63-05-SPRK-W-*	6305045	6305047	700	\$4,546
63-06-SPRK-W-*	6306045	6306047	812	\$5,403

* Substitute "N" for Natural Gas, "LP" for LP Gas.

CRATE DIMENSIONS

Boiler Model	Length	Width	Height
63-03L	35-1/2"	32-3/4"	39"
63-03	35-1/2"	32-3/4"	39"
63-04L	35-1/2"	32-3/4"	39"
63-04	35-1/2"	32-3/4"	39"
63-05L	46"	32-3/4"	39"
63-05	46"	32-3/4"	39"
63-06	46"	32-3/4"	39"





PeerlessBoilers.com

Series 64™

- Semi-Commercial • Knockdown or Packaged • Natural Draft Venting
- Spark Ignition • Steam or Hot Water Boilers
- Natural or LP Gas

GAS-FIRED



Standard Equipment:

- Cast Iron Sections - Factory Tested and Assembled with Steel Push Nipples
- Split Block of Sections - All Sizes
- 3" NPT Supply Tappings
- Removable Burner Tray Assembly
- Deluxe Powder Coated Steel Jacket
- Aluminized Steel Flue Collector
- Horizontal to Vertical Draft Diverter
- Aluminized Steel Burners
- Flame Rollout Safety Switch
- Blocked Vent Switch
- Drain Valve
- Pre-assembled Wiring Harness

Water:

- 30 PSI Safety Relief Valve
- Pressure-Temperature Gage
- Boiler Reset Control with LWCO
- Manual Reset Limit Control, L4006E (64-9-12)

Steam:

- 15 PSI Safety Valve
- Pressure Gage
- Gage Glass & Gage Cocks
- Pressure Control, PA404A
- Manual Reset Pressure Control, L4079B (64-9-12)
- Probe Type LWCO, CG450P
- Skim Tapping

SERIES 64™ BOILER RATINGS

Series 64™											Water Content		Approx. Shipping Weight, lb
Boiler Model	Input, MBH	Gross Output ² , MBH		Net Ratings ¹			Thermal Efficiency		Combustion Efficiency ²		Water, gal	Steam, gal	
		Water	Steam	Steam, sqft	Steam, MBH	Water, MBH	Water, %	Steam, %	Water, %	Steam, %			
64-07	345	279	274	858	206	243	81.0	79.4	83.0	83.5	22.8	15.5	945
64-08	399	323	318	996	239	281	81.0	79.6	83.0	83.5	25.2	17.0	1081
64-09	460	373	367	1146	275	324	81.0	79.7	83.0	83.5	27.6	18.6	1218
64-10	517.5*	419	413	1292	310	364	81.0	79.8	83.0	83.5	30.0	20.1	1354
64-11	575	466	459	1433	344	405	81.1	79.8	83.0	83.5	32.4	21.7	1490
64-12	632.5*	512	506	1583	380	445	81.0	79.9	83.0	82.5	34.8	23.2	1527

1 Net Ratings are based on Gross Output less an allowance for normal piping and pickup as determined by AHRI Requirements. Water ratings are based on a piping and pickup factor of 1.15. Steam ratings are based on a piping and pickup factor of 1.33. Consult PB Heat before selecting a boiler for gravity hot water installations or for installations having unusual piping and pickup requirements such as exposed piping, night set-back, etc. Ratings shown are for elevations up to 2,000 feet. For elevations above 2,000 feet, ratings should be reduced at the rate of 4% for each 1,000 feet above sea level.

2 Thermal efficiency, combustion efficiency and gross output are determined in accordance with BTS 2000 Testing Standard.

*AHRI Directory indicates inputs to nearest whole number.

Ordering Information:

Example:

64 - 09 - SPRK - SP - N
 Series Sects. Spark Ignition Natural Gas (Substitute "LP" for LP Gas)

W = Water Knockdown
 S = Steam Knockdown
 SP = Steam Package

OPTIONAL EQUIPMENT TRADE PRICES

Add to Trade Price¹

Description	Trade Price	
50 PSI Safety Relief Valve (Water Boilers Only) - 51208	N/C	
McDonnell & Miller 67PE-3 Type LWCO (in lieu of probe type on steam boilers) - 29037	\$106	
L404F1060 Honeywell Pressuretrol Limit	50680	
Vent Damper	64-07	50167
	64-08/09	50168
	64-10/12	90616
Mounting of Optional Controls on Packaged Boilers	\$135 Per Control	
Factory Fire Test of Packaged Boilers (Nat. Gas Steam Only)		
Functional w/o Combustion Report(Nat. Gas Steam Only)	\$485	
Comprehensive w/ Combustion Report(Nat. Gas Steam Only)	\$966	

(1) Optional equipment must be specified on original boiler order.

See page 24 for Optional CSD-1 Agency Control systems.

Extended Warranty available; see page 122 for details.

For Additional 64™ Product Information:

See pages 107-110 for Boiler Trim Options.
 See pages 107-110 for Optional Controls and Components.
 See Product Catalog Literature for Complete Product Specifications.

Series 64™

ORDERING INFORMATION

Steam – Spark Ignition¹ Trade Prices

Boiler Model	Knockdown ("S")				Packaged ("SP")			
	Code No. N	Code No. LP	Approx. Shipping Weight (lbs)	Trade Price KD	Code No. N	Code No. LP	Approx. Shipping Weight (lbs)	Trade Price
64-07-SPRK-**-**	6407006	6407007	945	\$5,849	6407315	6407318	945	\$6,789
64-08-SPRK-**-**	6408006	6408009	1,081	\$6,180	6408315	6408318	1,081	\$7,237
64-09-SPRK-**-**	6409006	6409009	1,218	\$6,676	6409315	6409318	1,218	\$7,745
64-10-SPRK-**-**	6410006	6410009	1,354	\$7,181	6410315	6410318	1,354	\$8,376
64-11-SPRK-**-**	6411004	6411009	1,490	\$7,846	6411315	6411318	1,490	\$8,996
64-12-SPRK-**-**	6412006	6412009	1,527	\$8,673	6412315	6412318	1,527	\$10,189

¹ - Hydrolevel CG450 probe type LWCO is standard. See Optional Equipment for MM 67PE-3 float type LWCO.

* Substitute "S" for Steam Knockdown, "SP" for Steam Package.

** Substitute "N" for Natural Gas, "LP" for Gas

Water – Spark Ignition Trade Prices

Boiler Model	HYDROLEVEL(3200) SPARK IGNITION W/ DAMPER			
	Code No. N	Code No. LP	Approx. Shipping Weight (lbs)	Trade Price KD
64-07-SPRK-**-**	6407045	6407048	945	\$5,671
64-08-SPRK-**-**	6408045	6408048	1,081	\$6,001
64-09-SPRK-**-**	6409045	6409048	1,218	\$6,498
64-10-SPRK-**-**	6410045	6410048	1,354	\$7,001
64-11-SPRK-**-**	6411045	6411048	1,490	\$7,668
64-12-SPRK-**-**	6412045	6412048	1,527	\$8,495

** Substitute "N" for Natural Gas, "LP" for LP Gas.

OPTIONAL CSD-1 CONTROL SYSTEM - 64-09-12 Only

CSD-1 Trade Price Adder		
Boiler Type	LWCO	Adder
Water	Std. Control is Programmable	\$579
Steam	67PE3/CG 550P*	\$1,307
	42A/OEM 550P**	\$1,760

* For gravity return systems

** For pumped condensate return systems

CSD-1 Control System includes SPRK Electronic Ignition System including Flame failure Lock-out Control, two test cocks, and pilot gas valve.

Note: All pricing is subject to equipment and control system approval by the local inspector.

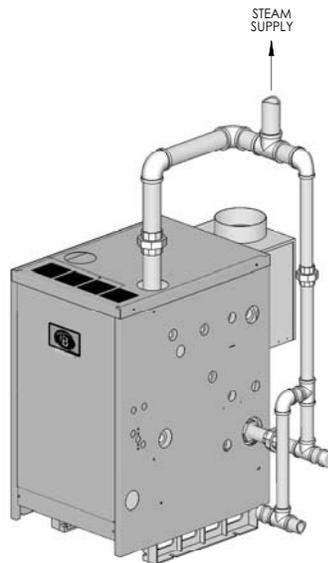
Mass Code Trade Price Adder	
5" W.C. Natural Gas Only	
	Trade Price Add
400 - 633 MBH Input (Boiler Models 64-09 thru 12) Add CSD Option	See Above

Indicate – MASS CODE / CSD – on purchase order.

Series 64™

OPTIONAL NEAR BOILER PIPING KITS - Series 63-03 THRU 64-07

Near Boiler Piping Kits		
Code No.	Description	Trade Price
63910	63-03L thru 63-03 Near Boiler Piping Kit	\$310
63911	63-04L thru 63-04 Near Boiler Piping Kit	\$430
63912	63-05L thru 64-07 Near Boiler Piping Kit	\$625



Series 63/64 shown with single riser





PeerlessBoilers.com

Series GM™

- Packaged Residential/Commercial
- Atmospheric Gas - Spark Ignition
- Natural Draft Venting • Hot Water Boilers • Natural & LP Gas

GAS-FIRED



Standard Equipment:

- Cast Iron Sections - Factory Tested and Assembled with Steel Push Nipples
- Deluxe Powder Coated Steel Jacket
- 30 PSI Safety Relief Valve
- Spark Ignition
- Limit Control
- Drain Valve (unmounted)
- Temperature-Pressure Gage (unmounted)
- Vertical Draft Hood
- Vent Damper (5-6 section)
- Flame Rollout Safety Shutoff Switch
- Vent Safety Shutoff Switch
- Boiler Reset with LWCO

Optional Equipment:

- Taco 0010 Circulator (unmounted) (5-6 section)
- Taco 0010 Zoning Circulator (unmounted) (5-6 section)
- Taco 0012 Circulator (unmounted) (7-8 section)
- 50, 80 or 100 PSI Safety Relief Valve (unmounted)
- Probe Type LWCO (unmounted)
- Vent Damper (7-8 section)

SERIES GM™ BOILER RATINGS

Series GM™							AHRI CERTIFIED™ www.ahridirectory.org		
Boiler Model	Input, MBH	Output ^{1,2} , MBH	Net Ratings Water ³ , MBH	AFUE ¹ , %	Thermal Efficiency ² , %	Combustion Efficiency ² , %	Input, kW	Output, kW	Net Ratings Water, kW
GM-05	228	187	163	82.1	—	—	66.8	54.8	47.8
GM-06	285	238	207	82.8	—	—	83.5	69.8	60.7
GM-07	342	275	239	—	80.3	82.5	100.2	80.6	70.0
GM-08	399	320	278	—	80.3	82.5	116.9	93.8	81.5

1. Output is Heating Capacity for models with inputs <300 MBH and Gross Output for models with inputs ≥300 MBH. Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government test.

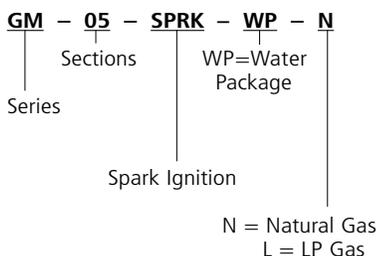
2. Output rating and combustion efficiency determined in accordance with AHRI Requirements.

3. Net water ratings based on an allowance of 1.15.

4. Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

Ordering Information:

Example:



OPTIONAL EQUIPMENT TRADE PRICES

Code No.	Description	Trade Price
51028	Safety Relief Valve: 50 PSI	N/C
55495	80 PSI Add to Trade Price	\$125
50118	100 PSI Add to Trade Price	\$125
91272	Circulator: Taco 0010 (05-06) 1-1/2" Flange	\$288
51309	Taco 0012 (07-08) 1-1/2" Flange	\$438
50168	Vent Damper for Model GM-07 and GM-08	\$383
29028	Hydrolevel 550SV LWCO – Manual Reset, Short Probe*	\$372

*Short Probe required for branch tee installation in 1-1/2" pipe
Safety relief valve must be indicated on order.

Extended Warranty available - see page 122 for details.

For Additional GM™ Product Information:

See Product Catalog Literature for Complete Product Specifications.

Series GM™

HYDROLEVEL (3200) SPARK IGNITION TRADE PRICES (WP¹)

Boiler Model	Intermittent Ignition				
		Code No. N	Code No. LP	Approx. Shipping Weight (lbs)	Trade Price
GM-05	SPRK N	0505041	0505042	433	\$3,783
GM-06	SPRK N	0506041	0506042	500	\$4,173
GM-07	SPRK N	0507041	0507042	574	\$4,842
GM-08	SPRK N	0508041	0508042	641	\$5,828

(1) Water Package less Circulator

GM-05, 06 shipped with an Automatic Vent Damper

GM-07, 08 shipped less Automatic Vent Damper, see options on page 27

CRATE DIMENSIONS (WP¹)

Boiler Model	Length	Width	Height
GM-05	28"	30-1/4"	40-1/2"
GM-06	28"	30-1/4"	40-1/2"
GM-07	35"	30-1/4"	40-1/2"
GM-08	35"	30-1/4"	40-1/2"

(1) Water Package less Circulator





Flex-Heat® Modular Boiler Systems



- Packaged Boilers
- Spark Ignition
- Natural Draft Venting
- Modular Boilers More Efficient than Single Boilers of Same Input
- tekmar® Staging Controls
- Flex-Heat® Manifolds and Accessories

GAS-FIRED

GM™ Boilers Spark Ignition Prices

Code #	Series	Series GM Boiler Modules*	Input MBH	Output MBH	Net Output MBH	Intermittent Ignition	Approx. Shipping Weight (lbs)	Trade Price
Use Individual GM Boiler Codes	FH-456	(2) 5 section	456	374	325	SPRK	866	\$7,566
	FH-513	(1) 5 section, (1) 6 section	513	421	366	SPRK	933	\$7,956
	FH-570	(2) 6 section	570	467	406	SPRK	1000	\$8,346
↓	FH-627	(1) 6 section, (1) 7 section	627	514	447	SPRK	1074	\$9,015
	FH-684	(2) 7 section	684	561	488	SPRK	1148	\$9,684
	FH-741	(1) 7 section, (1) 8 section	741	608	528	SPRK	1215	\$10,670
	FH-798	(2) 8 section	798	654	569	SPRK	1282	\$11,656
	FH-855	(3) 6 section	855	701	610	SPRK	1500	\$12,519
	FH-912	(2) 6 section, (1) 7 section	912	748	650	SPRK	1574	\$13,188
	FH-969	(1) 6 section, (2) 7 section	969	795	691	SPRK	1648	\$13,857
	FH-1026	(3) 7 section	1026	841	732	SPRK	1722	\$14,526
	FH-1140	(1) 7 section, (2) 8 section	1140	935	813	SPRK	1856	\$16,498
	FH-1197	(3) 8 section	1197	982	854	SPRK	1923	\$17,484
	FH-1254	(2) 6 section, (2) 7 section	1254	1028	894	SPRK	2148	\$18,030
	FH-1368	(4) 7 section	1368	1122	975	SPRK	2296	\$19,368
	FH-1482	(2) 7 section, (2) 8 section	1482	1215	1057	SPRK	2430	\$21,340
	FH-1539	(1) 7 section, (3) 8 section	1539	1262	1097	SPRK	2497	\$22,326
	FH-1596	(4) 8 section	1596	1309	1138	SPRK	2564	\$23,312
	FH-1710	(5) 7 section	1710	1402	1209	SPRK	2870	\$24,210
	FH-1824	(3) 7 section, (2) 8 section	1824	1496	1301	SPRK	3004	\$26,182
	FH-1881	(2) 7 section, (3) 8 section	1881	1542	1341	SPRK	3071	\$27,168
	FH-1938	(1) 7 section, (4) 8 section	1938	1589	1382	SPRK	3138	\$28,154
	FH-1995	(5) 8 section	1995	1636	1423	SPRK	3205	\$29,140
	FH-2052	(6) 7 section	2052	1683	1463	SPRK	3444	\$29,052
	FH-2166	(4) 7 section, (2) 8 section	2166	1776	1544	SPRK	3578	\$31,024
	FH-2280	(2) 7 section, (4) 8 section	2280	1870	1626	SPRK	3712	\$32,996
	FH-2394	(6) 8 section	2394	1963	1707	SPRK	3846	\$34,968
	FH-2508	(5) 7 section, (2) 8 section	2508	2057	1788	SPRK	4152	\$35,866
	FH-2622	(3) 7 section, (4) 8 section	2622	2150	1870	SPRK	4286	\$37,838
	FH-2736	(1) 7 section, (6) 8 section	2736	2244	1951	SPRK	4420	\$39,810
	FH-2793	(7) 8 section	2793	2290	1992	SPRK	4487	\$40,796
	FH-2850	(6) 7 section, (2) 8 section	2850	2337	2032	SPRK	4726	\$40,708
	FH-2964	(4) 7 section, (4) 8 section	2964	2430	2113	SPRK	4860	\$42,680
	FH-3021	(3) 7 section, (5) 8 section	3021	2477	2154	SPRK	4927	\$43,666
	FH-3078	(2) 7 section, (6) 8 section	3078	2524	2195	SPRK	4994	\$44,652
	FH-3192	(8) 8 section	3192	2617	2276	SPRK	5128	\$46,624
	FH-3306	(5) 7 section, (4) 8 section	3306	2711	2357	SPRK	5434	\$47,522
FH-3363	(4) 7 section, (5) 8 section	3363	2758	2398	SPRK	5501	\$48,508	
FH-3420	(3) 7 section, (6) 8 section	3420	2804	2439	SPRK	5568	\$49,494	
FH-3534	(1) 7 section, (8) 8 section	3534	2898	2520	SPRK	5702	\$51,466	
FH-3591	(9) 8 section	3591	2945	2561	SPRK	5769	\$52,452	
FH-3648	(6) 7 section, (4) 8 section	3648	2991	2601	SPRK	6008	\$52,364	
FH-3762	(4) 7 section, (6) 8 section	3762	3085	2682	SPRK	6142	\$54,336	
FH-3876	(2) 7 section, (8) 8 section	3876	3178	2764	SPRK	6276	\$56,308	
FH-3990	(10) 8 section	3990	3272	2845	SPRK	6410	\$58,280	

NOTES:

#90362 control header needed for each modular boiler system; consult design and application guide for parts that are not supplied with above kits

*Suggested modular combination - other combinations are possible

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Flex-Heat® Modular Boiler Systems

Additional Equipment for Flex-Heat® Modular Boiler Systems

Description	Code #	Number of Cartons	Trade Price
Control Header Carton Assembly Carton #90362 contains: 1 - 3" diameter header and accessories 1 - Flex-Heat design and application guide	90362	1	\$391
Two Module Manifold Kit Manifold Kit #0500000 contains: 1 - carton 2-3" diameter manifolds for two boiler attachment 1 - carton accessories for attaching per Flex-Heat guide	0500000	2	\$1,476
Three Module Manifold Kit Manifold Kit #0500001 contains: 1 - carton 2-3" diameter manifolds for three boiler attachment 1 - carton accessories for attaching per Flex-Heat guide	0500001	2	\$2,082

Additional Controls and Accessories

Flex-Heat Controls	Code #	Description	Trade Price
Required in Addition to Individual Boiler Controls:	50536	L4006E-1117 Aquastat	\$168
Optional Controls:	53447	tekmar® 262 Control - 2 Stage	\$1,156
	53448	tekmar® 264 Control - 4 Stage**	\$2,006
	50197	tekmar® 268 Control - 9 Stage	\$3,407
	55846	System Temperature Gauge**	\$97
	91272	TACO 0010 1-1/2 Flange	\$288
	29028	Hydrolevel 550SV LWCO*	\$372

NOTES:

- 1-#90362 control header needed for each modular boiler system
- Consult design and application guide for parts that are not supplied with above kits

* Short Probe required for branch tee installation in 1-1/2" pipe

**If a system temperature gauge is desired and you are not using a Tekmar 262 or 268 Control, order gauge 55846 shown in optional controls.

(Tekmar 262 and 268 Controls can display system water temperature).

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PeerlessBoilers.com

Series 211A™

- Commercial Atmospheric Gas • Natural Draft Venting
- Packaged, Assembled Block or Individual Sections
- 630 MBH to 9,450 MBH Input • Natural or LP Gas
- Steam Boilers

GAS-FIRED



Standard Equipment:

- Cast Iron Sections, 15 PSIG
- Insulated Flush Jacket
- Aluminized Steel Flue Collectors
- Horizontal to Vertical Draft Diverters
- High Temperature Rope Seal
- Flex-Seal Gaskets
- Insulated Steel Base
- Aluminized Steel Burners
- RH & LH End Cleanout Cover Plates
- Factory Assembled Gas Train to Meet ANSI Z21.13 (one on 211A-04-18, two on 211A-19 and larger)
- 120 Volt Gas Valves
- HSP-1 Spark Ignition System with 100% Shutoff – Natural Gas Only
- 15 PSI Safety Valve
- Pressure Gage
- Gage Glass & Gage Cocks
- Operating Pressure Control, PA404A
- High Limit Pressure Control, Manual Reset, L4079B
- Float Type LWCO, MM 67PE-2
- Probe Type LWCO, OEM650P

SERIES 211A™ BOILER RATINGS

Series 211A™							AHRI CERTIFIED® www.ahridirectory.org		Boiler H.P.	Approx. Ship. Weight (lbs)	Steam Trade Price ⁴	Package Adder
Boiler Model	Input, MBH	Gross Output ² , MBH	Net Ratings ²		Thermal Efficiency, %	Combustion Efficiency ³ , %						
			Steam, sqft	Steam ¹ , MBH								
211A-04	630	486	1,521	365	77.7	79.8	14.5	2,178	\$10,658	\$3,031		
211A-05	840	650	2,033	488	77.4	80.0	19.4	2,691	\$12,702	\$3,287		
211A-06	1,050	816	2,550	612	77.7	80.0	24.4	3,189	\$13,872	\$3,530		
211A-07	1,260	980	3,063	735	77.8	80.0	29.3	3,683	\$16,576	\$3,768		
211A-08	1,470	1,145	3,579	859	77.9	80.0	34.2	4,134	\$18,813	\$4,012		
211A-09	1,680	1,310	4,113	987	78.0	80.0	39.1	4,631	\$20,008	\$4,317		
211A-10	1,890	1,476	4,688	1,125	78.1	80.0	44.1	5,103	\$21,512	\$4,629		
211A-11	2,100	1,642	5,263	1,263	78.2	80.0	49.1	5,688	\$23,844	\$4,938		
211A-12	2,310	1,806	5,829	1,399	78.2	80.0	54.0	6,005	\$26,052	\$5,247		
211A-13	2,520	1,958	6,333	1,520	77.7	80.0	58.5	6,507	\$29,388	\$5,557		
211A-14	2,730	2,124	6,871	1,649	77.8	80.0	63.5	7,027	\$31,832	\$6,003		
211A-15	2,940	2,290	7,408	1,778	77.9	80.0	68.4	7,592	\$32,896	\$6,242		
211A-16	3,150	2,454	7,938	1,905	77.9	80.0	73.3	8,070	\$35,235	\$6,628		
211A-17	3,360	2,621	8,479	2,035	78.0	80.0	78.3	8,550	\$37,402	\$7,016		
211A-18	3,570	2,785	9,008	2,162	78.0	80.0	83.2	9,030	\$39,932	\$7,401		
211A-19	3,780	2,952	9,550	2,292	78.1	80.0	88.2	9,554	\$43,570	\$7,787		
211A-20	3,990	3,116	10,079	2,419	78.1	80.0	93.1	9,992	\$45,372	—		
211A-21	4,200	3,280	10,613	2,547	78.1	80.0	98.0	10,401	\$47,480	—		
211A-22	4,410	3,449	11,158	2,678	78.2	80.0	103.0	10,936	\$49,175	—		
211A-23	4,620	3,599	11,642	2,794	77.9	80.0	107.5	11,540	\$51,358	—		
211A-24	4,830	3,763	12,175	2,922	77.9	80.0	112.4	—	\$53,477	—		
211A-25 to 211A-37	Consult Product Catalog Literature for Detailed Ratings Information						Consult Product Catalog Literature for Detailed Ratings Information	ADDER \$1917 per Section	—			
211A-38 to 211A-46	Consult Factory for Detailed Ratings and Pricing Information						Consult Factory for Detailed Ratings and Pricing Information	—	—			

Note: For LP Ratings decrease by 2.5%.

* Assembled blocks available to 19 sections only.

1 Net steam ratings based on an allowance of: 04 to 08=1.333, 09(Nat)=1.324, 09(LP)=1.327, 10(Nat)=1.310, 10(LP)=1.312, 11(Nat)=1.298, 11(LP)=1.300, 12(Nat)=1.290, 12(LP)=1.291, 13 to 19=1.288.

2 Consult factory before selecting a boiler for installation having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

3 Combustion efficiency determined in accordance with ANSI Z21.13, Gas-Fired Low-Pressure Steam and Hot Water Boilers.

4 See page 33 for LP Gas trade price adders.

Consult product catalog literature for detailed ratings information up to 9,450 MBH.

NOTE: Natural Gas @ 5.0 in. W.C. Inlet Gas Pressure

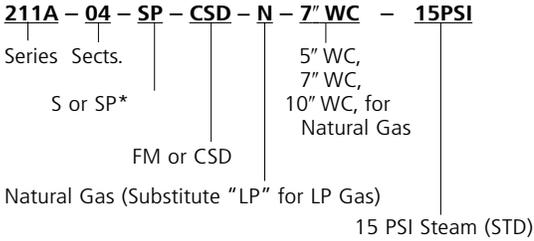
For Additional 211A™ Product Information:

See pages 107-110 for Boiler Trim Options, Optional Controls and Components.
See Product Catalog Literature for Complete Product Specifications.

Series 211A™

Ordering Information:

Example:



S = Steam Knockdown
SP = Steam Package

OPTIONAL EQUIPMENT TRADE PRICES Add to Trade Price¹

Description		Trade Price
Factory Assembled Base		\$106 Per Section
Factory Assembled Sections (211A-04 through 19 only)		\$178 Section
24 Volt Gas Train Components		N/C
Factory Fire Test of Packaged Boilers (Nat. Gas Only)		
Functional w/o Combustion Report		\$483
Comprehensive w/Combustion Report		\$963
1-1/2" Inspection Tappings Intermediate Sections Only (one per section at lower front)	w/Brass Plug w/Nipple & Cap	\$84 Per Section \$108 Per Section
Mounting of Optional Controls on Packaged Boilers		\$133 Per Control
Mounting of Control Panel on Packaged Boilers		\$445 Per Panel

(1) Optional equipment must be specified on original boiler order.
See pages 33-38 for Additional Optional Equipment

F.M. Standard Equipment:

- E1-E Electronic Control System
- Alarm Bell with Silencing Switch
- Pilot Pressure Regulator
- Pilot Gas Valve
- Low & High Gas Pressure Switches
- (1) Diaphragm and (1) Motorized Gas Valve
- Manual Leak Test Shutoff Valve
- Operating Control
- High Limit Control, Manual Reset
- Low Water Cutoff, Manual Reset

D.B. & B. NOVV:

- E1-E Electronic Control System
- Alarm Bell with Silencing Switch
- Pilot Pressure Regulator
- Pilot Solenoid Valve
- Low & High Gas Pressure Switches
- (2) Motorized Gas Valves
- Normally Open Vent Valve
- Manual Leak Test Shutoff Valve
- Operating Control
- High Limit Control, Manual Reset
- Low Water Cutoff, Manual Reset

F.M. and D.B. & B. NOVV TRADE PRICES¹

(Includes Boiler and Required Controls)

Inlet Gas Pressure: Natural Gas @ 5.0 In. W.C., LP Gas @ 11.0 In. W.C.

Boiler Model	F.M.	D.B. & B. NOVV	Package Adder ²	
	Steam	Steam		
211A-04	\$11,849	\$13,072	\$4,689	
211A-05	\$13,877	\$15,716	\$4,948	
211A-06	\$15,955	\$18,149	\$5,192	
211A-07	\$17,583	\$19,861	\$5,417	
211A-08	\$19,688	\$22,282	\$5,650	
211A-09	\$21,572	\$24,060	\$5,954	
211A-10	\$23,557	\$26,193	\$6,263	
211A-11	\$25,542	\$28,171	\$6,568	
211A-12	\$27,692	\$30,440	\$6,885	
211A-13	\$30,086	\$32,957	\$7,182	
211A-14	\$32,488	\$35,489	\$7,616	
211A-15	\$34,700	\$37,451	\$7,856	
211A-16	\$37,049	\$39,867	\$8,369	
211A-17	\$39,416	\$42,364	\$8,615	
211A-18	\$41,211	\$44,716	\$8,994	
211A-19	\$43,178	\$45,694	\$9,374	
211A-20	\$46,258	\$50,248	Not Available	
211A-21	\$48,192	\$52,333		
211A-22	\$49,930	\$54,005		
211A-23	\$52,041	\$56,177		
211A-24	\$54,081	\$58,258		
211A-25	\$56,087	\$60,290		
211A-26	\$58,251	\$62,508		
211A-27	\$60,381	\$64,721		
211A-28	\$62,232	\$66,712		
211A-29	\$64,042	\$68,460		
211A-30	\$66,025	\$70,491		
211A-31	\$67,974	\$72,516		
211A-32	Consult Factory			
211A-33				
211A-34				
211A-35				
211A-36				
211A-37				

(1) All pricing is subject to equipment and control system approval by the local inspector.

(2) Includes MSP control panel and panel mounting charge.

OPTIONAL IGNITION SYSTEMS In Lieu of HSP-1 Spark Ignition System

HSP Ignition Systems

(with Honeywell S8610M Spark Ignition Module)

HSP Ignition System Trade Prices			
Boiler Model	Type of Ignition	with Enclosure	
		System ^{1,2}	Trade Price Add
211A-04 thru 37	SPARK	HSP-1	STD
211A-11 thru 37	SPARK	HSP-2	\$347
211A-16 thru 37	SPARK	HSP-3	\$694
211A-26 thru 37	SPARK	HSP-4	\$1,018
211A-34 thru 37	SPARK	HSP-5	\$1,389

(1) The number (1,2, etc.) in the system designation indicates the number of electronically supervised spark ignited pilots. Remaining pilots will be thermally supervised constant burning pilots.

(2) See Ignition Systems Selection Guide on page 37 for the number of pilots furnished with each boiler.

E-*-E Electronic Control Systems

(with Honeywell RM7890A Flame Safeguard Control)

E-*-E Electronic Control System Trade Prices					
Boiler Model	Type of Ignition	w/o Control Panel ³		with Control Panel ⁴	
		*System ^{1,2}	Trade Price Add	*System ^{1,2}	Trade Price Add
211A-04 thru 37	SPARK	E1-E	\$1,023	E1-EP	\$2,080
211A-11 thru 37	SPARK	E2-E	\$2,075	E2-EP	\$3,128
211A-16 thru 37	SPARK	E3-E	\$2,935	E3-EP	\$5,048
211A-26 thru 37	SPARK	E4-E	\$3,802	E4-EP	\$8,004
211A-34 thru 37	SPARK	E5-E	\$4,661	E5-EP	\$9,389

(1) The number (1,2, etc.) in the system designation indicates the number of electronically supervised constant burning pilots. Remaining pilots will be thermally supervised constant burning pilots.

(2) See Ignition Systems Selection Guide on page 37 for the number of pilots furnished with each boiler.

(3) Not for use on packaged boilers. Use system with control panel.

(4) When used on packaged boiler, add panel mounting charge of \$400 trade for E1-EP or E2-EP system, \$802 trade for E3-EP or E4-EP system and \$1,201 trade for E5-EP system.

Series 211A™

OPTIONAL Hi-Lo FIRING SYSTEMS

Hi-Lo FIRING SYSTEMS – Natural Gas Only 5.0 In. W.C. Inlet Gas Pressure Standard A.G.A. Boilers¹

Boiler Model	5" W.C.	Trade Price Add
211A-04-05	1-1/4	\$590
211A-06	1-1/4	\$590
211A-07	1-1/2	\$609
211A-08	1-1/2	\$609
211A-09	2	\$492
211A-10	2	\$492
211A-11	2	\$492
211A-12	2	\$492
211A-13	2	\$314
211A-14-16	2-1/2	\$161
211A-17	2-1/2	\$161
211A-18	2-1/2	\$161
211A-19	(2) 2	\$1,214
211A-20-21	(2) 2	\$1,214
211A-22-23	(2) 2	\$1,214
211A-24	(2) 2	\$1,214
211A-25	(2) 2	\$213
211A-26-31	2) 2-1/2	\$213
211A-32-33	2) 2-1/2	\$213
211A-34-35	2) 2-1/2	\$213
211A-36-37	(2) 2	\$213

(1) Consult factory for applications with motorized valves, alternate gas pressures or special code requirements.

HI-LO Firing Systems use a motorized main gas valves to modulate boiler input at 50% or 100% based on changes in the system load requirements. For steam boilers, the system provides a fixed steam pressure using a pressure control located in the main system supply header. On a call for heat, the boiler fires at 100% input. As the load is partially satisfied, input modulates to 50%. Input will then modulate at 50% or 100% until the load is satisfied. HI-LO systems include factory assembled gas trains and all necessary controls.

L.P. Gas Trade Price Adders¹		
11.0 In. W.C. Inlet Gas Pressure		
Boiler Model	Gas Train Size Inches NPT	Trade Price²
211A-04-05	1	\$1,150
211A-06-08	1-1/4	\$1,113
211A-09-10	1-1/2	\$1,135
211A-11-13	2	\$939
211A-14-15	2 (E2-E)	\$2,030
211A-16-17	2 (E3-E)	\$2,958
211A-18-19	2-1/2 (E3-E)	\$2,958
211A-20-37	Consult Factory (E4E& E5E)	

(1) Must specify LP gas at time of original boiler order.

(2) Includes E1-E ignition system in lieu of HSP-1 system. On packaged boilers, add for MSP control panel and panel mounting charge (Page 37).

OPTIONAL EQUIPMENT

Standard Gas Train Components & Ignition Systems – Natural Gas

	CSA			F.M.			DB&B (Former I.R.I.)			CSD-1		
	04-12	13-18	19-37	04-12	13-18	19-37	04-12	13-18	19-37	04-12	13-18	19-37
MAIN GAS TRAIN												
Manual Main Shutoff Valve	1	1	2	1	1	2	1	1	2	1	1	2
Low Gas Pressure Switch				1	1	2	1	1	2		1	2
Gas Pressure Regulator	1	1	2	1	1	2	1	1	2	1	1	2
Diaphragm or Solenoid Gas Valve	2	2	4	1	1	2				2	1	2
Motorized Gas Valve w/Actuator				1	1	2	2	2	4		1	2
Normally Open Vent Valve							1	1	2			
High Gas Pressure Switch		1	2	1	1	2	1	1	2		1	2
Leak Test Cock										1	1	2
Manual Leak Test Shutoff Valve				1	1	1	1	1	2	1	1	2
PILOT GAS TRAIN												
Pilot Shutoff Valve	1	1	1	1	1	1	1	1	1	1	1	1
Pilot Pressure Regulator	1	1	1	1	1	1	1	1	1	1	1	1
Pilot Gas Valve	1	1	1	1	1	1	1	1	1	1	1	1
IGNITION SYSTEM^{1,2}												
HSP-1 Ignition System	1	1	1									
E1-E Electronic Control System				1	1	1	1	1	1	1	1	1

(1) Systems for F.M. and Former I.R.I. include an alarm bell with silencing switch.

(2) Former I.R.I. is now DB&B. NOV. The delay timer has been removed from this equipment.

Note: 211A-19 and larger includes (2) gas trains.

Series 211A™

OPTIONAL EQUIPMENT

Mass Code Trade Price Adder	
5" W.C. Natural Gas Only	
	Trade Price Add
630 - 999 MBH Input (Boiler Models 211A-04 and 05) Add CSD Option	See Pages 35 and 36
1000 - 2499 MBH Input (Boiler Models 211A-06 thru 12) Add CSD Option Add Lube-Plug Shut-Off Valves on 211A-11 and 12 Add Gas Pressure Switches Add Motorized and Proof-of-Closure	See Pages 35 and 36 \$544 \$372 \$1,059
2500 - 4999 MBH Input (Boiler Models 211A-13 thru 16) Add CSD Option Add Lube-Plug Shut-Off Valves Add Lo Gas Pressure Switch (High Pr.Sw. is STD) Add Proof-of-Closure to Motorized Vave Add Hi-Lo Motor Add Hi-Lo Controller (L4006A or PA404A) Boiler Models 211A-17 thru 24 Dual Gas Trains Require Twice the Above	See Pages 35 and 36 in CSD \$615 \$615 \$266 \$120 Consult Factory
Above 5000 MBH Input	Consult Factory
NOTE: Add Ignition System 4 Lamp Panel if Required	\$1,036

Indicate – MASS CODE / CSD – on purchase order.

OPTIONAL EQUIPMENT

CSD-1

Add to Trade Price - Steam (Nat. Gas Only)

Knockdown (W.C.) Trade Prices	
Boiler Model	5 in or 7 in.
211A-04*	\$1,079
211A-05*	\$1,079
211A-06*	\$1,283
211A-07*	\$1,193
211A-08*	\$1,193
211A-09*	\$1,193
211A-10*	\$1,162
211A-11*	\$1,283
211A-12*	\$1,283
211A-13**	\$1,848
211A-14**	\$1,529
211A-15**	\$1,529
211A-16**	\$2,747
211A-17***	\$2,747
211A-18***	\$2,747
211A-19***	\$2,827
211A-20***	\$2,827
211A-21***	\$2,827
211A-22***	\$2,827
211A-23***	\$2,827
211A-24***	\$2,827
211A-25*** thru 211A-46*** - Consult factory for proven low fire start requirements along with other CSD adders.	

*** Dual Gas Trains @ 5" WC

Note: Oplimit and LWCO controls included per minimum CSD.

Series 211A™

OPTIONAL EQUIPMENT

CSD-1

Add to Trade Price - Steam (Nat. Gas Only)

Packaged (W.C.) Trade Prices	
Boiler Model	5 in or 7 in.
211A-04*	\$2,638
211A-05*	\$2,638
211A-06*	\$2,844
211A-07*	\$2,753
211A-08*	\$2,753
211A-09*	\$2,338
211A-10*	\$2,338
211A-11*	\$2,844
211A-12*	\$2,844
211A-13**	\$3,248
211A-14**	\$3,248
211A-15**	\$3,248
211A-16**	\$3,248
211A-17***	\$4,325
211A-18***	\$4,325
211A-19***	\$4,455
211A-20** thru 211A-46** - Not Available Packaged	

*** Dual Gas Trains @ 5" WC

Note: Oplimit and LWCO controls included per minimum CSD.

OPTIONAL EQUIPMENT

Ignition Systems Selection Guide

Boiler Model	System ^{1,2,3}					Total Number of Pilots ³
	HSP-1 E1-E*	HSP-2 E1-E*	HSP-3 E3-E*	HSP-4 E4-E*	HSP-5 E5-E*	
211A-04 thru 10	X	–	–	–	–	1
211A-11 thru 15	X	X	–	–	–	2
211A-16 thru 25	X	X	X	–	–	3
211A-26 thru 33	X	X	X	X	–	4
211A-34 thru 37	X	X	X	X	X	5
MSP Control Panel ⁴	X (1 Panel)	X (1 Panel)	X (2 Panels)	X (2 Panels)	X (3 Panels)	–

* Add suffix "P" for control panel(s).

(1) HSP-1 is the standard system on all sizes for natural gas.

(2) "E" in E1-E, E2-E, etc. designates electric (spark) ignition of intermittent burning pilot(s).

(3) The number (1,2,etc.) in the system designation indicates the number of electronically supervised pilots. Remaining pilots will be a thermally supervised constant burning pilot.

(4) Not available with HSP ignition systems.

HSP Ignition Systems – Natural Gas Only

- Honeywell S8610M Spark Ignition Module(s)
- Spark Ignited Intermittent Burning Pilot(s)
- Pilot Pressure Regulator
- Pilot Gas Valve(s)
- Ignition and Flame Sensing Cable
- Flame Rectification w/100% Shutoff
- Enclosure

"E" System with Electric (Spark) Ignition of Pilots (Natural or LP Gas)

- Honeywell RM7890A Flame Safeguard Control(s) w/Alarm Contacts for Flame Failure
- Spark Ignited Intermittent Burning Pilot(s)
- Pilot Pressure Regulator
- Pilot Gas Valve(s)
- Ignition Transformer(s)
- Terminal Strip Assembly
- Ignition Cable and Flame Sensing Wire
- Flame Rectification w/100% Shutoff

"MSP" Control Panel (Includes Parts Listed Above for "E" System)

- Factory Prewired Panel
- Heavy Gauge Steel Cabinet
- Baked Enamel Finish
- Gasketed Door
- Honeywell RM7890 Flame Safeguard Control(s) w/Alarm Contacts for Flame Failure
- Color Coded Wiring
- Numbered Terminal Strip
- 10 Amp Fuse
- Control Switches for: Power, Pilot, Main Valve
- Signal Lamps for: Power On (Clear), Pilot On (Amber), Main Valve On (Green), Flame Failure (Red)

Series 211A™

OPTIONAL EQUIPMENT

Gas Train Sizes – Natural Gas Only¹ 5.0 In. W.C. Inlet Pressure is Standard

Boiler Model	Gas Train Size – Inches NPT											
	CSA ²			F.M. ³			DB&B (Former I.R.I.) ⁴			CSD-1 ⁵		
	5.0" W.C.	7.0" W.C.	10.0" W.C.	5.0" W.C.	7.0" W.C.	10.0" W.C.	5.0" W.C.	7.0" W.C.	10.0" W.C.	5.0" W.C.	7.0" W.C.	10.0" W.C.
211A-04-05	1-1/4	1	1	1-1/4	1	1	1-1/2	1	1	1-1/4	1	1
211A-06	1-1/4	1-1/4	1	1-1/2	1-1/4	1	2	1-1/4	1	1-1/2	1-1/4	1
211A-07	1-1/2	1-1/4	1-1/4	1-1/2	1-1/4	1	2	1-1/4	1-1/4	1-1/2	1-1/4	1
211A-08	1-1/2	1-1/4	1-1/4	1-1/2	1-1/4	1-1/4	2	1-1/2	1-1/4	1-1/2	1-1/4	1-1/4
211A-09	2	1-1/2	1-1/4	2	1-1/2	1-1/4	2	1-1/2	1-1/4	2	1-1/2	1-1/4
211A-10	2	1-1/2	1-1/4	2	2	1-1/4	2	1-1/2	1-1/4	2	2	1-1/4
211A-11	2	2	1-1/4	2	2	1-1/4	2	1-1/2	1-1/2	2	2	1-1/4
211A-12	2	2	1-1/2	2	2	1-1/2	2-1/2	2	1-1/2	2	2	1-1/2
211A-13	2	2	1-1/2	2-1/2	2	1-1/2	2-1/2	2	1-1/2	2-1/2	2	1-1/2
211A-14-16	2-1/2	2	2	2-1/2	2	1-1/2	2-1/2	2	1-1/2	2-1/2	2	1-1/2
211A-17	2-1/2	2	2	(2) 2	2	2	(2) 2	2	2	(2) 2	2	2
211A-18	2-1/2	2-1/2	2	(2) 2	2	2	(2) 2	2-1/2	2	(2) 2	2	2
211A-19	(2) 2	(2) 2	(2) 1-1/4	(2) 2	2-1/2	2	(2) 2	2-1/2	2	(2) 2	2-1/2	2
211A-20-21	(2) 2	(2) 2	(2) 1-1/4	(2) 2	(2) 2	(2) 1-1/4	(2) 2	(2) 1-1/2	(2) 1-1/2	(2) 2	(2) 2	(2) 1-1/4
211A-22-23	(2) 2	(2) 2	(2) 1-1/2	(2) 2	(2) 2	(2) 1-1/2	(2) 2-1/2	(2) 2	(2) 1-1/2	(2) 2	(2) 2	(2) 1-1/2
211A-24	(2) 2	(2) 2	(2) 1-1/2	(2) 2-1/2	(2) 2	(2) 1-1/2	(2) 2-1/2	(2) 2	(2) 1-1/2	(2) 2-1/2	(2) 2	(2) 1-1/2
211A-25	(2) 2	(2) 2	(2) 1-1/2	(2) 2-1/2	(2) 2	(2) 1-1/2	(2) 2-1/2	(2) 2	(2) 1-1/2	(2) 2-1/2	(2) 2	(2) 1-1/2
211A-26-31	(2) 2-1/2	(2) 2	(2) 2	(2) 2-1/2	(2) 2	(2) 1-1/2	(2) 2-1/2	(2) 2	(2) 1-1/2	(2) 2-1/2	(2) 2	(2) 1-1/2
211A-32-33	(2) 2-1/2	(2) 2	(2) 2	N/A	(2) 2	(2) 2	N/A	(2) 2	(2) 2	N/A	(2) 2	(2) 2
211A-34-35	(2) 2-1/2	(2) 2-1/2	(2) 2	N/A	(2) 2	(2) 2	N/A	(2) 2-1/2	(2) 2	N/A	(2) 2	(2) 2
211A-36-37	(2) 2	(2) 2	(2) 2	N/A	(2) 2-1/2	(2) 2	N/A	(2) 2-1/2	(2) 2	N/A	(2) 2-1/2	(2) 2

(1) Consult factory for LP Gas requirements.

(2) Under 2 NPT includes (2) diaphragm gas valves; 2 NPT and larger includes (1) diaphragm and (1) solenoid gas valve.

(3) Includes (1) diaphragm and (1) motorized gas valve.

(4) Includes (2) motorized gas valves.

(5) 211A-04-12 includes (2) diaphragm gas valves; 211A-13-37 includes (1) diaphragm and (1) motorized gas valve.

Note: "(2)" designates two gas trains.





PeerlessBoilers.com

Choosing Your Oil Boiler

OIL BOILERS

Background Information on Draft Requirements:

Modern boilers, with high efficiency, have a design pressure drop that is substantially higher than those which old boilers had. This situation is created by the need to increase efficiency by transferring more heat from the combusted gases to the medium. Smaller flueways, as well as the addition of bars, pins and fins to the cast iron sections, have been designed into modern boilers to "scrub" the combusted gases and transfer as much heat as possible; rather than have it escape up the chimney. However, there is a price to pay for this efficiency. It is a pressure, or draft loss, in the boiler.

This draft loss must be taken into account when installing an oil boiler into a new or old chimney. New chimneys are less likely to have poor draft. However, they must have sufficient draft to support combustion. A -.06 is desirable and preferred. Older, unlined chimneys may require a replacement liner to have them perform well enough to support combustion.

An example follows:

	Old Installation	New Installation	Comments
Chimney Draft	-.04 in.	-.04 in.	No change, but older chimneys (especially unlined ones) have leaks which reduce draft.
Boiler Design Pressure Drop	+.01 in.	+.04 in.	Required for mandated efficiency increases.
Draft Over Fire	-.03 in.	0.00 in.	The old installation would have had a higher temperature in the chimney (as high as 800 degrees vs. 400 degrees F), which would increase the draft.

The above readings are "cold" readings (before the boiler and chimneys are heated up).

A -.01 in. to -.02 in. minimum draft over fire is required for a good installation where no oil fumes would be present. The draft would vent them up the chimney.

The above discussion which concerns draft and draft loss in the boiler and chimney, is incomplete without discussing the effect on draft of the burner. Very simply, increased fuel usage (higher gallonage) requires more air for combustion and a higher draft loss; every 1/4 gallon will increase draft by +.01 in. The actual burner used on a particular boiler also effects the draft and smoke conditions. **The use of a burner supplied by PB Heat, LLC would assure you of a quality, trouble-free installation.**

Oil, Gas & Combination Gas/Oil-Fired Boilers:

Power burner inputs are applicable for elevations up to 2,000 feet above sea level. For elevations above 2,000 feet elevation consult factory.

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PeerlessBoilers.com

Series WB90™

HIGH EFFICIENCY OIL BOILER

- Residential • 90% Efficiency • ENERGY STAR® Rated
- Direct Vent or Vertical Chimney Liner
- High-Fire and Low-Fire Operation to Match Heat Load

OIL-FIRED



Standard Equipment:

- Carlin EZ H₂L Hi-Lo Burner
- Hydrostat Boiler Control with (3) Pump Outputs (Boiler, CH & DHW)
- Built-in Low Water Cut-off
- Powder Coated Boiler Jacket
- Two-piece Molded Boiler Cover
- Removable Lens to View Control
- 30 PSI Relief Valve
- Temperature-Pressure Gauge
- 120 Volt Courtesy Outlet
- Drain Tee

- Taco Circulator
- Drain Valve
- Top Cleanout

Required Additional Equipment:

- Vent Components (See Website for Specific Venting Instructions)

Optional Equipment:

- Outdoor Sensor
- Combustion Air Inlet Kit (Required on Direct Vent)

SERIES WB90™ BOILER RATINGS

Series WB90™								AHRM CERTIFIED™ www.ahrmdirectory.org	Water Content, Gallons
Boiler Model Number	Input Rate ¹				Heating Capacity ⁴ , MBH	Net Ratings ^{2,3}	AFUE ⁴ , %		
	Maximum		Minimum						
	GPH	MBH	GPH	MBH					
WB90-03	0.90	126	0.50	70	111	97	90.0	11.75	
WB90-04	1.30	182	0.75	105	160	139	90.0	14.75	

* As an ENERGY STAR® Partner, PB Heat has determined that these firing rates meet the ENERGY STAR guidelines for energy efficiency.

1 Burner input based on No. 2 fuel oil with a heating value of 140,000 Btu per gallon.

2 Net ratings based on an allowance of 1.15 for piping losses.

3 Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

4 Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government tests, with 13% CO.

Ordering Information:

Example:

WB90 – 03
Series | Sects.

OPTIONAL EQUIPMENT TRADE PRICES

Code No.	Description	Trade Price
54604	Hydrostat Outdoor Sensor	\$52
54557	Combustion Air Inlet Kit	\$177
50251	4" Barometric Draft Regulator	\$65
50344	Vertical Venting Kit – Canada	\$201

Five and ten-year Extended Warranties available; see page 120 for details.

For Additional WB90™ Product Information:

See Product Catalog Literature for Complete Product Specifications.

Series WB90™

ORDERING INFORMATION

Water – Series WB90™

Package Trade Prices (WPC')

Code No.	Series	Approx. Shipping Weight, lbs	Trade Price
1403074	WB90-03	591	\$5,278
1404075	WB90-04	705	\$5,880

(1) Water Package with Burner and Circulator

Please Note: Venting is not included in boiler price. Please be sure to purchase vent components for your unique application.

VENTING*

PB Heat Stock Code	DuraVent Article	Description	Trade Price
54086**	47PVP-OKA**	Sidewall Vent Termination Kit	\$388
54564	4PVP-VC	Vertical Vent Cap	\$57
54565	4PVP-SC	Storm Collar	\$7
54566	5TKP	Top Cover Plate	\$50
54567	4PVP-ADFM	Male Flex Adapter	\$18
54580	4PVP-15BF	BioFlex Pipe 15"	\$226
54581	4PVP-20BF	BioFlex Pipe 20"	\$286
54582	4PVP-25BF	BioFlex Pipe 25"	\$351
54583	4PVP-30BF	BioFlex Pipe 30"	\$426
54584	4PVP-35BF	BioFlex Pipe 35"	\$494
54585	4PVP-100BF	BioFlex Pipe 100" (Non Stock Special Order)	\$1,863
54568	4PVP-ADFF	Female Flex Adapter	\$18
54569	4PVP-TAD	Barometric Damper Tee	\$99
54570**	4PVP-E90**	Elbow 90°	\$89
54571**	4PVP-E45**	Elbow 45°	\$65
54572**	4PVP-6**	Straight Length Pipe 6"	\$25
54573**	4PVP-12**	Straight Length Pipe 12"	\$35
54574**	4PVP-24**	Straight Length Pipe 24"	\$54
54575**	4PVP-36**	Straight Length Pipe 36"	\$70
54576**	4PVP-60**	Straight Length Pipe 60"	\$95
54577**	4PVP-12A**	Pipe Extensions – Adjustable 12"	\$47
54578**	4PVP-28A**	Pipe Extensions – Adjustable 18"	\$75
54579**	4PVP-48A**	Pipe Extensions – Adjustable 48"	\$105

*Venting is not included in boiler price. Please be sure to purchase vent components for your unique application.

**These parts may be used in sidewall venting installations.

CRATE DIMENSIONS

Boiler Model	Length	Width	Height
WB90-03	44-3/4"	28-3/4"	47"
WB90-04	48-3/4"	28-3/4"	47"



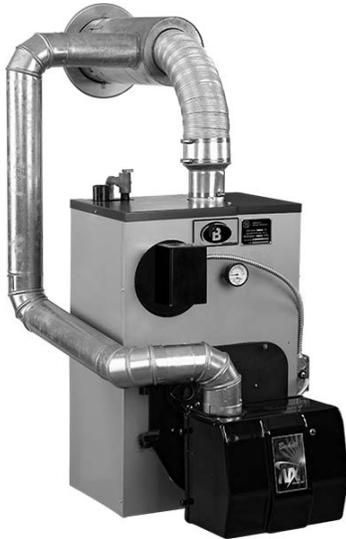


PeerlessBoilers.com

Series WV-DV™

- Residential • Fully Packaged • Direct Vent • Hot Water Boilers
- Large Water Content, Wet-Base Section Design
- High Efficiency, Sealed Combustion, Flame Retention Burners
- Solid State Burner Control with Pre- and Post-Purge • ETL Design Certified

OIL-FIRED



Standard Equipment:

- Cast Iron Sections - Factory Tested and Assembled with Steel Push Nipples
- Deluxe Powder Coated Steel Jacket
- Drain Valve
- Target Wall
- Top Cleanout
- Built-In Air Elimination Baffle
- Concentric Vent Termination Kit
- Taco 007 Circulator
- Full Plate Swing-Out Door
- Top Flue Outlet
- 30 PSI Safety Relief Valve

- Boiler Reset Control with LWCO
- Temperature-Pressure Gage
- Choice of Riello BF5, Beckett NX or Carlin EZ-1, High Efficiency, Sealed Combustion, Flame Retention Burners

Required Additional Equipment:

- Venting Components Kit (Choice of 10', 15' or 20' length)

Optional Equipment:

- Tankless Coil
- Grundfos Circulator

SERIES WV-DV™ BOILER RATINGS

Series WV-DV™						Water Content, gal
Boiler Model ¹	Input ²		Heating Capacity ³ , MBH	Net Ratings Water ⁴ , MBH	AFUE ⁵ , %	
	GPH	MBH				
WV-DV-03	0.75	105	92	80	86.7	11.75
WV-DV-03	0.85	119	103	90	85.9	11.75
WV-DV-03	1.10	154	131	114	84.1	11.75
WV-DV-04	1.15	161	141	122	86.7	14.75
WV-DV-04	1.30	182	158	137	86.0	14.75

- Boiler Model No. may have the following suffix letters: WPC = Water Package w/Burner & Circulator; WPCT = Water Package w/Burner, Circulator & Tankless Coil.
- Firing rate is based on a fuel oil with a heating value of 140,000 BTU per gallon. Burner input based on maximum altitude of 2,000 ft. – for other altitudes consult factory.
- Heating capacity based on D.O.E. Testing procedure with 13.0% CO₂ and -0.02 in. water column draft in firebox.
- The Net Ratings shown include allowance for normal piping pick-up load.
- Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government test.
- Must be used with factory supplied 4" flexible insulated venting system.

OPTIONAL EQUIPMENT TRADE PRICES¹

Description	Trade Price
Circulator: Grundfos UP 15-24F (in lieu of STD)	N/C

(1) Optional circulator must be indicated on order.
Five and ten-year Extended Warranties available; see page 120 for details.

Ordering Information:

Example:

WV - 03 - WPCT

Series Sects. WPC = Water Package w/Burner & Circulator

WPCT = Water Pkg. w/Burner, Circulator. & Tankless Coil

For Additional WV-DV™ Product Information:

See page 110 for Tankless Water Heater Ratings.
See Product Catalog Literature for Complete Product Specifications.



Series WV-DV™

ORDERING INFORMATION

Water - Series WV-DV™

Package Trade Prices (WPC¹)

Code No.	Series	No. of Sections	Burner	Approximate Shipping Weight (lbs)	Trade Price
1303071	WV-DV	03	Riello BF5 ³	565	\$5,035
1303061	WV-DV	03	Beckett NX ³	565	\$5,035
CF	WV-DV	03	Carlin EZ-1 ³	565	\$5,035
1304050	WV-DV	04	Riello BF5 ⁴	680	\$5,644
1304060	WV-DV	04	Beckett NX ⁴	680	\$5,644
CF	WV-DV	04	Carlin EZ-1 ⁴	680	\$5,644

Package Trade Prices (WPCT²)

Code No.	Series	No. of Sections	Burner	Approximate Shipping Weight (lbs)	Trade Price
1303074	WV-DV	03	Riello BF5 ³	582	\$5,414
1303064	WV-DV	03	Beckett NX ³	582	\$5,414
CF	WV-DV	03	Carlin EZ-1 ³	582	\$5,414
CF	WV-DV	04	Riello BF5 ⁴	698	\$6,039
1304063	WV-DV	04	Beckett NX ⁴	698	\$6,039
CF	WV-DV	04	Carlin EZ-1 ⁴	698	\$6,039

NOTE: WV-DV-WPC boiler designations do not allow for a tankless coil opening which makes it ideal for cold start applications and applications using an indirect-fired water heater. CF = Consult Factory.

(1) Water package with Burner and Circulator

(3) 0.75, 0.85, and 1.10 Nozzles are Included with Each Burner

(2) Water Package with Burner, Circulator, and Tankless Coil

(4) 1.15 and 1.30 Nozzles are Included with Each Burner

Concentric Vent Termination Kit

Code No.	Description	Trade Price
91776	Concentric Vent Termination Kit	N/C



Concentric Vent Termination Kit

Each boiler includes a Concentric Vent Termination Kit, shown above. In addition, each boiler also includes a 10' Flexible Vent Pipe Kit, shown below. You must note on your order if you wish to have a different vent kit accompany your boiler at the adder, shown below.

Venting Components Kit (Choose One)

Code No.	Description	Adder	Trade Price
91772	10' Flexible Vent Pipe Kit (Standard)*	N/C	\$667
91773	15' Flexible Vent Pipe Kit (in lieu of Standard)*	\$129	\$829
91774	20' Flexible Vent Pipe Kit (in lieu of Standard)*	\$246	\$966

Each Venting Components Kit Contains: 1 - Length of Flexible, Insulated, Concentric Vent Pipe; 1 - Termination Adapter; 1 - Boiler Vent Adapter; 1 - Tube of Sealant; 1 - Set of Instructions. *Note: these trade prices are in lieu of standard only.



Concentric Flexible Vent Pipe



Flexible Pipe Termination Adapter



Boiler Vent Adapter

CRATE DIMENSIONS

Boiler Model	Length	Width	Height
WV-DV-03	35"	28 1/2"	41 1/4"
WV-DV-04	43"	28 1/2"	41 1/4"



PeerlessBoilers.com

Series WBV™

- Residential - Packaged or Knockdown • Natural Draft Venting
- Flame Retention Burner • Steam or Hot Water Boilers
- Optional Tankless Coils • Rear or Top Flue Convertibility

OIL-FIRED



Standard Equipment:

- Cast Iron Sections - Factory Tested and Assembled with Steel Push Nipples
- Deluxe Powder Coated Steel Jacket
- Drain Valve
- Target Wall
- Top Cleanout
- Built-In Air Elimination Baffle
- Swing Out Door - All Boilers
- Rear Flue or Top Flue Convertible (WBV-03-04, PKG & KD) (WBV-05 - Top Flue Outlet ONLY)

Water:

- 30 PSI Safety Relief Valve
- Temperature-Pressure Gage

- Taco Circulator (WPC/WPCT Models)
- Boiler Reset Control with LWCO

Steam:

- 15 PSI Safety Valve
- Gage Glass & Gage Cocks
- Probe LWCO CG-450P (SP & SPT Models)
- Pressure Gage
- Pressure Control (SU, SP & SPT Models)

Optional Equipment:

- Draft Regulator
- Tankless Water Heater
- Plastic Front Jacket

SERIES WBV™ BOILER RATINGS

Series WBV™										Water Content, gal		Min. Stack Draft Required, in. W.C.
Boiler Model	Input		Heating Cap ⁵ , MBH		Net Ratings ⁴			AFUE, %		Water	Steam	
	GPH ¹	MBH	Water	Steam	Steam, sqft	Steam, MBH ²	Water, MBH ²	Water	Steam			
WBV-03*	0.60* [Ⓞ]	84	75	—	—	—	65	87.5*	—	11.75	—	-0.03
WBV-03	0.85	119	104	103	321	77	90	86.2	84.8	11.75	12.00	-0.04
WBV-03	1.05	147	126	124	388	93	110	85.0	83.6	11.75	12.00	-0.05
WBV-04*	0.95*	133	117	—	—	—	102	87.0*	—	14.75	—	-0.03
WBV-04	1.25	175	151	151	471	113	131	85.4	85.3	14.75	14.87	-0.04
WBV-04	1.50	210	180	179	558	134	156	85.1	84.3	14.75	14.87	-0.05
WBV-05†	1.75	245	212	—	—	—	184	85.5	—	17.75	—	-0.05
WBV-05†	1.95	273	235	—	—	—	204	85.0	—	17.75	—	-0.06

* As an ENERGY STAR® Partner, PB Heat has determined that these firing rates meet the ENERGY STAR guidelines for energy efficiency.

† Top venting only.

⊕ Nozzles for these firing rates not provided as standard equipment. Consult factory for price and availability.

Ⓞ This firing rate can only be achieved with a Riello F-3 burner. Consult PB Heat for details.

¹ Burner input based on No. 2 fuel oil with a heating value of 140,000 BTU per gallon.

² Net water ratings based on an allowance of 1.15.

³ Net steam ratings based on an allowance of 1.333.

⁴ Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

⁵ Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government tests.

⁶ Chimney Size: 8" x 8" x 15'.

Ordering Information:

Example:

WBV - 03 - WPCT

- Series Sects.
- W = Water Less Burner (KD)
 - WU = Water w/Burner (KD)
 - WPC = Water Package w/Burner & Circ.
 - WPCT = Water Pkg. w/Burner, Circ. & Tankless Coil
 - WPCO = Water Pkg. w/Burner, Circ. & Opening for Tankless Coil (Not Included)
 - WPCL = Water Pkg. w/Circ., Less Burner
 - WPCTL = Water Pkg. w/Circ. & Tankless Coil, Less Burner
 - WPCOL = Water Pkg. w/Circ. & Opening for Tankless Coil (Not Included), Less Burner
 - S = Steam Less Burner (KD)
 - SU = Steam w/Burner (KD)
 - SP = Steam Package w/Burner
 - SPT = Steam Pkg. w/Burner & Tankless Coil
 - SPL = Steam Pkg. Less Burner
 - SPTL = Steam Pkg. w/Tankless Coil, Less Burner

OPTIONAL EQUIPMENT TRADE PRICES

Code No.	Description	Trade Price
	Circulator: Grundfos UP 15-42F (in lieu of STD)	N/C
90724	Draft Regulator	\$98
91008	Beckett Burner (Black Cover, Classic Jacket Only)	\$144
	Riello 40-F5 Burner Trade Add (03-04)	\$119
	Riello 40-F10 Burner Trade Add (05)	\$403
	MM-67PE-2 LWCO in lieu of CG-450P	\$106
50680	L404F1060 Honeywell Limit	\$209
50345	Vertical Venting Kit, WBV-03/04 - Canada	\$170
50346	Vertical Venting Kit, WBV-05 - Canada	\$176

Optional circulator must be indicated on order.

PB Heat, LLC provides Beckett burners as standard equipment. Contact factory for availability and approval of Carlin and Riello burners.

Five and ten-year Extended Warranties available; see page 120 for details.

For Additional WBV™ Product Information:

See page 110 for Tankless Water Heater Ratings.

See Product Catalog Literature for Complete Product Specifications.

Series WBV™

ORDERING INFORMATION

Water Series WBV™

Knockdown Trade Prices (W¹) 3200

Boiler Model/Series	Approx. Shipping Weight (lbs)	Classic Jacket		Premium Jacket	
		Code No.	Trade Price	N/A	N/A
WBV-03	470	1403100	\$2,262		
WBV-04	590	1404100	\$2,684	N/A	N/A
WBV-05	710	1305100	\$3,215		

Knockdown Trade Prices (WU²) 3200

Boiler Model/Series	Approx. Shipping Weight (lbs)	Classic Jacket		Premium Jacket	
		Code No.	Trade Price	N/A	N/A
WBV-03	485	1403101	\$2,952		
WBV-04	605	1404101	\$3,374	N/A	N/A
WBV-05	725	1305101	\$3,905		

Package Trade Prices (WPC³)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Classic Jacket		Premium Jacket	
		Code No.	Trade Price	Code No.	Trade Price
WBV-03	565	1403054	\$3,175	1403500	\$3,175
WBV-04	682	1404054	\$3,669	1404500	\$3,669
WBV-05	802	1305102	\$4,500	1305502	\$4,500

Package Trade Prices (WPCO⁴)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Classic Jacket		Premium Jacket	
		Code No.	Trade Price	Code No.	Trade Price
WBV-03	577	1403103	\$3,329	1403506	\$3,329
WBV-04	694	1404103	\$3,737	1404506	\$3,737
WBV-05	814	1305103	\$4,572	1305506	\$4,572

Package Trade Prices (WPCT⁵)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Classic Jacket		Premium Jacket	
		Code No.	Trade Price	Code No.	Trade Price
WBV-03	582	1403058	\$3,466	1403502	\$3,466
WBV-04	699	1404058	\$3,868	1404502	\$3,868
WBV-05	819	1305104	\$4,672	1305504	\$4,672

NOTE: WBV-WPC boiler designations do not allow for a tankless coil opening which makes it ideal for cold start applications and applications using an indirect-fired water heater.

- (1) Water less Burner, Knockdown
- (2) Water w/Burner, Knockdown
- (3) Water package w/Burner and Circulator
- (4) Water Package w/Burner, Circulator and Opening for Tankless Coil (Not Included)
- (5) Water Package w/Burner, Circulator and Tankless Coil

ORDERING INFORMATION

Steam Series WBV™

Knockdown Trade Prices (S¹)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Classic Jacket		Premium Jacket	
		Code No.	Trade Price	N/A	N/A
WBV-03	535	1403105	\$2,081	N/A	N/A
WBV-04	650	1404105	\$2,502	N/A	N/A

Knockdown Trade Prices (SU²)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Classic Jacket		Premium Jacket	
		Code No.	Trade Price	N/A	N/A
WBV-03	550	1403106	\$2,958	N/A	N/A
WBV-04	665	1404106	\$3,379	N/A	N/A

Package Trade Prices (SP³)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Classic Jacket		Premium Jacket	
		Code No.	Trade Price	N/A	N/A
WBV-03	576	1403007	\$3,364	N/A	N/A
WBV-04	707	1404007	\$3,981	N/A	N/A

Package Trade Prices (SPT⁴)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Classic Jacket		Premium Jacket	
		Code No.	Trade Price	N/A	N/A
WBV-03	588	1403008	\$3,843	N/A	N/A
WBV-04	719	1404008	\$4,254	N/A	N/A

(1) Steam less Burner, Knockdown

(2) Steam w/Burner, Knockdown

(3) Steam Package w/Burner

(4) Steam Package w/Burner and Tankless Coil

Series WBV™

ORDERING INFORMATION

Water Package Less Burner

Package Trade Prices (WPCL¹)

Series	Approx. Shipping Weight (lbs)	Classic Jacket		Premium Jacket	
		Code No.	Trade Price	Code No.	Trade Price
WBV-03	533	1403055	\$2,506	1403501	\$2,506
WBV-04	650	1404055	\$3,001	1404501	\$3,001
WBV-05	770	1305031	\$3,822	1305560	\$3,822

Package Trade Prices (WPCOL²)

Series	Approx. Shipping Weight (lbs)	Classic Jacket		Premium Jacket	
		Code No.	Trade Price	Code No.	Trade Price
WBV-03	545	1403161	\$2,660	1403507	\$2,660
WBV-04	662	1404161	\$3,069	1404507	\$3,069
WBV-05	782	1305161	\$3,891	1305507	\$3,891

Package Trade Prices (WPCTL³)

Series	Approx. Shipping Weight (lbs)	Classic Jacket		Premium Jacket	
		Code No.	Trade Price	Code No.	Trade Price
WBV-03	550	1403072	\$2,799	1403503	\$2,799
WBV-04	667	1404074	\$3,201	1404503	\$3,201
WBV-05	787	1305072	\$4,005	1305562	\$4,005

Steam Package Less Burner

Package Trade Prices (SPL⁴)

Series	Approx. Shipping Weight (lbs)	Classic Jacket		Premium Jacket	
		Code No.	Trade Price	N/A	N/A
WBV-03	544	1403063	\$2,695	N/A	N/A
WBV-04	675	1404063	\$3,312	N/A	N/A

Package Trade Prices (SPTL⁵)

Series	Approx. Shipping Weight (lbs)	Classic Jacket		Premium Jacket	
		Code No.	Trade Price	N/A	N/A
WBV-03	556	1403064	\$3,175	N/A	N/A
WBV-04	687	1404064	\$3,587	N/A	N/A

(1) Water Package w/Circulator, Less Burner

(2) Water Package w/Circulator and Opening for Tankless Coil (Not Included), Less Burner

(3) Water Package w/Circulator and Tankless Coil, Less Burner

(4) Steam Package Less Burner

(5) Steam Package w/Tankless Coil, Less Burner

SEE NEXT PAGE

For Burner Carton Assemblies and Harnesses

ORDERING INFORMATION

Burner Carton Assembly with Harness

Beckett AFG Trade Prices

Code No.	Series	No. of Sections	Approx. Shipping Weight (lbs)	Trade Price
91070	WBV	03	32	\$690
91071	WBV	04	32	\$690
91072	WBV	05	32	\$690

Beckett NX Trade Prices

Code No.	Series	No. of Sections	Approx. Shipping Weight (lbs)	Trade Price
91082	WBV	03	28	\$804
91083	WBV	04	28	\$804

Carlin Trade Prices

Code No.	Series	No. of Sections	Approx. Shipping Weight (lbs)	Trade Price
91131	WBV	03	27	\$689
91132	WBV	04	27	\$689
91156	WBV	05	27	\$689

Riello Trade Prices

Code No.	Series	No. of Sections	Approx. Shipping Weight (lbs)	Trade Price
91077	WBV	03 (0.6)	28	\$804
91076	WBV	03	28	\$804
91079	WBV	04	28	\$804
91078	WBV	05	28	\$1,070

Burner Harness^{6,7}

Harness for Beckett/Carlin Burner Trade Prices

Code No.	Trade Price
50232	\$15

Harness for Riello Burner Trade Prices

Code No.	Trade Price
50921	\$48

(6) Harness Included in Burner Carton. Order Separately if Not Ordering Burner Carton.

(7) Harness Connects Burner to Polarized Connector Inside Boiler Junction Box. Harness from Junction Box to High Limit/LWCO Provided with Boiler.

Series WBV™

CLASSIC JACKET

CRATE DIMENSIONS (WPC-WPCT¹)

Boiler Model	Length	Width	Height
WBV-03	35"	28-1/2"	39-3/4"
WBV-04	43"	28-1/2"	39-3/4"
WBV-05	43"	28-1/2"	39-3/4"

CRATE DIMENSIONS (SP-SPT²)

Boiler Model	Length	Width	Height
WBV-03	40"	28-1/2"	39-3/4"
WBV-04	40"	28-1/2"	39-3/4"

PREMIUM JACKET

CRATE DIMENSIONS (WPC-WPCT¹)

Boiler Model	Length	Width	Height
WBV-03	44-3/4"	28-3/4"	47"
WBV-04	48-3/4"	28-3/4"	47"
WBV-05	52-3/4"	28-3/4"	47"

(1) Water Package w/Burner and Circulator, Water Package w/Burner, Circulator, and Tankless Coil

(2) Steam Package w/Burner, Steam Package w/Burner and Tankless Coil





PeerlessBoilers.com

Series EC/ECT™

- Residential - Packaged or Knockdown • Natural Draft Venting
- Flame Retention Burner • Steam or Hot Water Boilers
- Optional Tankless Coils

OIL-FIRED



Standard Equipment:

- Cast Iron Sections - Factory Tested and Assembled with Steel Push Nipples
- Deluxe Powder Coated Steel Jacket
- Temperature-Pressure Gage
- Drain Valve
- Draft Regulator (except W & S Models)
- Target Wall
- Swing Out Door - All Boilers
- Side Clean Out Plates

Water:

- Boiler Reset Control with LWCO
- 30 PSI Safety Relief Valve
- Taco Circulator (WPC & WPCT Models)

Steam:

- 15 PSI Safety Valve
- Pressure Gage
- Gage Glass & Gage Cocks
- Hydrolevel CG450 Probe LWCO (SP & SPT Models)
- Pressure Control (SU, SP & SPT Models)

Optional Equipment:

- Draft Regulator for W & S Models
- Tankless Water Heater
- Plastic Front Jacket

SERIES EC/ECT™ BOILER RATINGS

Series EC/ECT™												Water Content, gal		Min. Stack Draft Required in W.C.
Boiler Model	Input		Output ⁵ , MBH		Net Ratings ⁴			AFUE, %		Thermal Efficiency ⁶ , %	Combustion Efficiency, %	Water	Steam	
	GPH ¹	MBH	Water	Steam	Steam, sqft	Steam, MBH ²	Water, MBH ²	Water	Steam					
EC/ECT-03	0.75	105	92	91	283	68	80	86.6	85.4	—	—	17.40	14.16	-0.03
EC/ECT-03	1.00	140	121	120	375	90	105	85.3	84.4	—	—	17.40	14.16	-0.04
EC/ECT-03	1.20	168	144	142	446	107	125	84.0	82.9	—	—	17.40	14.16	-0.05
EC/ECT-04	1.25	175	152	151	471	113	132	86.1	85.1	—	—	21.72	17.28	-0.03
EC/ECT-04	1.50	210	181	180	563	135	157	85.2	84.5	—	—	21.72	17.28	-0.04
EC/ECT-04	1.75	245	209	208	650	156	182	84.5	83.8	—	—	21.72	17.28	-0.05
EC/ECT-05	1.75	245	214	212	663	159	186	86.2	85.6	—	—	26.04	20.40	-0.03
EC/ECT-05	2.00	280	241	240	750	180	210	85.2	84.6	—	—	26.04	20.40	-0.04
EC/ECT-05†	2.40	336	279	279	872	209	243	—	—	83.0	85.1	26.04	20.40	-0.05
EC/ECT-06†	2.75	385	321	321	1004	241	279	—	—	83.3	84.4	30.36	23.52	-0.04
EC/ECT-06†	3.00	420	347	347	1083	261	302	—	—	82.5	83.7	30.36	23.52	-0.05

† All chimneys are 8" x 8" x 20' except those models denoted with (†), which are 8" x 12" x 20'.

1 Burner input based on No. 2 fuel oil with a heating value of 140,000 BTU per gallon.

2 Net water ratings based on an allowance of 1.15.

3 Net steam ratings based on an allowance of 1.333.

4 Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

5 Output is Heating Capacity for models with inputs <300 MBH and Gross Output for models with inputs ≥300 MBH. Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government tests, with 13% CO₂ and -0.02" w.c. draft over fire.

6 Combustion efficiency, thermal efficiency and gross output are determined in accordance with BTS 2000 Testing Standard; @ 12.5% CO₂ and -0.02" w.c. draft over fire.

Ordering Information:

Example:

EC - 03 - WPCT

Series Specify EC or ECT

- Sects. W = Water Less Burner (KD)
 WU = Water w/Burner (KD)
 WUP = Water Pkg. w/Burner
 WPC = Water Pkg. w/Burner & Circ.
 WPCT = Water Pkg. w/Burner, Circ. & Tankless Coil
 WPCL = Water Pkg. w/Circ., Less Burner
 WPCTL = Water Pkg. w/Circ. & Tankless Coil, Less Burner
 S = Steam Less Burner (KD)
 SU = Steam w/Burner (KD)
 SUP = Steam Package w/Burner
 SP = Steam Package w/Burner
 SPT = Steam Pkg. w/Burner & Tankless Coil
 SPL = Steam Pkg. Less Burner
 SPTL = Steam Pkg. w/Tankless Coil, Less Burner

OPTIONAL EQUIPMENT TRADE PRICES

Code No.	Description	Trade Price
	50 PSI Working Pressure Sections (water only)	\$57 Per Section
	Circulator: Grundfos 15-42F Grundfos 26-64 I.L.O STD.	N/C \$208
91008	Beckett Burner (Black Cover, Classic Jacket Only)	\$144
	Carlin 102CRD (in lieu of Beckett) on EC-06	N/C
	Riello 40-F5 Burner Trade Add (03-04 at 1.25 GPH)	\$119
	Riello 40-F10 Burner Trade Add (04-06)	\$403
	Beckett BAR - NYC Oil	\$244
	Carlin BAR - NYC Oil	\$264
50680	L404F1060 Honeywell Limit	\$209
29003	McDonnell & Miller 67PE-2 Type LWCO (in lieu of probe type on steam boilers)	\$106

Optional circulator must be indicated on order.

PB Heat, LLC provides Beckett burners as standard equipment on models EC/ECT-03- EC/ECT-05. Carlin standard on model EC/ECT-06. Contact factory for availability and approval of Carlin and Riello burners.

Five and ten-year Extended Warranties available; see page 120 for details.

For Additional EC/ECT™ Product Information:

See page 110 for Tankless Water Heater Ratings.

See Product Catalog Literature for Complete Product Specifications.

Series EC/ECT™

ORDERING INFORMATION

Water

Knockdown Trade Prices (W¹)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price
EC-03	570	1503100	\$2,740
EC-04	710	1504100	\$3,329
EC-05	840	1505100	\$4,130
EC-06	990	1506100	\$4,519

Knockdown Trade Prices (WU²)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price	WUP ⁵ Adder
EC-03	610	1503101	\$3,554	—
EC-04	760	1504101	\$4,146	—
EC-05	880	1505101	\$4,952	\$1,128
EC-06	1,030	1506143	\$5,358	\$1,128

Package Trade Prices (WPC³)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price
EC-03	711	1503020	\$3,954
EC-04	854	1504008	\$4,524

Package Trade Prices (WPCT⁴)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price
EC-03	728	1503021	\$4,342
EC-04	871	1504011	\$4,918

Steam

Knockdown Trade Prices (S⁶)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price
EC-03	570	1503104	\$2,548
EC-04	710	1504104	\$3,137
EC-05	840	1505104	\$3,938
EC-06	990	1506104	\$4,327

Knockdown Trade Prices (SU⁷)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price	SUP ⁸ Adder
EC-03	610	1503105	\$3,554	—
EC-04	760	1504105	\$4,146	—
EC-05	880	1505105	\$4,952	\$1,128
EC-06	1,030	1506142	\$5,358	\$1,128

(1) Water less Burner, Knockdown

(2) Water w/Burner, Knockdown

(3) Water Package w/Burner and Circulator

(4) Water Package w/Burner, Circulator, and Tankless Coil

(5) Water Package w/Burner

(6) Steam less Burner, Knockdown

(7) Steam w/Burner, Knockdown

(8) Steam Package w/Burner

ORDERING INFORMATION

Water

Knockdown Trade Prices (W¹) 3250

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price
ECT-03	570	1603100	\$2,770
ECT-04	710	1604100	\$3,376
ECT-05	840	1605100	\$4,064
ECT-06	990	1606100	\$4,798

Knockdown Trade Prices (WU²) 3250

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price	WUP ⁵ Adder
ECT-03	610	1603101	\$3,584	—
ECT-04	760	1604101	\$4,193	—
ECT-05	880	1605101	\$4,886	\$1,128
ECT-06	1,030	1606145	\$5,637	\$1,128

Steam

Knockdown Trade Prices (S⁶)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price
ECT-03	570	1603102	\$2,578
ECT-04	710	1604102	\$3,184
ECT-05	840	1605102	\$3,872
ECT-06	990	1606102	\$4,606

Knockdown Trade Prices (SU⁷)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price	SUP ⁸ Adder
ECT-03	610	1603103	\$3,584	—
ECT-04	760	1604103	\$4,193	—
ECT-05	880	1605103	\$4,886	\$1,128
ECT-06	1,030	1606146	\$5,637	\$1,128

Package Trade Prices (SP⁸)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price
ECT-03	703	1603020	\$3,957
ECT-04	837	1604011	\$4,547

Package Trade Prices (SPT⁹)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price
ECT-03	715	1603021	\$4,342
ECT-04	849	1604010	\$4,918

(1) Water less Burner, Knockdown

(2) Water w/Burner, Knockdown

(3) Water Package w/Burner and Circulator

(4) Water Package w/Burner, Circulator, and Tankless Coil

(5) Water Package w/Burner

(6) Steam less Burner, Knockdown

(7) Steam w/Burner, Knockdown

(8) Steam Package w/Burner

(9) Steam Package w/Burner and

Tankless Coil

Series EC/ECT™

ORDERING INFORMATION

Water Package Less Burner

Package Trade Prices (WPCL¹) 3250

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price
EC-03	679	1503018	\$3,237
EC-04	822	1504009	\$3,805

Package Trade Prices (WPCTL²) 3250

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price
EC-03	696	1503019	\$3,625
EC-04	839	1504010	\$4,200

Steam Package Less Burner

Package Trade Prices (SPL³)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price
ECT-03	671	1603014	\$3,242
ECT-04	805	1604013	\$3,830

Package Trade Prices (SPTL⁴)

Boiler Model/Series	Approx. Shipping Weight (lbs)	Code No.	Trade Price
ECT-03	683	1603314	\$3,625
ECT-04	817	1604313	\$4,200

- (1) Water Package w/Circulator, Less Burner
 (2) Water Package w/Circulator and Tankless Coil, Less Burner
 (3) Steam Package Less Burner
 (4) Steam Package w/Tankless Coil, Less Burner

SEE NEXT PAGE
 For Burner Carton Assemblies and Harnesses

ORDERING INFORMATION - SERIES EC/ECT™

Burner Carton Assembly with Harness

Beckett AFG Trade Prices

Code No.	Series	No. of Sections	Approx. Shipping Weight (lbs)	Trade Price
91056	EC/ECT	03	32	\$718
91057	EC/ECT	04	32	\$718
91058	EC/ECT	05	32	\$718
91055	EC/ECT	06	40	\$718

Carlin Trade Prices

Code No.	Series	No. of Sections	Approx. Shipping Weight (lbs)	Trade Price
91153	EC/ECT	03	27	\$718
91154	EC/ECT	04	27	\$718
91155	EC/ECT	05	27	\$718
91157	EC/ECT	06	27	\$718

Riello Trade Prices

Code No.	Series	No. of Sections	Approx. Shipping Weight (lbs)	Trade Price
91063	EC/ECT	03	28	\$836
91068	EC/ECT	04	28	\$1,113
91064	EC/ECT	05	32	\$1,113
91067	EC/ECT	06	32	\$1,113

Burner Harness^{5, 6}

Harness for Beckett/Carlin Burner Trade Prices

Code No.	Trade Price
50919	\$20

Harness for Riello Burner Trade Prices

Code No.	Trade Price
50922	\$20

(5) Harness Included in Burner Carton. Order Separately if Not Ordering Burner Carton.

(6) Harness Connects Burner to Polarized Connector Inside Boiler Junction Box. Harness from Junction Box to High Limit/LWCO Provided with Boiler.

Series EC/ECT™

CRATE DIMENSIONS (WPC-WPCT/SP-SPT¹)

Boiler Model	Length	Width	Height
EC/ECT-03	40-1/2"	28-1/2"	47"
EC/ECT-04	40-1/2"	28-1/2"	47"
EC/ECT-05	48"	28-1/2"	47"
EC/ECT-06	48"	28-1/2"	47"

(1) Water Package w/Burner and Circulator, Water Package w/Burner, Circulator and Tankless Coil, Steam Package w/Burner, Steam Package w/Burner and Tankless Coil.



Series SC/SCT™

SC-BECKETT OIL-FIRED TRADE PRICES

Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Approx. Shipping Weight (lbs.)	Beckett			
				Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	SC Trade Price	Packaged Adder
O-SC-05	2.80	327	9.8	1,022	245	284	7"	815	CF500	1/3	\$5,950	\$2,581
O-SC-06	3.50	409	12.2	1,278	307	356	9"	910	CF500	1/3	\$6,476	\$2,822
O-SC-07	4.00	468	14.0	1,463	351	407	9"	1,005	CF800	1/3	\$7,100	\$3,009
O-SC-08	4.50	527	15.8	1,642	395	458	9"	1,100	CF800	1/3	\$7,720	\$3,223
O-SC-09	5.00	722	17.5	1,832	440	510	10"	1,195	CF800	1/3	\$8,456	\$3,436
O-SC-10	5.50	645	19.3	2,016	484	561	10"	1,280	CF800	1/3	\$8,848	\$3,654

SCT-BECKETT OIL-FIRED TRADE PRICES

Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Approx. Shipping Weight (lbs.)	Beckett			
				Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	SCT Trade Price	Packaged Adder
O-SCT-05	2.80	327	9.8	1,022	245	284	7"	815	CF500	1/3	\$6,148	\$2,581
O-SCT-06	3.50	409	12.2	1,278	307	356	9"	910	CF500	1/3	\$6,759	\$2,822
O-SCT-07	4.00	468	14.0	1,463	351	407	9"	1,005	CF800	1/3	\$7,185	\$3,009
O-SCT-08	4.50	527	15.8	1,642	395	458	9"	1,100	CF800	1/3	\$7,805	\$3,223
O-SCT-09	5.00	722	17.5	1,832	440	510	10"	1,195	CF800	1/3	\$8,535	\$3,436
O-SCT-10	5.50	645	19.3	2,016	484	561	10"	1,280	CF800	1/3	\$8,927	\$3,654

OPTIONAL BECKETT OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Model WU or SU	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Control				
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		7505C CC	RM7897A V.L.	RM7840L V.L.	RM7840M V.L.	RM7800L V.L.
O-SC/SCT-05-06	CF500	N/A	\$1,244	STD	\$130	N/A	\$2,126	STD	N/A	\$1,599	\$1,698	N/A
O-SC/SCT-07-10	CF800	N/A	\$1,244	STD	\$130	N/A	\$2,126	STD	N/A	\$1,599	\$1,698	N/A

OPTIONAL BECKETT OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Model WU or SU	Standard (UL) Operating Modes				FM Operating Modes				GE GAP	Remote Pump Set	
	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	120-60-1	3 Phase
O-SC/SCT-05-06	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A	STD	N/A	N/A
O-SC/SCT-07-10	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A	STD	N/A	N/A

STD= Standard; N/A= Not Available; N/C= No Charge

CCT Includes Burner Panel; Panel shipped separate for remote mounting.

GeniSys Display add \$80 to trade

BAR - NYC Oil, Add \$252 Trade

Series SC/SCT™

SC-CARLIN OIL-FIRED TRADE PRICES

Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Approx. Shipping Weight (lbs.)	Carlin			
				Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	SC Trade Price	Packaged Adder
O-SC-05	2.80	327	9.8	1,022	245	284	7"	815	201CRD	1/4	\$6,038	\$2,581
O-SC-06	3.50	409	12.2	1,278	307	356	9"	910	201CRD	1/4	\$6,564	\$2,822
O-SC-07	4.00	468	14.0	1,463	351	407	9"	1,005	201CRD	1/4	\$7,132	\$3,009
O-SC-08	4.50	527	15.8	1,642	395	458	9"	1,100	201CRD	1/4	\$7,752	\$3,144
O-SC-09	5.00	722	17.5	1,832	440	510	10"	1,195	301CRD	1/4	\$8,541	\$3,352
O-SC-10	5.50	645	19.3	2,016	484	561	10"	1,280	301CRD	1/4	\$8,933	\$3,654

SCT-CARLIN OIL-FIRED TRADE PRICES

Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Approx. Shipping Weight (lbs.)	Carlin			
				Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	SCT Trade Price	Packaged Adder
O-SCT-05	2.80	327	9.8	1,022	245	284	7"	815	201CRD	1/4	\$6,236	\$2,581
O-SCT-06	3.50	409	12.2	1,278	307	356	9"	910	201CRD	1/4	\$6,847	\$2,822
O-SCT-07	4.00	468	14.0	1,463	351	407	9"	1,005	201CRD	1/4	\$7,217	\$3,009
O-SCT-08	4.50	527	15.8	1,642	395	458	9"	1,100	201CRD	1/4	\$7,837	\$3,144
O-SCT-09	5.00	722	17.5	1,832	440	510	10"	1,195	301CRD	1/4	\$8,620	\$3,352
O-SCT-10	5.50	645	19.3	2,016	484	561	10"	1,280	301CRD	1/4	\$9,012	\$3,654

OPTIONAL CARLIN OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Model WU or SU	Burner	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Control				
	Model	Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		CCT 40200	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
O-SC/SCT-05-08	201CRD	\$1,264	\$1,280	STD	\$632	\$1,276	Incl.	STD	\$1,477	\$1,455	\$3,442	\$4,426
O-SC/SCT-09-10	301CRD	\$1,264	\$1,280	STD	\$632	\$1,276	Incl.	STD	\$1,477	\$1,455	\$3,442	\$4,426

OPTIONAL CARLIN OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Model WU or SU	Standard (UL) Operating Modes				FM Operating Modes				GE GAP	Remote Pump Set	
	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi- Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	120-60-1	3 Phase
O-SC/SCT-05-08	STD	N/A	N/A	N/A	\$2,480	N/A	N/A	N/A	Std	CF	CF
O-SC/SCT-09-10	STD	N/A	N/A	N/A	\$2,480	N/A	N/A	N/A	Std	CF	CF

STD= Standard; N/A= Not Available; CF= Consult Factory
 CCT 60200 is Standard. R7184B is available at \$18 trade additional
 BAR - NYC Oil, Add \$471 Trade

Series SC/SCT™

SC-POWERFLAME OIL-FIRED TRADE PRICES

Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Approx. Shipping Weight (lbs.)	PowerFlame "CR"			
				Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	SC Trade Price	Packaged Adder
O-SC-05	2.80	327	9.8	1,022	245	284	7"	815	CR1-O	1/4	\$9,010	\$2,581
O-SC-06	3.50	409	12.2	1,278	307	356	9"	910	CR1-O	1/4	\$9,536	\$2,822
O-SC-07	4.00	468	14.0	1,463	351	407	9"	1,005	CR1-O	1/4	\$10,104	\$3,009
O-SC-08	4.50	527	15.8	1,642	395	458	9"	1,100	CR1-O	1/4	\$10,724	\$3,223
O-SC-09	5.00	722	17.5	1,832	440	510	10"	1,195	CR1-O	1/4	\$11,838	\$3,436
O-SC-10	5.50	645	19.3	2,016	484	561	10"	1,280	CR1-O	1/4	\$12,230	\$3,654

SCT-POWERFLAME OIL-FIRED TRADE PRICES

Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Approx. Shipping Weight (lbs.)	PowerFlame "CR"			
				Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	SCT Trade Price	Packaged Adder
O-SCT-05	2.80	327	9.8	1,022	245	284	7"	815	CR1-O	1/4	\$9,208	\$2,581
O-SCT-06	3.50	409	12.2	1,278	307	356	9"	910	CR1-O	1/4	\$9,819	\$2,822
O-SCT-07	4.00	468	14.000	1,463	351	407	9"	1,005	CR1-O	1/4	\$10,189	\$3,009
O-SCT-08	4.50	527	15.8	1,642	395	458	9"	1,100	CR1-O	1/4	\$10,809	\$3,223
O-SCT-09	5.00	722	17.5	1,832	440	510	10"	1,195	CR1-O	1/4	\$11,917	\$3,436
O-SCT-10	5.50	645	19.3	2,016	484	561	10"	1,280	CR1-O	1/4	\$12,309	\$3,654

OPTIONAL POWERFLAME OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Model WU or SU	Burner	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Control				
	Model	Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		R7284P CC.	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
O-SC/SCT-05-10	CR1-O	STD	\$645	STD	\$130	\$367	\$450	STD	\$685	\$685	\$685	\$1,662

OPTIONAL POWERFLAME OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Model WU or SU	Standard (UL) Operating Modes				FM Operating Modes				GE GAP	Remote Pump Set	
	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi- Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	120-60-1	3 Phase
O-SC/SCT-05-08	STD	\$683	\$899	\$2,503	STD	\$683	\$899	\$2,503	\$130	\$3,055	\$3,335
O-SC/SCT-09-10	STD	\$306	\$522	\$2,126	STD	\$306	\$522	\$2,126	\$130	\$3,055	\$3,335

STD= Standard; N/A= Not Available; CF= Consult Factory

Series SC/SCT™

SC-BECKETT GAS-FIRED TRADE PRICES

Boiler Model WU or SU	Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Beckett					
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.	SC Trade Price	Packaged Adder
G-SC-SC-05	404	327	9.8	1022	245	284	7"	CG10.1	1"	4.5"	1/4	\$8,693	\$2,665
G-SC-SC-06	505	409	12.2	1278	307	356	9"	CG10.3	1"	4.1"	1/4	\$9,219	\$2,906
G-SC-SC-07	577	468	14.0	1463	351	407	9"	CG10.3	1"	4.5"	1/4	\$9,787	\$3,094
G-SC-SC-08	649	527	15.8	1642	395	458	9"	CG10.4S	1"	5.7"	1/4	\$10,465	\$3,307
G-SC-SC-09	722	722	17.5	1832	440	510	10"	CG10.4S	1"	6.1"	1/4	\$11,201	\$3,520
G-SC-SC-10	794	645	19.3	2016	484	561	10"	CG10.5S	1"	6.2"	1/4	\$11,593	\$3,738

SCT-BECKETT GAS-FIRED TRADE PRICES

Boiler Model WU or SU	Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Beckett					
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.	SCT Trade Price	Packaged Adder
G-SCT-05	404	327	9.8	1,022	245	284	7"	CG10.1	1"	4.5"	1/4	\$8,891	\$2,665
G-SCT-06	505	409	12.2	1,278	307	356	9"	CG10.3	1"	4.1"	1/4	\$9,502	\$2,906
G-SCT-07	577	468	14.0	1,463	351	407	9"	CG10.3	1"	4.5"	1/4	\$9,872	\$3,094
G-SCT-08	649	527	15.8	1,642	395	458	9"	CG10.4S	1"	5.7"	1/4	\$10,550	\$3,307
G-SCT-09	722	722	17.5	1,832	440	510	10"	CG10.4S	1"	6.1"	1/4	\$11,280	\$3,520
G-SCT-10	794	645	19.3	2,016	484	561	10"	CG10.5S	1"	6.2"	1/4	\$11,672	\$3,738

OPTIONAL BECKETT GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Model WU or SU	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Control					
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A F.R.	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.	
G-SC/SCT- 05-10	CG10.5S	N/A	\$1,223	STD	\$130	N/A	\$2,105	STD	CF	CF	CF	CF	CF

OPTIONAL BECKETT GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Model WU or SU	Standard (UL) Operating Modes				FM Operating Modes*				GE GAP	Wiring Whip for Gas Train
	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi- Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	
G-SC/SCT- 05-10	STD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	STD	\$84

STD= Standard; N/A= Not Available; CF= Consult Factory

CCT Includes Burner Panel; Panel shipped separate for remote mounting. Beckett Control Panel price includes power-on and fuel-on and terminal strip.

Additional lights, relays and alarms available.

*Does not include motorized valve

Series SC/SCT™

SC-CARLIN GAS-FIRED TRADE PRICES

Boiler Model WU or SU	Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	CARLIN					
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.	SC Trade Price	Packaged Adder
G-SC-05	404	327	9.8	1,022	245	284	7"	301 GAS	1"	5.0"	1/6	\$8,051	\$2,665
G-SC-06	505	409	12.2	1,278	307	356	9"	301GAS	1"	5.0"	1/6	\$8,577	\$2,906
G-SC-07	577	468	14.0	1,463	351	407	9"	301GAS	1"	5.0"	1/6	\$9,145	\$3,094
G-SC-08	649	527	15.8	1,642	395	458	9"	301GAS	1"	5.0"	1/6	\$9,765	\$3,228
G-SC-09	722	722	17.5	1,832	440	510	10"	301GAS	1"	5.0"	1/6	\$10,501	\$3,436
G-SC-10	794	645	19.3	2,016	484	561	10"	301GAS	1"	5.0"	1/6	\$10,893	\$3,738

SCT-CARLIN GAS-FIRED TRADE PRICES

Boiler Model WU or SU	Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	CARLIN					
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.	SCT Trade Price	Packaged Adder
G-SCT-05	404	327	9.8	1,022	245	284	7"	301 GAS	1"	5.0"	1/6	\$8,249	\$2,665
G-SCT-06	505	409	12.2	1,278	307	356	9"	301GAS	1"	5.0"	1/6	\$8,860	\$2,906
G-SCT-07	577	468	14.0	1,463	351	407	9"	301GAS	1"	5.0"	1/6	\$9,230	\$3,094
G-SCT-08	649	527	15.8	1,642	395	458	9"	301GAS	1"	5.0"	1/6	\$9,850	\$3,228
G-SCT-09	722	722	17.5	1,832	440	510	10"	301GAS	1"	5.0"	1/6	\$10,580	\$3,436
G-SCT-10	794	645	19.3	2,016	484	561	10"	301GAS	1"	5.0"	1/6	\$10,972	\$3,738

OPTIONAL CARLIN GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Model WU or SU	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Control				
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A F.R.	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
G-SC/SCT-05-06	301 GAS	CF	CF	STD	\$632	\$1,276	STD	\$1,477	\$1,455	\$3,442	\$4,426	CF
G-SC/SCT-07-10	301GAS	CF	CF	STD	\$632	\$1,276	STD	\$1,477	\$1,455	\$3,442	\$4,426	CF

OPTIONAL CARLIN GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Model WU or SU	Standard (UL) Operating Modes				FM Operating Modes*				GE GAP	Pre-piped & Wired Gas Train
	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	
G-SC/SCT-05-06	Incl.	STD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Std
G-SC/SCT-07-10	Incl.	STD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Std

STD= Standard; N/A= Not Available; CF= Consult Factory

*Does not include gas pressure switches or motorized valve.

Series SC/SCT™

SC-MIDCO GAS-FIRED TRADE PRICES

Boiler Model WU or SU	Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	MIDCO					
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.	SC Trade Price	Packaged Adder
G-SC-05	404	327	9.8	1,022	245	284	7"	RE6850/B *	1"	4.5"	1/6	\$9,613	\$2,665
G-SC-06	505	409	12.2	1,278	307	356	9"	RE6850/B *	1"	4.5"	1/6	\$10,139	\$2,906
G-SC-07	577	468	14.0	1,463	351	407	9"	RE6850/B *	1"	4.5"	1/6	\$10,707	\$3,094
G-SC-08	649	527	15.8	1,642	395	458	9"	RE6850/B *	1"	4.5"	1/6	\$11,327	\$3,307
G-SC-09	722	722	17.5	1,832	440	510	10"	RE6850/B *	1"	5.0"	1/6	\$12,063	\$3,520
G-SC-10	794	645	19.3	2,016	484	561	10"	RE6850/B *	1"	6.0"	1/6	\$12,455	\$3,738

SCT-MIDCO GAS-FIRED TRADE PRICES

Boiler Model WU or SU	Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	MIDCO					
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.	SCT Trade Price	Packaged Adder
G-SCT-05	404	327	9.8	1,022	245	284	7"	RE6850/B *	1"	4.5"	1/6	\$9,811	\$2,665
G-SCT-06	505	409	12.2	1,278	307	356	9"	RE6850/B *	1"	4.5"	1/6	\$10,422	\$2,906
G-SCT-07	577	468	14.0	1,463	351	407	9"	RE6850/B *	1"	4.5"	1/6	\$10,792	\$3,094
G-SCT-08	649	527	15.8	1,642	395	458	9"	RE6850/B *	1"	4.5"	1/6	\$11,412	\$3,307
G-SCT-09	722	722	17.5	1,832	440	510	10"	RE6850/B *	1"	5.0"	1/6	\$12,142	\$3,520
G-SCT-10	794	645	19.3	2,016	484	561	10"	RE6850/B *	1"	6.0"	1/6	\$12,534	\$3,738

OPTIONAL MIDCO GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Model WU or SU	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Control				
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A F.R.	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
G-SC/SCT-05-10	RE6850/B*	N/A	\$1,355	STD	\$109	N/A	N/A	STD	\$136	\$228	\$2,019	N/A

OPTIONAL MIDCO GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Model WU or SU	Standard (UL) Operating Modes				FM Operating Modes**				GE GAP
	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD
G-SC/SCT-05-10	STD	N/A	\$1,205	\$1,534	\$1,500	N/A	\$2,705	\$3,034	STD.

STD= Standard; N/A= Not Available; CF= Consult Factory

*(B) The 24 volt burner requires line voltage for the motor and includes a 120/24v transformer for the valve and module. 24 volt burner deduct of (\$906)

Panel shipped separate for remote mounting.

**Does not include gas pressure switches or motorized valve.

Series SC/SCT™

SC-POWERFLAME "JR" GAS-FIRED TRADE PRICES													
Boiler Model WU or SU	Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	POWERFLAME "JR"					
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.	SC Trade Price	Packaged Adder
G-SC-05	404	327	9.8	1,022	245	284	7"	JR15A-10	1"	3.7"	1/4	\$8,217	\$3,499
G-SC-06	505	409	12.2	1,278	307	356	9"	JR15A-10	1"	4.0"	1/4	\$8,743	\$3,740
G-SC-07	577	468	14.0	1,463	351	407	9"	JR15A-10	1"	4.3"	1/4	\$9,311	\$3,927
G-SC-08	649	527	15.8	1,642	395	458	9"	JR30A-10	1"	4.0"	1/3	\$9,931	\$4,141
G-SC-09	722	722	17.5	1,832	440	510	10"	JR30A-10	1"	4.4"	1/3	\$10,716	\$4,354
G-SC-10	794	645	19.3	2,016	484	561	10"	JR30A-10	1"	4.4"	1/3	\$11,108	\$4,572

SCT-POWERFLAME "JR" GAS-FIRED TRADE PRICES													
Boiler Model WU or SU	Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	POWERFLAME "JR"					
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.	SCT Trade Price	Packaged Adder
G-SCT-05	404	327	9.8	1,022	245	284	7"	JR15A-10	1"	3.7"	1/4	\$8,415	\$3,499
G-SCT-06	505	409	12.2	1,278	307	356	9"	JR15A-10	1"	4.0"	1/4	\$9,026	\$3,740
G-SCT-07	577	468	14.0	1,463	351	407	9"	JR15A-10	1"	4.3"	1/4	\$9,396	\$3,927
G-SCT-08	649	527	15.8	1,642	395	458	9"	JR30A-10	1"	4.0"	1/3	\$10,016	\$4,141
G-SCT-09	722	722	17.5	1,832	440	510	10"	JR30A-10	1"	4.4"	1/3	\$10,795	\$4,354
G-SCT-10	794	645	19.3	2,016	484	561	10"	JR30A-10	1"	4.4"	1/3	\$11,187	\$4,572

OPTIONAL POWERFLAME "JR" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price												
Boiler Model WU or SU	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Control				
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A F.R.	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
G-SC/SCT-05-07	JR15A-10	\$408	\$1,053	STD	\$207	\$446	\$803	STD	\$134	\$134	\$1,010	\$1,405
G-SC/SCT-08-10	JR30A-10	\$408	\$1,053	STD	\$130	\$367	\$803	STD	\$134	\$134	\$1,010	\$1,405

OPTIONAL POWERFLAME "JR" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price										
Boiler Model WU or SU	Standard (UL) Operating Modes				FM Operating Modes*				GE GAP	Pre-piped & Wired Gas Train
	On-Off	Lo-Hi- Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi- Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	
G-SC/SCT-05-07	STD	\$826	\$1,287	\$2,062	N/C *	\$826	\$1,287	\$1,761	\$135	\$918
G-SC/SCT-08-10	STD	\$826	\$1,289	\$2,065	N/C *	\$826	\$1,289	\$1,764	\$135	\$918

STD= Standard; N/A= Not Available; CF= Consult Factory

*Does not include gas pressure switches or motorized valve.

Series SC/SCT™

SC-POWERFLAME "CR" GAS-FIRED TRADE PRICES													
Boiler Model WU or SU	Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	POWERFLAME "CR"					
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.	SC Trade Price	Packaged Adder
G-SC-SC-05	404	327	9.8	1,022	245	284	7"	CR1-G-10	1"	3.7"	1/4	\$10,313	\$3,499
G-SC-SC-06	505	409	12.2	1,278	307	356	9"	CR1-G-10	1"	4.0"	1/4	\$10,839	\$3,740
G-SC-SC-07	577	468	14.0	1,463	351	407	9"	CR1-G-10	1"	4.3"	1/4	\$11,407	\$3,927
G-SC-SC-08	649	527	15.8	1,642	395	458	9"	CR1-G-10	1"	4.0"	1/3	\$12,027	\$4,141
G-SC-SC-09	722	722	17.5	1,832	440	510	10"	CR1-G-10	1"	4.4"	1/3	\$12,763	\$4,354
G-SC-SC-10	794	645	19.3	2,016	484	561	10"	CR1-G-10	1"	4.4"	1/3	\$13,155	\$4,572

SCT-POWERFLAME "CR" GAS-FIRED TRADE PRICES													
Boiler Model WU or SU	Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	POWERFLAME "CR"					
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.	SCT Trade Price	Packaged Adder
G-SCT-05	404	327	9.8	1,022	245	284	7"	CR1-G-10	1"	3.7"	1/4	\$10,511	\$3,499
G-SCT-06	505	409	12.2	1,278	307	356	9"	CR1-G-10	1"	4.0"	1/4	\$11,122	\$3,740
G-SCT-07	577	468	14.0	1,463	351	407	9"	CR1-G-10	1"	4.3"	1/4	\$11,492	\$3,927
G-SCT-08	649	527	15.8	1,642	395	458	9"	CR1-G-10	1"	4.0"	1/3	\$12,112	\$4,141
G-SCT-09	722	722	17.5	1,832	440	510	10"	CR1-G-10	1"	4.4"	1/3	\$12,842	\$4,354
G-SCT-10	794	645	19.3	2,016	484	561	10"	CR1-G-10	1"	4.4"	1/3	\$13,234	\$4,572

OPTIONAL POWERFLAME "CR" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price												
Boiler Model WU or SU	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Control				
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A F.R.	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
G-SC-SCT-05-10	CR1-G-10	STD	\$645	STD	\$130	\$367	\$450	N/A	STD	N/C	\$884	\$1,279

OPTIONAL POWERFLAME "CR" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price										
Boiler Model WU or SU	Standard (UL) Operating Modes				FM Operating Modes*				GE GAP	Pre-piped & Wired Gas Train
	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	
G-SC-SCT-05-10	STD	\$650	\$1,121	\$1,981	N/C *	\$650	\$1,121	\$1,981	\$135	\$918

STD= Standard N/A= Not Available CF= Consult Factory
 *Does not include gas pressure switches or motorized valve.

Series SC/SCT™

SC-POWERFLAME "CR" GAS / OIL / OIL-FIRED TRADE PRICES														
Boiler Model WU or SU	Oil Input GPH	Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	POWERFLAME "CR"					
					Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.	SC Trade Price	Packaged Adder
GO-SC-05	2.80	404	327	9.8	1,022	245	284	7"	CR1-GO-10	1"	3.7"	1/3	\$11,139	\$3,499
GO-SC-06	3.50	505	409	12.2	1278	307	356	9"	CR1-GO-10	1"	4.0"	1/3	\$11,665	\$3,740
GO-SC-07	4.00	577	468	14.0	1463	351	407	9"	CR1-GO-10	1"	4.3"	1/3	\$12,233	\$3,927
GO-SC-08	4.50	649	527	15.8	1642	395	458	9"	CR1-GO-10	1"	4.0"	1/3	\$12,853	\$4,141
GO-SC-09	5.00	722	722	17.5	1832	440	510	10"	CR1-GO-10	1"	4.4"	1/3	\$14,023	\$4,354
GO-SC-10	5.50	794	645	19.3	2016	484	561	10"	CR1-GO-10	1"	4.4"	1/3	\$14,415	\$4,572

SCT-POWERFLAME "CR" GAS / OIL FIRED TRADE PRICES														
Boiler Model WU or SU	Oil Input GPH	Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	POWERFLAME "CR"					
					Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.	SCT Trade Price	Packaged Adder
GO-SCT-05	2.80	404	327	9.8	1022	245	284	7"	CR1-GO-10	1"	3.7"	1/3	\$11,337	\$3,499
GO-SCT-06	3.50	505	409	12.2	1278	307	356	9"	CR1-GO-10	1"	4.0"	1/3	\$11,948	\$3,740
GO-SCT-07	4.00	577	468	14.0	1463	351	407	9"	CR1-GO-10	1"	4.3"	1/3	\$12,318	\$3,927
GO-SCT-08	4.50	649	527	15.8	1642	395	458	9"	CR1-GO-10	1"	4.0"	1/3	\$12,938	\$4,141
GO-SCT-09	5.00	722	722	17.5	1832	440	510	10"	CR1-GO-10	1"	4.4"	1/3	\$14,102	\$4,354
GO-SCT-10	5.50	794	645	19.3	2016	484	561	10"	CR1-GO-10	1"	4.4"	1/3	\$14,494	\$4,572

OPTIONAL POWERFLAME "CR" GAS / OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price									
Boiler Model WU or SU	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Control		
	Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
GO-SC/SCT - 05 - 10	STD	\$645	STD	\$130	\$367	\$450	STD	\$884	\$1,279

OPTIONAL POWERFLAME "CR" GAS / OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price											
Boiler Model WU or SU	Standard (UL) Operating Modes				FM Operating Modes*				GE GAP	Direct Spark Ignition of Oil	Pre-piped & Wired Gas Train
	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD		
GO-SC/SCT - 05 - 10	STD	\$1,397	\$1,830	\$3,016	N/C	\$1,397	\$1,830	\$3,016	\$176	\$303	\$918

STD= Standard N/A= Not Available CF= Consult Factory
*Does not include gas pressure switches or motorized valve.

CRATE DIMENSIONS			
Boiler Model	Length*	Width	Height
SC/SCT-05	49"	32"	50"
SC/SCT-06	53"	32"	50"
SC/SCT-07	58"	32"	50"
SC/SCT-08	62"	32"	50"
SC/SCT-09	67"	32"	50"
SC/SCT-10	71"	32"	50"

For Additional SC/SCT™ Product Information:

See pages 101-102 for Notes.
See pages 107-110 for Optional Controls and Components.
See page 110 for Tankless Water Heater Ratings.
See Product Catalog Literature for Complete Product Specifications.





POWER BURNER

Series CC™

- Commercial Boilers - Packaged, Assembled Block or Individual Sections
- Forced Draft Venting • Power Burners - Oil, Gas, Gas/Oil
- Steam or Hot Water Boilers • Optional Tankless Coils



Standard Equipment:

- Cast Iron, Wet-Base Sections - Factory Tested for 80 PSI Working Pressure (Water); 15 PSI Working Pressure (Steam)
- Burner Mounting Plate with Insulation Block
- Front and Rear Flame Observation Ports
- Steel Angle Floor Rails
- Ceramic Fiber Rope Seal Between Sections
- Hi-temp Hydronic Port Seals
- Flue Brush

- Target Walls (3-6 Sections)
- Operating Control

Water:

- 40 PSI ASME Safety Relief Valve
- Temperature Pressure Gauge
- Operating Control L4006A
- Limit Control L4006E, Manual Reset

Steam:

- 15 PSI Safety Relief Valve
- Steam Pressure Gauge
- Gauge Glass with Gauge Cocks
- Operating Pressure Control PA404A
- High Limit Pressure Control, Manual Reset L4079B

SERIES CC™ BOILER RATINGS

Series CC™										ALPI CERTIFIED® www.alpiindustry.org				
Boiler Model	Oil Input		Gas Input, MBH	Gross Output, MBH	Net Ratings			Oil Thermal Efficiency, %	Gas Thermal Efficiency, %	Boiler H.P.	Approx. Shipping Weight, lbs	Less Burner		Package Adder
	GPH	MBH			Steam, sqft	Steam, MBH	Water, MBH					Trade Price (Water)	Trade Price (Steam)	
CC-03	2.6	364	375	308	963	231	268	84.6	82.1	9.2	1,275	\$5,143	\$5,398	\$3,795
CC-04	3.6	504	520	421	1,316	316	366	84.1	81.5	12.5	1,612	\$6,328	\$6,583	\$3,985
CC-05	5.0	700	722	587	1,825	441	510	83.9	81.3	17.5	1,949	\$7,521	\$7,776	\$4,363
CC-06	6.5	910	938	762	2,382	572	663	83.7	81.2	22.8	2,301	\$8,721	\$8,976	\$4,555
CC-07	7.9	1,106	1,140	924	2,888	694	803	83.5	81.1	27.6	2,641	\$10,038	\$10,293	\$4,841
CC-08	9.3	1,302	1,342	1,087	3,398	815	945	83.5	81.0	32.5	2,988	\$11,268	\$11,523	\$5,029
CC-09	10.8	1,512	1,559	1,262	3,947	947	1,097	83.5	83.5	37.7	3,224	\$12,537	\$12,792	\$5,222
CC-10	12.2	1,708	1,761	1,424	4,506	1,081	1,238	83.4	83.4	42.5	3,674	\$13,718	\$13,973	\$5,506
CC-11	13.6	1,904	1,963	1,587	5,071	1,217	1,380	83.4	83.4	47.4	4,013	\$15,651	\$15,906	\$5,695
CC-12	15.0	2,100	2,165	1,750	5,635	1,352	1,522	83.4	83.4	52.3	4,378	\$16,685	\$16,940	\$5,883

1 Net water ratings are based on allowance of 1.15. Net ratings for steam boilers are based on pick-up factor of 1.333
 2 Burner oil input based on Commercial Standard #2 fuel oil with a heating value of 140,000 BTU/Gal.
 3 Burner natural gas input based on natural gas having a heat content of 1,000 BTU/Cu. Ft., 0.60 specific gravity.

Ordering Information:

Example:

O - CC - 04 - W - STD - 40 PSI

Series Sects. STD, CSD, FM
 Blank = No Burner 15 PSI Steam (STD)
 O = Oil 40 PSI Water (STD)
 G = Gas 50 PSI
 GO = Gas/Oil 80 PSI
WATER STEAM
 W S = Less Burner (KD)
 WL SL = Less Burner & Contr. (KD)
 WU SU = w/Burner & Contr. (KD)
 WUP SUP = Pkg. w/Burner & Contr.
 WP SP = Pkg. Less Burner
 WLP SLP = Pkg. Less Burner & Contr.

DOMESTIC WATER COILS

Code No.	Capacity, gal/min. 200 Boiler water*	Pressure Drop-PSI	Inlet/Outlet Tapping	Shipping Weight Lbs.	Trade Price
69361	9	1/2	3/4	33	\$707

*Intermittent draw 100°F average rise

OPTIONAL EQUIPMENT TRADE PRICES Add to Trade Price

Description	Trade Price
50 or 80 PSI Relief Valve (in lieu of standard)*	No Charge
Factory Assembled Sections	\$162 Per Section
1-1/2" Inspection Tappings Three per Section w/ Brass Plug w/ nipple & cap	\$149 Per Section
Tankless Intermediate Opening (add to trade)	\$138
Mounting of Optional Controls on Packaged Boilers	\$128
Tankless Cover Plate	\$41
Factory Fire Test of Packaged Boiler (Nat. Gas or #2 Oil)	
Functional w/o Combustion Report	\$482
Comprehensive w/ Combustion Report	\$959
Barometric Draft Dampers	Code No.
CC-03 thru CC-04	7" 90725 \$204
CC-05 thru CC-06	8" 90393 \$262
CC-07	9" 50255 \$210
CC-08 thru CC-10	10" 90391 \$269
CC-11 thru CC-12	12" 90394 \$338
Thermal Switch for Draft Damper	50702 \$168

*40 PSI relief valve furnished unless otherwise specified on order
 Extended Warranty available; see page 122 for details.

For Additional CC™ Product Information:

See page 101-102 for Notes and pages 107-110 for Optional Controls and Components.
 See Product Catalog Literature for Complete Product Specifications.

Series CC™

CC-BECKETT OIL-FIRED TRADE PRICES													
Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Approx. Shipping Weight (lbs.)	Beckett				
				Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	Water Trade Price	Steam Trade Price	Packaged Adder
O-CC-03	2.6	364	9.2	963	231	268	7"	1,275	CF500	1/3	\$6,267	\$6,522	\$3,795
O-CC-04	3.6	421	12.5	1,316	316	369	7"	1,612	CF500	1/3	\$7,561	\$7,816	\$3,985
O-CC-05	5.0	587	17.5	1,835	441	510	8"	1,949	CF800	1/2	\$10,805	\$11,060	\$4,363
O-CC-06	6.5	762	22.8	2,382	572	663	8"	2,301	CF1400	1/2	\$12,005	\$12,260	\$4,555
O-CC-07	7.9	924	27.6	2,888	694	803	9"	2,641	CF1400	1/2	\$13,333	\$13,588	\$4,841
O-CC-08	9.3	1,087	32.5	3,398	817	945	10"	2,988	CF1400	3/4	\$14,918	\$15,173	\$5,029
O-CC-09	10.8	1,262	37.7	3,945	947	1,087	10"	3,224	CF2300	3/4	\$16,187	\$16,442	\$5,222
O-CC-10	12.2	1,424	42.5	4,504	1,081	1,238	10"	3,674	CF2300	3/4	\$19,481	\$19,736	\$5,506
O-CC-11	13.6	1,587	47.4	5,071	1,217	1,380	12"	4,013	CF2500	3/4	\$21,414	\$21,669	\$5,695
O-CC-12	15.0	1,750	52.3	5,633	1,352	1,522	12"	4,378	CF2500	3/4	\$22,448	\$22,703	\$5,883

OPTIONAL BECKETT OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price												
Boiler Size	Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls				
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		7505C CC	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
O-CC-03- O-CC-05	CF500- CF800	STD	\$1,244	STD	\$51	\$306	\$883	STD	\$616	\$1,734	\$1,632	CF
O-CC-08	CF1400	STD	\$1,244	STD	N/C	\$590	\$883	STD	\$1,242	\$1,734	\$1,632	CF
O-CC-09- O-CC-12	CF2500	STD	\$1,244	N/A	STD	\$590	\$883	STD	\$1,242	\$1,734	\$1,632	CF

OPTIONAL BECKETT OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price												
Boiler Size	Model	Standard (UL) Operating Modes				FM Operating Modes				GE GAP	REMOTE PUMP SET	
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	120-60-1	3 Phase
O-CC-03- O-CC-05	CF500- CF800	N/A	STD	N/A	N/A	STD	N/A	N/A	N/A	STD	N/A	N/A
O-CC-06- O-CC-08	CF1400	N/A	STD	\$119	N/A	STD	N/A	\$119	N/A	STD	N/A	N/A
O-CC-09- O-CC-12	CF2500	N/A	STD	\$119	N/A	STD	N/A	\$119	N/A	STD	N/A	N/A

STD= Standard; N/A= Not Available; N/C= No Charge
 CCT Includes Burner Panel
 GeniSys Display add \$80 to trade

CC-CARLIN OIL-FIRED TRADE PRICES

Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Approx. Shipping Weight (lbs.)	Carlin				
				Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	Water Trade Price	Steam Trade Price	Packaged Adder
O-CC-03	2.6	364	9.2	963	231	268	7"	1,275	201 CRD-PA	1/4	\$6,275	\$6,530	\$3,795
O-CC-04	3.6	421	12.5	1,316	316	369	7"	1,612	301 CRD-PA	1/4	\$7,528	\$7,783	\$3,985
O-CC-05	5.0	587	17.5	1,835	441	510	8"	1,949	301 CRD-PA	1/4	\$8,721	\$8,976	\$4,363
O-CC-06	6.5	762	22.8	2,382	572	663	8"	2,301	702 CRD	1/2	\$11,560	\$11,815	\$4,555
O-CC-07	7.9	924	27.6	2,888	694	803	9"	2,641	702 CRD	1/2	\$12,877	\$13,132	\$4,841
O-CC-08	9.3	1,087	32.5	3,398	817	945	10"	2,988	702 CRD	1/2	\$14,107	\$14,362	\$5,029
O-CC-09	10.8	1,262	37.7	3,945	947	1,087	10"	3,224	702 CRD	1/2	\$15,376	\$15,631	\$5,222
O-CC-10	12.2	1,424	42.5	4,504	1,081	1,238	10"	3,674	801 CRD	3/4	\$16,951	\$17,206	\$5,506
O-CC-11	13.6	1,587	47.4	5,071	1,217	1,380	12"	4,013	801 CRD	3/4	\$18,884	\$19,139	\$5,695
O-CC-12	15.0	1,750	52.3	5,633	1,352	1,522	12"	4,378	801 CRD	3/4	\$19,918	\$20,173	\$5,883

OPTIONAL CARLIN OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls				
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		CCT- 60200 CC	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
O-CC-03- O-CC-05	201 CRD-PA - 301 CRD-PA	\$1,123	\$1,262	STD	\$601	\$1,245	Incl.	STD	\$1,477	\$1,455	\$3,442	\$4,426
O-CC-06- O-CC-08	702 CRD	\$1,123	\$1,262	N/A	\$601	\$1,245	Incl.	STD	\$1,477	\$1,455	\$3,442	\$4,426
O-CC-09- O-CC-12	802 CRD	\$1,123	\$1,262	N/A	\$601	\$1,245	Incl.	STD	\$1,477	\$1,455	\$3,442	\$4,426

OPTIONAL CARLIN OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Model	Standard (UL) Operating Modes				FM Operating Modes				GE GAP	REMOTE PUMP SET	
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	120-60-1	3 Phase
O-CC-03- O-CC-05	201 CRD-PA - 301 CRD-PA	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A	\$1,477	CF	CF
O-CC-06- O-CC-08	702 CRD	N/A	STD	\$119	CF	N/A	\$1,773	\$1,892	CF	\$1,477	CF	CF
O-CC-09- O-CC-12	801 CRD	N/A	STD	\$119	CF	N/A	\$1,773	\$1,892	CF	\$1,477	CF	CF

STD= Standard; N/A= Not Available; N/C= No Charge

Series CC™

CC-POWERFLAME "C" OIL-FIRED TRADE PRICES

Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Approx. Shipping Weight (lbs.)	Powerflame "C"				
				Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	Water Trade Price	Steam Trade Price	Packaged Adder
O-CC-03													
O-CC-04	2.6	364	9.2	963	231	268	7"	1,275	CR1-O	1/4	\$10,834	\$11,089	\$3,985
O-CC-05	3.6	421	12.5	1,316	316	369	7"	1,612	CR1-O	1/4	\$12,027	\$12,282	\$4,363
O-CC-06	5.0	587	17.5	1,835	441	510	8"	1,949	CR1-O	1/2	\$13,423	\$13,678	\$4,555
O-CC-07	6.5	762	22.8	2,382	572	663	8"	2,301	CR2-OA	1/2	\$15,918	\$16,173	\$4,841
O-CC-08	7.9	924	27.6	2,888	694	803	9"	2,641	CR2-OA	1/2	\$17,148	\$17,403	\$5,029
O-CC-09	9.3	1,087	32.5	3,398	817	945	10"	2,988	CR2-OA	1/2	\$18,417	\$18,672	\$5,222
O-CC-10	10.8	1,262	37.7	3,945	947	1,087	10"	3,224	CR2-OA	3/4	\$19,598	\$19,853	\$5,506
O-CC-11	12.2	1,424	42.5	4,504	1,081	1,238	10"	3,674	CR2-OA	3/4	\$21,531	\$21,786	\$5,695
O-CC-12	13.6	1,587	47.4	5,071	1,217	1,380	12"	4,013	CR2-OB	3/4	\$22,700	\$22,955	\$5,883

OPTIONAL POWERFLAME "C" OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls					
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		R7184P CC	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.	
O-CC-03													
O-CC-04- O-CC-06	CR1-O	STD	CF	STD	\$127	\$361	\$630	STD	\$640	\$1,464	\$1,834	CF	
O-CC-07- O-CC-11	CR2-OA	STD	CF	\$56	STD	\$178	\$630	STD	\$640	\$1,464	\$1,834	CF	
O-CC-12	CR2-OB	STD	CF	\$56	STD	\$178	\$630	STD	\$640	\$1,464	\$1,834	CF	

OPTIONAL POWERFLAME "C" OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Model	Standard (UL) Operating Modes				FM Operating Modes				GE GAP	REMOTE PUMP SET	
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	120-60-1	3 Phase
O-CC-03												
O-CC-04- O-CC-06	CR1-O	STD	\$946	\$1,172	\$2,664	STD	\$946	\$1,172	\$2,664	\$176	\$3,010	\$3,286
O-CC-07- O-CC-11	CR2-OA	N/A	N/A	\$119	\$1,613	N/A	N/A	\$119	\$1,613	\$176	\$2,978	\$3,246
O-CC-12	CR2-OB	N/A	N/A	\$119	\$1,708	N/A	N/A	\$119	\$1,708	\$176	\$2,978	\$3,246

STD= Standard; N/A= Not Available; N/C= No Charge

CC-BECKETT GAS-FIRED TRADE PRICES

Boiler Model WU or SU	Gas Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Beckett								
				Steam Sq.ft.	Steam MBH	Water MBH	Vent Diameter Inches	Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.	Water Trade Price	Steam Trade Price	Packaged Adder	
G-CC-03	375	308	9.2	963	231	268	7"	CG10	1"	4.9"	1/4	\$8,990	\$9,245	\$3,880	
G-CC-04	520	421	12.5	1,316	316	369	7"	CG10	1"	4.7"	1/2	\$10,175	\$10,430	\$4,070	
G-CC-05	722	587	17.5	1,835	441	510	8"	CG10B	1"	5.7"	1/2	\$11,426	\$11,681	\$4,448	
G-CC-06	938	762	22.8	2,382	572	663	8"	CG10B	1"	6.2"	1/2	\$12,839	\$13,094	\$4,639	
G-CC-07	1,140	924	27.6	2,888	694	803	9"	CG15	1"	6.3"	1/2	\$16,268	\$16,523	\$4,925	
G-CC-08	1,342	1,087	32.5	3,398	817	945	10"	CG15	1"	5.5"	3/4	\$17,842	\$18,097	\$5,113	
G-CC-09	1,559	1,262	37.7	3,945	947	1,087	10"	CG25	1/1/4"	5.7"	3/4	\$19,165	\$19,420	\$5,306	
G-CC-10	1,761	1,424	42.5	4,504	1,081	1,238	10"	CG25	1/1/4"	5.2"	3/4	\$20,538	\$20,793	\$5,590	
G-CC-11	1,963	1,587	47.4	5,071	1,217	1,380	12"	CG25	1/1/4"	5.3"	3/4	\$22,836	\$23,091	\$5,779	
G-CC-12	2,165	1,750	52.3	5,633	1,352	1,522	12"	CG25	1/1/4"	5.2"	3/4	\$23,570	\$23,825	\$5,967	

OPTIONAL BECKETT GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls			
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
G-CC-03 - G-CC-06	CG10 - CG10B	N/A	\$1,223	STD	\$130	NA	\$2,105	STD	N/A	N/A	CF
G-CC-07 - G-CC-08	CG15	STD	\$1,148	STD	\$136	\$370	\$2,031	N/A	STD	\$787	CF
G-CC-09 - G-CC-12	CG25	STD	\$1,148	STD	\$54	\$305	\$2,031	N/A	STD	\$787	CF

OPTIONAL BECKETT GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Model	Standard (UL) Operating Modes				FM Operating Modes*				GE GAP	Gas Train Wiring Whip
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	
G-CC-03 - G-CC-06	CG10 - CG10B	STD	NA	NA	NA	STD	NA	NA	NA	STD	\$84
G-CC-07 - G-CC-08	CG15	N/A	NA	\$119	\$1,409	N/A	NA	\$119	\$1,409	STD	\$84
G-CC-09 - G-CC-12	CG25	N/A	NA	\$119	\$1,578	N/A	NA	\$119	\$1,578	STD	\$84

STD= Standard; N/A= Not Available; N/C= No Charge

*Does not include motorized valve.

CCT Includes Burner Panel

Modulation, Gas Train on left side Standard, unless specified

Series CC™

CC-POWERFLAME "J" GAS-FIRED TRADE PRICES

Boiler Model WU or SU	Gas Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Powerflame "J"								
				Steam Sq.ft.	Steam MBH	Water MBH	Vent Diameter Inches	Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.	Water Trade Price	Steam Trade Price	Packaged Adder	
G-CC-03	375	308	9.2	963	231	268	7"	JR15A-10	1"	4.3"	1/4	\$8,894	\$9,149	\$4,644	
G-CC-04	520	421	12.5	1,316	316	369	7"	JR15A-10	1"	4.7"	1/4	\$10,079	\$10,334	\$4,834	
G-CC-05	722	587	17.5	1,835	441	510	8"	JR30A-10	1"	5.7"	1/3	\$11,287	\$11,542	\$5,212	
G-CC-06	938	762	22.8	2,382	572	663	8"	JR30A-10	1"	6.2"	1/3	\$12,487	\$12,742	\$5,404	
G-CC-07	1,140	924	27.6	2,888	694	803	9"	JR30A-12	1-1/4" / 1"	6.3"	1/3	\$15,141	\$15,396	\$5,690	
G-CC-08	1,342	1,087	32.5	3,398	817	945	10"	JR50A-15	1-1/4" / 1"	5.5"	1/3	\$16,661	\$16,916	\$5,878	
G-CC-09	1,559	1,262	37.7	3,945	947	1,087	10"	JR50A-15	1-1/4"	5.7"	1/3	\$18,137	\$18,392	\$6,071	
G-CC-10	1,761	1,424	42.5	4,504	1,081	1,238	10"	JR50A-15	1-1/2" / 1-1/4"	5.2"	1/3	\$19,616	\$19,871	\$6,355	

OPTIONAL POWERFLAME "J" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls			
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A F.R.	RM7897A U.V.	RM7840L U.V.	RM7800L U.V.
G-CC-03	JR15A-10	\$375	\$995	STD	\$316	\$549	\$952	STD	\$125	\$943	\$1,312
G-CC-04	JR15A-10	\$375	\$995	STD	\$316	\$549	\$952	STD	\$125	\$943	\$1,312
G-CC-05	JR30A-10	\$375	\$995	STD	\$237	\$471	\$952	STD	\$125	\$943	\$1,312
G-CC-06	JR30A-10	\$375	\$995	STD	\$237	\$471	\$952	STD	\$125	\$943	\$1,312
G-CC-07	JR30A-12	\$375	\$995	STD	\$237	\$471	\$952	STD	\$125	\$943	\$1,312
G-CC-08	JR50A-15	\$375	\$995	STD	\$237	\$471	\$952	STD	\$125	\$943	\$1,312
G-CC-09	JR50A-15	\$375	\$995	STD	\$237	\$471	\$952	STD	\$125	\$943	\$1,312
G-CC-10	JR50A-15	\$375	\$995	STD	\$237	\$471	\$952	STD	\$125	\$943	\$1,312

OPTIONAL POWERFLAME "J" BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Model	Standard (UL) Operating Modes				FM Operating Modes*				GE GAP	Pre-piped & Wired Gas Train
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	
G-CC-03	JR15A-10	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A	\$133	\$849
G-CC-04	JR15A-10	STD	\$811	\$1,312	\$2,256	STD	\$811	\$1,312	\$2,256	\$133	\$849
G-CC-05	JR30A-10	STD	\$839	\$1,340	\$2,312	STD	\$839	\$1,340	\$2,312	\$133	\$849
G-CC-06	JR30A-10	STD	\$839	\$1,340	\$2,312	STD	\$839	\$1,340	\$2,312	\$133	\$849
G-CC-07	JR30A-12	N/A	N/A	\$119	\$1,080	N/A	N/A	\$119	\$1,080	\$133	\$849
G-CC-08	JR50A-15	N/A	N/A	\$119	\$1,098	N/A	N/A	\$119	\$1,098	\$133	\$849
G-CC-09	JR50A-15	N/A	N/A	\$119	\$1,093	N/A	N/A	\$119	\$1,093	\$138	\$849
G-CC-10	JR50A-15	N/A	N/A	\$119	\$907	N/A	N/A	\$119	\$907	\$138	\$849

STD= Standard; N/A= Not Available; N/C= No Charge

*Does not include gas pressure switches or motorized valve.

Dual Size Gas Trains: Leak Test Cock, Main Gas Valve & are Indicated by the First Number, Gas Pressure Regulator and Main Shutoff Cock are Indicated by the Second Number.

CC-POWERFLAME "C" GAS-FIRED TRADE PRICES

Boiler Model WU or SU	Gas Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Powerflame "C"								
				Steam Sq.ft.	Steam MBH	Water MBH	Vent Diameter Inches	Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.	Water Trade Price	Steam Trade Price	Packaged Adder	
G-CC-03															
G-CC-04	375	308	9.2	963	231	268	7"	CR1-G-10	1"	4.1"	1/3	\$12,349	\$12,604	\$4,644	
G-CC-05	520	421	12.5	1,316	316	369	7"	CR1-G-10	1"	4.3"	1/3	\$13,542	\$13,797	\$5,212	
G-CC-06	722	587	17.5	1,835	441	510	8"	CR1-G-12	1"	5.4"	1/3	\$14,810	\$15,065	\$5,404	
G-CC-07	938	762	22.8	2,382	572	663	8"	CR2-G-15	1"	6.2"	1/2	\$17,476	\$17,731	\$5,690	
G-CC-08	1,140	924	27.6	2,888	694	803	9"	CR2-G-15	1-1/4" / 1"	5.3"	3/4	\$18,936	\$19,191	\$5,878	
G-CC-09	1,342	1,087	32.5	3,398	817	945	10"	CR2-G-15	1-1/4" / 1"	5.7"	3/4	\$20,205	\$20,460	\$6,071	
G-CC-10	1,559	1,262	37.7	3,945	947	1,087	10"	CR2-G-15	1-1/4"	5.3"	3/4	\$21,437	\$21,692	\$6,355	
G-CC-11	1,761	1,424	42.5	4,504	1,081	1,238	10"	CR2-G-20A	1-1/2" / 1-1/4"	6.3"	1	\$23,462	\$23,717	\$6,544	
G-CC-12	1,963	1,587	47.4	5,071	1,217	1,380	12"	CR2-G-20B	1-1/2" / 1-1/4"	4.0"	1 1/2	\$25,138	\$25,393	\$6,790	

OPTIONAL POWERFLAME "C" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls			
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
G-CC-03											
G-CC-04	CR1-G-10	STD	\$673	STD	\$127	\$361	\$630	STD	N/C	\$825	\$1,194
G-CC-05	CR1-G-10	STD	\$673	STD	\$127	\$361	\$630	STD	N/C	\$825	\$1,194
G-CC-06	CR1-G-12	STD	\$673	STD	\$127	\$361	\$630	STD	N/C	\$825	\$1,194
G-CC-07	CR2-G-15	STD	\$673	STD	\$36	\$223	\$630	STD	N/C	\$825	\$1,194
G-CC-08	CR2-G-15	STD	\$673	STD	\$36	\$223	\$630	STD	N/C	\$825	\$1,194
G-CC-09	CR2-G-15	STD	\$673	STD	\$36	\$223	\$630	STD	N/C	\$825	\$1,194
G-CC-10	CR2-G-15	STD	\$673	STD	\$36	\$223	\$630	STD	N/C	\$825	\$1,194
G-CC-11	CR2-G-20A	STD	\$673	STD	\$56	\$223	\$630	STD	N/C	\$825	\$1,194
G-CC-12	CR2-G-20B	STD	\$673	STD	\$56	\$223	\$630	STD	N/C	\$825	\$1,194

OPTIONAL POWERFLAME "C" BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Model	Standard (UL) Operating Modes				FM Operating Modes*				GE GAP	Pre-piped & Wired Gas Train
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	
G-CC-03											
G-CC-04	CR1-G-10	STD	\$615	\$1,108	\$1,973	STD	\$615	\$1,108	\$1,973	\$133	\$849
G-CC-05	CR1-G-10	STD	\$615	\$1,108	\$1,973	STD	\$615	\$1,108	\$1,973	\$133	\$849
G-CC-06	CR1-G-12	STD	\$615	\$1,108	\$2,111	STD	\$615	\$1,108	\$2,111	\$133	\$849
G-CC-07	CR2-G-15	N/A	N/A	\$119	\$968	N/A	N/A	\$119	\$968	\$133	\$849
G-CC-08	CR2-G-15	N/A	N/A	\$119	\$1,029	N/A	N/A	\$119	\$1,029	\$138	\$849
G-CC-09	CR2-G-15	N/A	N/A	\$119	\$1,029	N/A	N/A	\$119	\$1,029	\$138	\$849
G-CC-10	CR2-G-15	N/A	N/A	\$119	\$978	N/A	N/A	\$119	\$978	\$138	\$849
G-CC-11	CR2-G-20A	N/A	N/A	\$119	\$1,361	N/A	N/A	\$119	\$1,361	\$133	\$849
G-CC-12	CR2-G-20B	N/A	N/A	\$119	\$1,292	N/A	N/A	\$119	\$1,292	\$133	\$907

STD= Standard; N/A= Not Available; N/C= No Charge

*Does not include gas pressure switches or motorized valve.

Dual Size Gas Trains: Leak Test Cock, Main Gas Valve & are Indicated by the First Number, Gas Pressure Regulator and Main Shutoff Cock are Indicated by the Second Number.

Series CC™

CC-POWERFLAME "C" GAS/OIL -FIRED TRADE PRICES

Boiler Model WU or SU	Oil Input GPH	Gas Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Powerflame "C"						Water Trade Price	Steam Trade Price	Packaged Adder
					Steam Sq.ft.	Steam MBH	Water MBH	Vent Diameter Inches	Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.				
GO-CC-03																
GO-CC-04	2.60	375	308	9.2	963	231	268	7"	CR1-GO-10	1"	4.1"	1/3	\$11,740	\$11,995	\$4,834	
GO-CC-05	3.60	520	421	12.5	1,316	316	369	7"	CR1-GO-10	1"	5.7"	1/3	\$12,925	\$13,180	\$5,212	
GO-CC-06	5.00	722	587	17.5	1,835	441	510	8"	CR1-GO-12	1"	6.2"	1/2	\$14,179	\$14,434	\$5,404	
GO-CC-07	6.50	938	762	22.8	2,382	572	663	8"	CR2-GO-15	1"	6.3"	3/4	\$17,702	\$17,957	\$5,690	
GO-CC-08	7.90	1,140	924	27.6	2,888	694	803	9"	CR2-GO-15	1-1/4"	5.5"	3/4	\$19,289	\$19,544	\$5,878	
GO-CC-09	9.30	1,342	1,087	32.5	3,398	817	945	10"	CR2-GO-15	1-1/4"	5.7"	3/4	\$20,519	\$20,774	\$6,071	
GO-CC-10	10.80	1,559	1,262	37.7	3,945	947	1,087	10"	CR2-GO-15	1-1/2"/1-1/4"	5.2"	3/4	\$21,788	\$22,043	\$6,355	
GO-CC-11	12.20	1,761	1,424	42.5	4,504	1,081	1,238	10"	CR2-GO-20A	1-1/2"	5.3"	1	\$23,252	\$23,507	\$6,544	
GO-CC-12	13.60	1,963	1,587	47.4	5,071	1,217	1,380	12"	CR2-GO-20B	2" / 1-1/2"	5.2"	1 1/2	\$25,517	\$25,772	\$6,790	

OPTIONAL POWERFLAME "C" GAS/OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls		
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
GO-CC-03										
GO-CC-04	CR1-GO-10	STD	\$673	STD	\$127	\$361	\$630	STD	\$825	\$1,023
GO-CC-05	CR1-GO-10	STD	\$673	STD	\$127	\$361	\$630	STD	\$825	\$1,023
GO-CC-06	CR1-GO-12	STD	\$673	STD	\$127	\$361	\$630	STD	\$825	\$1,023
GO-CC-07	CR2-GO-15	STD	\$673	\$56	STD	\$178	\$630	STD	\$825	\$1,023
GO-CC-08	CR2-GO-15	STD	\$673	\$56	STD	\$178	\$630	STD	\$825	\$1,023
GO-CC-09	CR2-GO-15	STD	\$673	\$56	STD	\$178	\$630	STD	\$825	\$1,023
GO-CC-10	CR2-GO-15	STD	\$673	\$56	STD	\$178	\$630	STD	\$825	\$1,023
GO-CC-11	CR2-GO-20A	STD	\$673	\$56	STD	\$223	\$630	STD	\$825	\$1,023
GO-CC-12	CR2-GO-20B	STD	\$673	\$56	STD	\$175	\$630	STD	\$825	\$1,023

OPTIONAL POWERFLAME "C" GAS/OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Model	Standard (UL) Operating Modes				FM Operating Modes*				GE GAP	REMOTE PUMP SET		Pre-piped & Wired Gas Train
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	120-60-1	3 Phase	
GO-CC-03													
GO-CC-04	CR1-G-10	STD	\$1,599	\$2,047	\$3,159	STD	\$1,599	\$2,047	\$3,159	\$291	\$1,848	\$2,159	\$849
GO-CC-05	CR1-G-10	STD	\$1,599	\$2,047	\$3,159	STD	\$1,599	\$2,047	\$3,159	\$291	\$1,848	\$2,159	\$849
GO-CC-06	CR1-G-12	STD	\$1,614	\$2,065	\$3,123	STD	\$1,614	\$2,065	\$3,123	\$291	\$1,848	\$2,159	\$849
GO-CC-07	CR2-G-15	N/A	N/A	\$119	\$1,142	STD	N/A	\$119	\$1,142	\$291	\$1,774	\$2,120	\$849
GO-CC-08	CR2-G-15	N/A	N/A	\$119	\$1,213	STD	N/A	\$119	\$1,213	\$293	\$1,774	\$2,120	\$849
GO-CC-09	CR2-G-15	N/A	N/A	\$119	\$1,213	N/A	N/A	\$119	\$1,213	\$293	\$1,774	\$2,120	\$849
GO-CC-10	CR2-G-15	N/A	N/A	\$119	\$1,213	N/A	N/A	\$119	\$1,213	\$293	\$1,774	\$2,120	\$849
GO-CC-11	CR2-G-20A	N/A	N/A	\$119	\$1,450	N/A	N/A	\$119	\$1,450	\$291	\$1,842	\$2,112	\$849
GO-CC-12	CR2-G-20B	N/A	N/A	\$119	\$1,764	N/A	N/A	\$119	\$1,764	\$291	\$1,658	\$2,016	\$907

STD= Standard; N/A= Not Available; N/C= No Charge

*Does not include gas pressure switches or motorized valve.

Dual Size Gas Trains: Leak Test Cock, Main Gas Valve & are Indicated by the First Number, Gas Pressure Regulator and Main Shutoff Cock are Indicated by the Second Number.

ALTERNATE GAS PRESSURES-POWER FLAME BURNERS

For standard UL burners and firing modes only (not CSD-1, I.R.I. or F.M. over 2,500 MBH)
Add to boiler burner trade price. Specify available gas pressure if other than standard.

Boiler Model	Burner Model Number	Gas Train Size Inch	Std. Gas Pressure In W.C. Inch	Gas Train Size Inch	Add / Deduct	Gas Train Size Inch	Add / Deduct	Gas Train Size Inch	Add / Deduct	Gas Train Size Inch	Add / Deduct	Gas Train Size Inch	Add / Deduct
				3.3" WC		4.0" WC		4.5" WC		5.0" WC		6.0 WC	
CC-03	JR15A-10	1.00"	4.3/14"	1.00"	\$74	1.00"	\$74	1.00"	STD	1.00"	STD	1.00"	STD
CC-04	JR15A-10	1.00"	4.4/14"	1.00"	\$74	1.00"	\$74	1.00"	STD	1.00"	STD	1.00"	STD
CC-05	JR30A-10	1.00"	5.3/14"	1.25"	\$444	1.25/1.00" (1)	\$184	1.25/1.00" (1)	\$184	1.00"	STD	1.00"	STD
CC-06	JR30A-10	1.00"	5.6/14"	1.50/1.25" (1)	\$421	1.25"	\$337	1.25/1.00" (1)	\$184	1.25/1.00" (1)	\$184	1.00"	STD
CC-07	JR30A-12	1.25/1.00" (1)	5.9/14"	2.00/1.50" (1)	\$770	1.50/1.25" (1)	\$232	1.50/1.25" (1)	\$232	1.25"	\$156	1.25/1.00" (1)	STD
CC-08	JR50A-15	1.25/1.00" (1)	6.0/14"	1.50/2.00" (1)	\$502	1.50/1.25" (1)	\$240	1.25"	\$156	1.25"	\$156	1.25/1.00" (1)	STD
CC-09	JR50A-15	1.25"	5.9/14"	2.00"	\$872	2.00/1.50" (1)	\$681	1.50"	\$181	1.50/1.25" (1)	\$84	1.25"	STD
CC-10	JR50A-15	1.50/1.25" (1)	5.3/14"	2.00"	\$788	2.00/1.50" (1)	\$597	2.00/1.50" (1)	\$597	1.50"	\$97	1.50/1.25" (1)	STD
CC-11	JR50A-15	1.50/1.25" (1)	6.5/14"	2.00/1.50"	\$1,079	2.00"	\$788	2.00/1.50" (1)	\$597	2.00/1.50" (1)	\$597	1.50/2.00" (1)	\$288
CC-12	JR50A-15	1.50/1.25" (1)	7.5/14"	N/A	N/A	2.00"	\$788	2.00/1.50" (1)	\$597	2.00/1.50" (1)	\$597	2.00/1.50" (1)	\$597
				7.0" WC		9.0" WC		14.0" WC		28.0" WC		2 - 5 PSI	
CC-03	JR15A-10	1.00"	4.3/14"	1.00"	STD	1.00"	STD	1.00"	STD	1.00"	\$74	1.00"	\$561
CC-04	JR15A-10	1.00"	4.4/14"	1.00"	STD	1.00"	STD	1.00"	STD	1.00"	\$74	1.00"	\$561
CC-05	JR30A-10	1.00"	5.3/14"	1.00"	STD	1.00"	STD	1.00"	STD	1.00"	\$74	1.00"	\$561
CC-06	JR30A-10	1.00"	5.6/14"	1.00"	STD	1.00"	STD	1.00"	STD	1.00"	\$74	1.00"	\$561
CC-07	JR30A-12	1.25/1.00" (1)	5.9/14"	1.25/1.00" (1)	STD	1.25/1.00" (1)	STD	1.25/1.00" (1)	STD	1.00"	-\$150	1.00"	\$342
CC-08	JR50A-15	1.25/1.00" (1)	6.0/14"	1.25/1.00" (1)	STD	1.25/1.00" (1)	STD	1.25/1.00" (1)	STD	1.00"	-\$150	1.00"	\$342
CC-09	JR50A-15	1.25"	5.9/14"	1.25"	STD	1.25"	STD	1.00"	-\$242	1.00"	-\$242	1.00"	\$250
CC-10	JR50A-15	1.50/1.25" (1)	5.3/14"	1.50/1.25" (1)	STD	1.25"	-\$133	1.25"	-\$163	1.00"	-\$319	1.00"	\$171
CC-11	JR50A-15	1.50/1.25" (1)	6.5/14"	1.50/1.25" (1)	STD	1.50/1.25" (1)	STD	1.25/1.00" (1)	-\$224	1.00"	-\$319	1.00"	\$171
CC-12	JR50A-15	1.50/1.25" (1)	7.5/14"	2.00/1.50" (1)	\$597	1.50/1.25" (1)	STD	1.25"	-\$133	1.00"	-\$319	1.00"	\$171
				3.3" WC		4.0" WC		4.5" WC		5.0" WC		6.0 WC	
CC-04	CR1-G(O)-10	1.00"	4.1/14"	1.00"	\$74	1.00"	STD	1.00"	STD	1.00"	STD	1.00"	STD
CC-05	CR1-G(O)-10	1.00"	4.3/14"	1.25"	\$337	1.00"	STD	1.00"	STD	1.00"	STD	1.00"	STD
CC-06	CR1-G(O)-12	1.00"	5.4/14"	1.25"	\$337	1.25/1.00" (1)	\$179	1.25/1.00" (1)	\$179	1.25/1.00" (1)	\$143	1.00"	STD
CC-07	CR2-G(O)-15	1.00"	6.2/14"	1.50"	\$413	1.25"	\$296	1.25"	\$296	1.25"	\$296	1.00"	STD
CC-08	CR2-G(O)-15	1.25"	5.3/14"	2.00/1.50" (1)	\$681	1.50"	\$181	1.25"	STD	1.25"	STD	1.25"	STD
CC-09	CR2-G(O)-15	1.25"	5.7/14"	2.00"	\$872	2.00"	\$872	1.50"	\$84	1.50/1.25" (1)	\$84	1.25"	STD
CC-10	CR2-G(O)-15	1.50/1.25" (1)	5.3/14"	2.00"	\$691	2.00/1.50" (1)	\$597	2.00/1.50" (1)	\$502	1.50/1.25" (1)	STD	1.50/1.25" (1)	STD
CC-11	CR2-G(O)-20A	1.50"	6.3/14"	2.00"	\$757	2.00/1.50" (1)	\$502	2.00/1.50" (1)	\$502	2.00/1.50" (1)	\$434	2.00/1.50" (1)	\$502
CC-12	CR2-G(O)-20B	2.00/1.50" (1)	4.0/14.0"	2.50"	\$1,163	2.00/1.50" (1)	STD						
				7.0" WC		9.0" WC		14.0" WC		28.0" WC		2 - 5 PSI	
CC-04	CR1-G(O)-10	1.00"	4.1/14"	1.00"	STD	1.00"	STD	1.00"	STD	1.00"	\$74	1.00"	\$561
CC-05	CR1-G(O)-10	1.00"	4.3/14"	1.00"	STD	1.00"	STD	1.00"	STD	1.00"	\$74	1.00"	\$561
CC-06	CR1-G(O)-12	1.00"	5.4/14"	1.00"	STD	1.00"	STD	1.00"	STD	1.00"	\$74	1.00"	\$561
CC-07	CR2-G(O)-15	1.00"	6.2/14"	1.00"	STD	1.00"	STD	1.00"	STD	1.00"	STD	1.00"	\$490
CC-08	CR2-G(O)-15	1.25"	5.3/14"	1.25"	STD	1.00"	-\$95	1.00"	-\$95	1.00"	-\$242	1.00"	\$250
CC-09	CR2-G(O)-15	1.25"	5.7/14"	1.25"	STD	1.25/1.00" (1)	-\$36	1.00"	-\$95	1.00"	-\$242	1.00"	\$250
CC-10	CR2-G(O)-15	1.50/1.25" (1)	5.3/14"	1.50/1.25" (1)	STD	1.25"	-\$52	1.25"	-\$52	1.00"	-\$319	1.00"	\$171
CC-11	CR2-G(O)-20A	1.50"	6.3/14"	1.50"	STD	1.25"	-\$89	1.25"	-\$89	1.25"	-\$179	1.25"	\$217
CC-12	CR2-G(O)-20B	2.00/1.50" (1)	4.0/14.0"	2.00/1.50" (1)	STD	1.50"	-\$204	1.50"	-\$204	1.50"	-\$520	1.50"	-\$102

FOOTNOTE:

- (1) DUAL SIZE GAS TRAINS: LEAK TEST COCK, MAIN GAS VALVE & ARE INDICATED BY THE FIRST NUMBER, GAS PRESSURE REGULATOR AND MAIN SHUTOFF COCK ARE INDICATED BY THE SECOND NUMBER.

NOTES:

- MAXITROL 325-3 HIGH PRESSURE PILOT GAS REGULATOR IS STANDARD FOR ALL BURNER MODELS.
- 2-5 PSIG GAS TRAINS INCLUDE MAXITROL 210D HIGH PRESSURE REGULATOR.
- IF A HIGH GAS APRESSURE SWITCH IS REQUIRED FOR THE CC-07 CONSULT FACTORY.

Series CC™

CRATE DIMENSIONS

Boiler Model		Length	Width	Height
CC-03		39"	32"	53"
CC-04		45"	32"	53"
CC-05		51"	32"	53"
CC-06		61"	32"	53"
CC-07		67"	32"	53"
CC-08		73"	32"	53"
CC-09		79"	32"	53"
CC-10		87"	32"	53"
CC-11		93"	32"	53"
CC-12		99"	32"	53"

For Additional CC™ Product Information:

See page 101-102 for Notes and pages 107-110 for Optional Controls and Components.
See Product Catalog Literature for Complete Product Specifications.



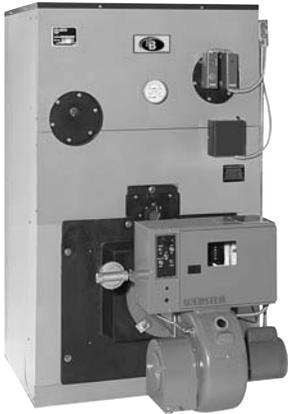


PeerlessBoilers.com

Series LC/LCE™

- Large Commercial Boilers - Packaged, Assembled Block or Individual Sections
- Forced Draft Venting • Power Burners - Oil, Gas, Gas/Oil
- Steam or Hot Water Boilers • Optional Tankless Coils

POWER BURNER



Standard Equipment:

- Cast Iron Sections - Factory Tested
- Wet Base Design, 50 PSI W.P. Sections
- Flex-Seal Gaskets
- High Temperature Rope Seal
- Insulated Enameled Steel Jacket
- Forced Draft Burner (WU, SU Models)
- Burner Mounting Plate w/Observation Port
- Cerafelt Base Liner and Target Wall
- Rear Observation Port
- Tankless Coil Cover Plates
- Front and Top Cleanout Plates
- Integral Cast Iron Flue Collector
- Rear Flue Outlet w/Locking Damper on LC

- Top Flue Outlet w/Locking Damper on LCE
- Steel Channel Rails (Field Assembled Boilers)
- Low Water Cut-Off (Packaged Boilers)

Water (LC-04 to LC-12):

- Operating Limit Control, L4006A
- Limit Control, Manual Reset, L4006E
- Pressure-Temperature Gage
- 30 PSI Safety Relief Valve

Steam (LC-04 to LCE-24):

- Operating Pressure Control, PA404A
- High Limit Pressure Control, Manual Reset, L4079B
- Steam Pressure Gage
- Gage Glass & Gage Cocks
- 15 PSI Safety Valve

SERIES LC/LCE™ BOILER RATINGS

Series LC/LCE™												AHRI CERTIFIED® www.ahridirectory.org		Boiler H.P.	Approx. Shipping Weight lbs	Less Burner Trade Price	Package Adder
Boiler Model	Oil Input ¹		Gas Input, MBH	Gross Output, MBH	Net Ratings ⁴			Oil		Gas							
	GPH	MBH			Steam, sqft	Steam ³ , MBH	Water ² , MBH	Combustion Efficiency ⁵ , %	Thermal Efficiency ⁵ , %	Combustion Efficiency ⁵ , %	Thermal Efficiency ⁵ , %						
LC-04	4.75	665	686	547	1,708	410	476	83.7	82.2	81.2	79.8	16.3	2,104	\$7,340	\$3,909		
LC-05R	5.60	784	808	649	2,029	487	564	83.7	82.8	81.2	80.3	19.4	2,483	\$8,335	\$4,105		
LC-05	6.10	854	881	707	2,208	530	615	83.7	82.8	81.2	80.3	21.1	2,483	\$8,335	\$4,105		
LC-06	7.50	1,050	1,077	868	2,713	651	755	83.7	83.1	81.1	80.6	25.9	2,862	\$9,733	\$4,495		
LC-07	8.80	1,232	1,273	1,029	3,217	772	895	83.6	83.3	81.1	80.8	30.7	3,241	\$10,690	\$4,690		
LC-08	10.20	1,428	1,469	1,189	3,717	892	1,034	83.6	83.5	81.1	81.0	35.5	3,620	\$12,233	\$4,987		
LC-09	11.60	1,624	1,664	1,350	4,250	1,020	1,174	83.6	83.6	81.1	81.1	40.3	3,999	\$13,891	\$5,179		
LC-10	12.80	1,792	1,860	1,511	4,804	1,153	1,314	83.6	83.7	81.1	81.2	45.1	4,378	\$15,409	\$5,378		
LC-11	14.20	1,988	2,056	1,672	5,367	1,288	1,454	83.6	83.8	81.1	81.3	50.0	4,757	\$16,806	\$5,670		
LC-12	15.60	2,184	2,252	1,832	5,917	1,420	1,593	83.6	83.9	81.1	81.4	54.7	5,136	\$18,311	\$5,866		
LCE-13	17.00	2,380	2,464	1,966	6,358	1,526	N/A	83.5	82.2	81.0	79.8	58.7	5,515	\$19,535	\$6,059		
LCE-14	18.40	2,576	2,657	2,125	6,875	1,650	N/A	83.5	82.5	81.0	80.0	63.5	5,894	\$20,571	\$6,255		
LCE-15	19.80	2,772	2,850	2,284	7,388	1,773	N/A	83.5	82.6	81.0	80.2	68.2	6,273	\$21,821	\$6,427		
LCE-16	21.00	2,940	3,043	2,444	7,908	1,898	N/A	83.5	82.8	81.0	80.3	73.0	6,652	\$22,962	\$6,647		
LCE-17	22.50	3,150	3,236	2,603	8,421	2,021	N/A	83.5	82.9	81.0	80.4	77.7	7,031	\$23,979	\$6,841		
LCE-18	24.00	3,360	3,429	2,763	8,938	2,145	N/A	83.5	83.1	81.0	80.6	82.5	7,410	\$25,321	\$7,035		
LCE-19	25.00	3,500	3,622	2,922	9,454	2,269	N/A	83.5	83.2	81.0	80.7	87.3	7,789	\$26,456	\$7,299		
LCE-20	26.50	3,710	3,815	3,082	9,971	2,393	N/A	83.5	83.3	81.0	80.8	92.1	8,168	\$27,589	\$7,543		
LCE-21	28.00	3,920	4,027	3,256	10,533	2,528	N/A	83.6	83.3	81.1	80.8	97.3	8,547	\$29,600	\$7,699		
LCE-22	29.50	4,130	4,239	3,430	11,096	2,663	N/A	83.6	83.4	81.1	80.9	102.5	8,926	\$30,648	\$7,897		
LCE-23	31.00	4,340	4,451	3,604	11,658	2,798	N/A	83.7	83.5	81.2	81.0	107.7	9,305	\$31,812	\$8,089		
LCE-24	32.50	4,550	4,663	3,777	12,217	2,932	N/A	83.7	83.5	81.2	81.0	112.8	9,684	\$32,904	\$8,290		

1 Burner input based on No. 2 fuel oil with a heating value of 140,000 BTU per gallon.

2 Net water ratings based on allowance of 1.15.

3 Net steam ratings based on an allowance for LC-04 to LC-08=1.333, LC-09=1.323, LC-10=1.310, LC-11=1.298, LC-12=1.290, LCE-13 to LCE-24=1.288.

4 Consult factory before selecting a boiler for installation having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

5 Combustion and thermal efficiency determined in accordance with BTS 2000 Testing Standard.

For Additional LC/LCE™ Product Information:

See pages 101-102 for Notes and pages 107-110 for Optional Controls and Components.

See page 110 for Tankless Water Heater Ratings. See Product Catalog Literature for Complete Product Specifications.

Series LC/LCE™

OPTIONAL EQUIPMENT TRADE PRICES		
Add to Trade Price		
Description		Trade Price
80 PSI Working Pressure Sections (water only)* 50 PSI Relief Valve (in lieu of standard)		\$84 Per Section No Charge
Factory Assembled Sections		\$162 Per Section
1-1/2" Inspection Tappings (Two per section / RH side)	w/brass plug w/nipple & cap	\$109 Per Section \$129 Per Section
Mounting of Optional Controls on Packaged Boilers		\$128 Per Control
Factory Fire Test of Packaged Boilers (Nat. Gas or #2 Oil) Functional w/o Combustion Report		\$482
Comprehensive w/Combustion Report		\$959
Barometric Draft Dampers	Code No.	
LC-04 thru LC-05 9"	50255	\$210
LC-06 thru LC-08 10"	90391	\$270
LC-09 thru LC-12 12"	90394	\$338
LCE-13 thru LCE-1714"	90395	\$501
LCE-18 thru LCE-2416"	90396	\$592
Thermal Switch for Draft Damper	50702	\$168

*30 PSI relief valve furnished unless otherwise specified on order

DOMESTIC WATER COILS						
Code No.	Capacity, gal/min. 200 Boiler Water*	Pressure Drop-PSI	Inlet/Outlet Tapping	Shipping Weight Lbs.	Trade Price	
90534	X-1020	3	3	3/4"	25	\$281
90537	X-1021	6	5	3/4"	33	\$604
90539	X-1022	6.5	12	3/4"	33	\$882

*Intermittent draw 100°F average rise

Ordering Information:

Example:

O - LC/LCE - 06 - WU - STD - 30PSI

<p>Series</p> <p>Blank = No Burner</p> <p>O = Oil</p> <p>G = Gas</p> <p>GO = Gas/Oil</p>	<p>Sects.</p> <p>STD, FM</p>	<p>15 PSI Steam (STD)</p> <p>30 PSI Water (STD)</p> <p>50 PSI</p> <p>80 PSI</p>
		<p>WATER STEAM</p> <p>W S = Less Burner (KD)</p> <p>WU SU = w/ Burners & Contr. (KD)</p> <p>WUP SUP = Pkg. w/Burn. & Controls</p> <p>WP SP = Pkg. Less Burner</p>

For Additional LC/LCE™ Product Information:

See pages 101-102 for Notes and pages 107-110 for Optional Controls and Components.
See page 110 for Tankless Water Heater Ratings. See Product Catalog Literature for Complete Product Specifications.

Series LC/LCE™

LC-LCE-BECKETT OIL-FIRED TRADE PRICES												
Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Approx. Shipping Weight (lbs.)	Beckett			
				Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	Trade Price	Packaged Adder
O-LC-04	4.75	547	16.3	1,708	410	476	9"	2,104	CF800	1/3	\$9,568	\$3,909
O-LC-05R	5.6	649	19.4	2,029	487	564	9"	2,483	CF1400	1/3	\$9,568	\$4,105
O-LC-05	6.1	707	21.1	2,208	530	615	9"	2,483	CF1400	1/2	\$9,568	\$4,105
O-LC-06	7.5	868	25.9	2,713	651	755	10"	2,862	CF1400	1/2	\$13,011	\$4,495
O-LC-07	8.8	1,029	30.7	3,217	772	895	10"	3,241	CF1400	1/2	\$13,974	\$4,690
O-LC-08	10.2	1,189	35.5	3,717	892	1,034	10"	3,620	CF2300A	3/4	\$15,528	\$4,987
O-LC-09	11.6	1,350	40.3	4,250	1,020	1,174	12"	3,999	CF2300A	3/4	\$17,541	\$5,179
O-LC-10	12.8	1,511	45.1	4,804	1,153	1,314	12"	4,378	CF2300A	3/4	\$19,059	\$5,378
O-LC-11	14.2	1,672	50	5,367	1,288	1,454	12"	4,757	CF2300A	3/4	\$20,475	\$5,670
O-LC-12	15.6	1,832	54.7	5,917	1,420	1,593	12"	5,136	CF2300A	3/4	\$21,980	\$5,866
Steam Only												
O-LCE-13	17.0	2,380	2464	1,966	6,358		14"	5,515	CF2300A	3/4	\$23,204	\$6,059
O-LCE-14	18.4	2,576	2657	2,125	6,875		14"	5,894	CF2300A	3/4	\$24,240	\$6,255
O-LCE-15	19.8	2,772	2850	2,284	7,388		14"	6,273	CF2300A	3/4	\$25,490	\$6,427
O-LCE-16	21.0	2,940	3043	2,444	7,908		14"	6,652	CF2500	2	\$30,378	\$6,647
O-LCE-17	22.5	3,150	3236	2,603	8,421		14"	7,031	CF2500	2	\$31,395	\$6,841
O-LCE-18	24.0	3,360	3429	2,763	8,938		16"	7,410	CF3500	2	\$33,100	\$7,035
O-LCE-19	25.0	3,500	3622	2,922	9,454		16"	7,789	CF3500	2	\$34,235	\$7,229
O-LCE-20	26.5	3,710	3815	3,082	9,971		16"	8,168	CF3500	2	\$35,368	\$7,543
O-LCE-21	28.0	3,920	4027	3,256	10,533		16"	8,547	CF3500	2	\$37,379	\$7,699
O-LCE-22	29.5	4,130	4239	3,430	11,096		16"	8,926	CF3500	2	\$38,427	\$7,897
O-LCE-23	31.0	4,340	4451	3,604	11,658		16"	9,305	CF3500	2	\$39,591	\$8,089
O-LCE-24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

OPTIONAL BECKETT OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price													
Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls					
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		7505P CC	RM7897A V.L.	RM7897C V.L.	RM7840M V.L.	RM7840L V.L.	RM7800L V.L.
O-LC-04-05R	CF800	N/A	\$1,244	STD	\$130	N/A	\$2,126	STD	\$616	N/A	\$1,734	\$1,632	CF
O-LC-05-07	CF1400	STD	\$1,244	STD	\$51	N/A	\$2,126	STD	\$616	N/A	\$1,734	\$1,632	CF
O-LC-08-15	CF2300	STD	\$1,244	STD	N/C	\$614	\$2,126	STD	\$1,242	N/A	\$1,734	\$1,632	CF
O-LCE-16-17	CF2500	STD	\$1,244	N/A	STD	\$614	\$2,126	N/A	N/A	STD	\$921	\$819	CF
O-LCE-18-22	CF3500	STD	\$1,244	N/A	STD	\$548	\$2,126	N/A	N/A	STD	\$921	\$819	CF

OPTIONAL BECKETT OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price												
Boiler Size	Burner Model	Standard (UL) Operating Modes				FM Operating Modes				GE GAP	REMOTE PUMP SET	
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	120-60-1	3 Phase
O-LC-04-05R	CF800	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A	STD	N/A	N/A
O-LC-05-07	CF1400	N/A	STD	\$119	N/A	N/A	STD	\$119	N/A	STD	N/A	N/A
O-LC-08-15	CF2300	N/A	STD	\$119	N/A	N/A	STD	\$119	N/A	STD	N/A	N/A
O-LCE-16-17	CF2500	N/A	STD	\$119	N/A	N/A	STD	\$119	N/A	STD	N/A	N/A
O-LCE-18-22	CF3500	N/A	STD	\$119	N/A	N/A	STD	\$119	N/A	STD	N/A	N/A

STD= Standard; N/A= Not Available; N/C= No Charge; CF= Consult Factory
 GeniSys Display add \$80 to trade
 CCT Includes Remote Control Panel

Series LC/LCE™

LC-LCE-CARLIN OIL-FIRED TRADE PRICES												
Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Approx. Shipping Weight (lbs.)	Carlin			
				Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	Trade Price	Packaged Adder
O-LC-04	4.75	547	16.3	1,708	410	476	9"	2,104	301CRD	1/4	\$8,585	\$3,909
O-LC-05R	5.60	649	19.4	2,029	487	564	9"	2,483	301CRD	1/4	\$9,580	\$4,105
O-LC-05	6.10	707	21.1	2,208	530	615	9"	2,483	702CRD	1/2	\$11,174	\$4,105
O-LC-06	7.50	868	25.9	2,713	651	755	10"	2,862	702CRD	1/2	\$12,572	\$4,495
O-LC-07	8.80	1,029	30.7	3,217	772	895	10"	3,241	702CRD	1/2	\$13,614	\$4,690
O-LC-08	10.20	1,189	35.5	3,717	892	1,034	10"	3,620	702CRD	1/2	\$15,157	\$4,987
O-LC-09	11.60	1,350	40.3	4,250	1,020	1,174	12"	3,999	801CRD	3/4	\$17,221	\$5,179
O-LC-10	12.80	1,511	45.1	4,804	1,153	1,314	12"	4,378	801CRD	3/4	\$18,739	\$5,378
O-LC-11	14.20	1,672	50.0	5,367	1,288	1,454	12"	4,757	801CRD	3/4	\$20,136	\$5,670
O-LC-12	15.60	1,832	54.7	5,917	1,420	1,593	12"	5,136	801CRD	3/4	\$21,641	\$5,866
Steam Only												
O-LCE-13	17.00	2,380	2464	1,966	6,358		14"	5,515	801CRD	3/4	\$22,865	\$6,059
O-LCE-14	18.40	2,576	2657	2,125	6,875		14"	5,894	801CRD	3/4	\$23,901	\$6,255
O-LCE-15	19.80	2,772	2850	2,284	7,388		14"	6,273	1050FFD	1	\$29,883	\$6,427
O-LCE-16	21.00	2,940	3043	2,444	7,908		14"	6,652	1050FFD	1	\$31,024	\$6,647
O-LCE-17	22.50	3,150	3236	2,603	8,421		14"	7,031	1150FFD	1 1/2	\$32,791	\$6,841
O-LCE-18	24.00	3,360	3429	2,763	8,938		16"	7,410	1150FFD	1 1/2	\$34,133	\$7,035
O-LCE-19	25.00	3,500	3622	2,922	9,454		16"	7,789	1150FFD	1 1/2	\$35,268	\$7,229
O-LCE-20	26.50	3,710	3815	3,082	9,971		16"	8,168	1150FFD	1 1/2	\$36,401	\$7,543
O-LCE-21	28.00	3,920	4027	3,256	10,533		16"	8,547	1150FFD	1 1/2	\$38,412	\$7,699
O-LCE-22	29.50	4,130	4239	3,430	11,096		16"	8,926	1150FFD	1 1/2	\$39,460	\$7,897
O-LCE-23	31.00	4,340	4451	3,604	11,658		16"	9,305	1150FFD	1 1/2	\$40,624	\$8,089
O-LCE-24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

OPTIONAL CARLIN OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price												
Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls				
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		CCT-60200 CC	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
O-LC-04-05R	301CRD	\$1,171	\$1,310	STD	\$601	\$1,245	Incl.	STD	\$1,478	\$1,455	\$3,649	\$2,416
O-LC-05-08	702CRD	\$1,171	\$1,310	STD	\$601	\$1,245	Incl.	STD	\$1,478	\$1,455	\$3,649	\$2,416
O-LC-09-14	801CRD	\$1,171	\$1,310	N/A	STD	\$1,245	Incl.	N/A	N/A	N/A	STD	\$985
O-LCE-15-16	1050FFD	\$1,171	\$1,310	N/A	STD	\$1,245	Incl.	N/A	N/A	N/A	STD	\$985
O-LCE-17-23	1150FFD	\$1,171	\$1,310	N/A	STD	\$1,245	Incl.	N/A	N/A	N/A	STD	\$985
O-LCE-24												

OPTIONAL CARLIN OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price												
Boiler Size	Burner Model	Standard (UL) Operating Modes				FM Operating Modes				GE GAP	REMOTE PUMP SET	
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	FM Operating Modes	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	120-60-1	3 Phase
O-LC-04-05R	301CRD	STD	N/A	CF	CF	STD	N/A	N/A	CF	Std	CF	CF
O-LC-05-08	702CRD	N/A	STD	\$119	CF	N/A	\$1,555	\$1,661	CF	Std	CF	CF
O-LC-09-14	801CRD	N/A	STD	\$119	CF	N/A	\$1,555	\$1,661	CF	Std	CF	CF
O-LCE-15-16	1050FFD	N/A	STD	\$119	CF	N/A	\$1,405	\$1,511	CF	Std	CF	CF
O-LCE-17-23	1150FFD	N/A	STD	\$119	CF	N/A	\$1,405	\$1,511	CF	Std	CF	CF
O-LCE-24												

STD= Standard; N/A= Not Available; N/C= No Charge; CF= Consult Factory

Series LC/LCE™

LC-LCE-POWERFLAME "C" OIL-FIRED TRADE PRICES												
Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Net Ratings				Vent Diameter Inches	Approx. Shipping Weight (lbs.)	Powerflame "C"			
			Boiler H.P.	Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	Trade Price	Packaged Adder
O-LC-04	4.75	547	16.3	1708	410	476	9"	2,104	C1-O	1/2	\$11,899	\$3,909
O-LC-05R	5.60	649	19.4	2029	487	564	9"	2,483	C1-O	1/2	\$12,894	\$4,105
O-LC-05	6.10	707	21.1	2208	530	615	9"	2,483	C1-O	1/2	\$13,065	\$4,105
O-LC-06	7.50	868	25.9	2713	651	755	10"	2,862	C1-O	1/2	\$14,845	\$4,495
O-LC-07	8.80	1,029	30.7	3217	772	895	10"	3,241	C1-O	1/2	\$15,863	\$4,690
O-LC-08	10.20	1,189	35.5	3717	892	1034	10"	3,620	C2-OA	1	\$17,767	\$4,987
O-LC-09	11.60	1,350	40.3	4250	1020	1174	12"	3,999	C2-OA	1	\$19,425	\$5,179
O-LC-10	12.80	1,511	45.1	4804	1153	1314	12"	4,378	C2-OA	1	\$20,943	\$5,378
O-LC-11	14.20	1,672	50	5367	1288	1454	12"	4,757	C2-OA	1	\$22,403	\$5,670
O-LC-12	15.60	1,832	54.7	5917	1420	1593	12"	5,136	C2-OA	1	\$23,908	\$5,866
Steam Only												
O-LCE-13	17.00	2,380	2464	1966	6358		14"	5,515	C2-OB	1	\$24,905	\$6,059
O-LCE-14	18.40	2,576	2657	2125	6875		14"	5,894	C2-OB	1 1/2	\$26,129	\$6,255
O-LCE-15	19.80	2,772	2850	2284	7388		14"	6,273	C2-OB	1 1/2	\$27,379	\$6,427
O-LCE-16	21.00	2,940	3043	2444	7908		14"	6,652	C3-O	2	\$30,674	\$6,647
O-LCE-17	22.50	3,150	3236	2603	8421		14"	7,031	C3-O	2	\$31,691	\$6,841
O-LCE-18	24.00	3,360	3429	2763	8938		16"	7,410	C3-O	2	\$33,033	\$7,035
O-LCE-19	25.00	3,500	3622	2922	9454		16"	7,789	C3-O	2	\$34,168	\$7,229
O-LCE-20	26.50	3,710	3815	3082	9971		16"	8,168	C3-O	3	\$37,026	\$7,543
O-LCE-21	28.00	3,920	4027	3256	10533		16"	8,547	C3-O	3	\$39,037	\$7,699
O-LCE-22	29.50	4,130	4239	3430	11096		16"	8,926	C3-O	3	\$40,085	\$7,897
O-LCE-23	31.00	4,340	4451	3604	11658		16"	9,305	C3-O	3	\$41,289	\$8,089
O-LCE-24	32.50	4,550	4663	3777	12217		16"	9,684	C3-O	3	\$42,381	\$8,290

OPTIONAL POWERFLAME "C" OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price													
Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls					Control Circuit Trans.
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		R7184P CC	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.	
O-LC-04-07	C1-O	STD	CF	STD	\$131	\$371	\$624	STD	N/A	\$1,464	\$1,834	CF	\$624
O-LC-08-12	C2-OA	STD	CF	\$57	STD	\$183	\$624	STD	N/A	\$1,464	\$1,834	CF	\$624
O-LCE-13	C2-O-20A	STD	CF	\$57	STD	\$85	\$624	STD	N/A	\$1,464	\$1,834	CF	\$624
O-LCE-14-15	C2-O-20B	STD	CF	\$57	STD	\$85	\$624	STD	N/A	\$1,464	\$1,834	CF	\$624
O-LCE-16-24	C3-O	STD	CF	N/A	N/A	STD	\$624	STD	N/A	STD	\$370	CF	\$624

OPTIONAL POWERFLAME "C" OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price													
Boiler Size	Burner Model	Standard (UL) Operating Modes				FM Operating Modes				GE GAP	REMOTE PUMP SET		
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	120-60-1	3 Phase	
O-LC-04-07	C1-O	STD	\$694	\$911	\$2,533	STD	\$694	\$911	\$2,533	\$179	\$3,100	\$3,384	
O-LC-08-12	C2-OA	N/A	STD	\$223	\$1,877	N/A	\$223	\$223	\$1,877	\$179	\$3,068	\$3,343	
O-LCE-13	C2-O-20A	N/A	STD	\$119	\$1,873	N/A	\$119	\$119	\$1,808	\$176	\$2,877	\$3,205	
O-LCE-14-15	C2-O-20B	N/A	STD	\$119	\$1,873	N/A	\$119	\$119	\$1,808	\$176	\$2,877	\$3,205	
O-LCE-16-24	C3-O	N/A	STD	\$119	\$1,741	N/A	\$119	\$119	\$1,724	\$176	\$1,904	\$2,111	

STD= Standard; N/A= Not Available; N/C= No Charge; CF= Consult Factory

Series LC/LCE™

LC-LCE-WEBSTER "JB" OIL-FIRED TRADE PRICES												
Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Approx. Shipping Weight (lbs.)	Webster "JB"			
				Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	Trade Price	Packaged Adder
O-LC-04	4.75	547	16.3	1708	410	476	9"	2,104	JB10-03	1/3	\$11,550	\$3,909
O-LC-05R	5.6	649	19.4	2029	487	564	9"	2,483	JB10-03	1/3	\$12,545	\$4,105
O-LC-05	6.1	707	21.1	2208	530	615	9"	2,483	JB10-03	1/3	\$12,545	\$4,105
O-LC-06	7.5	868	25.9	2713	651	755	10"	2,862	JB10-03	1/3	\$13,943	\$4,495
O-LC-07	8.8	1,029	30.7	3217	772	895	10"	3,241	JB10-03	1/3	\$15,550	\$4,690
O-LC-08	10.2	1,189	35.5	3717	892	1034	10"	3,620	JB10-03	1/3	\$17,616	\$4,987
O-LC-09	11.6	1,350	40.3	4250	1020	1174	12"	3,999	JB10-03	1/2	\$19,274	\$5,179
O-LC-10	12.8	1,511	45.1	4804	1153	1314	12"	4,378	JB10-05	1/2	\$21,427	\$5,378
O-LC-11	14.2	1,672	50	5367	1288	1454	12"	4,757	JB10-07	3/4	\$22,824	\$5,670
O-LC-12	15.6	1,832	54.7	5917	1420	1593	12"	5,136	JB10-07	3/4	\$24,329	\$5,866
Steam Only												
O-LCE-13	17.0	2,380	2464	1966	6358		14"	5,515	JB20-10	1	\$26,374	\$6,059
O-LCE-14	18.4	2,576	2657	2125	6875		14"	5,894	JB20-10	1	\$27,410	\$6,255
O-LCE-15	19.8	2,772	2850	2284	7388		14"	6,273	JB20-10	1	\$28,660	\$6,427
O-LCE-16	21.0	2,940	3043	2444	7908		14"	6,652	JB20-10	1	\$29,801	\$6,647
O-LCE-17	22.5	3,150	3236	2603	8421		14"	7,031	JB20-10	1	\$30,818	\$6,841
O-LCE-18	24.0	3,360	3429	2763	8938		16"	7,410	JB20-10	1	\$32,160	\$7,035
O-LCE-19	25.0	3,500	3622	2922	9454		16"	7,789	JB20-15	1-1/2	\$33,512	\$7,229
O-LCE-20	26.5	3,710	3815	3082	9971		16"	8,168	JB20-15	1-1/2	\$34,645	\$7,543
O-LCE-21	28.0	3,920	4027	3256	10533		16"	8,547	JB20-30	3*	\$37,276	\$7,699
O-LCE-22	29.5	4,130	4239	3430	11096		16"	8,926	JB20-30	3*	\$38,324	\$7,897
O-LCE-23	31.0	4,340	4451	3604	11658		16"	9,305	JB20-30	3*	\$39,488	\$8,089
O-LCE-24	32.5	4,550	4663	3777	12217		16"	9,684	JB20-30	3*	\$40,580	\$8,290

OPTIONAL WEBSTER "JB" OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price											
Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls			
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		R7184P CC	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
O-LC-04 - 07	JB10-03	STD	\$650	STD	N/C	\$1,015	\$604	STD	\$2,139	\$3,715	\$4,014
O-LC-08 - 09	JB10-05	STD	\$650	STD	N/C	\$1,028	\$604	STD	\$2,139	\$3,715	\$4,014
O-LC-10 - 12	JB10-07	STD	\$650	STD	N/C	\$1,020	\$604	STD	\$2,139	\$3,715	\$4,014
O-LCE-13 - 18	JB10-10	STD	\$650	N/C	STD	\$1,002	\$604	N/A	STD	\$3,715	\$4,014
O-LCE-19 - 21	JB10-30	STD	\$650	N/A	N/A	STD	\$604	N/A	STD	\$3,715	\$4,014
O-LCE-22 - 24	JB10-30	STD	\$650	N/A	N/A	STD	\$604	N/A	STD	\$3,715	\$4,014

OPTIONAL WEBSTER "JB" OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price												
Boiler Size	Burner Model	Standard (UL) Operating Modes				FM Operating Modes				GE GAP	REMOTE PUMP SET	
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	120-60-1	3 Phase
O-LC-04 - 06	JB10-03	STD	STD	\$119	\$1,754	N/A	STD	\$119	\$1,754	STD	\$1,856	\$3,886
O-LC-04 - 06	JB10-05	N/A	STD	\$119	\$1,772	N/A	STD	\$119	\$1,772	STD	\$1,856	\$3,912
O-LC-07 - 09	JB10-07	N/A	STD	\$119	\$2,279	N/A	STD	\$119	\$2,279	STD	\$1,856	\$3,896
O-LCE-10 - 12	JB10-10	N/A	STD	\$119	\$1,879	N/A	\$931	\$1,050	\$2,950	STD	\$1,856	\$3,861
O-LCE-13 - 18	JB10-30	N/A	STD	\$119	\$2,098	N/A	\$1,451	\$1,570	\$4,788	STD	\$1,856	\$1,856
O-LCE-19 - 24	JB10-30	N/A	STD	\$119	\$2,098	N/A	\$1,451	\$1,570	\$4,788	STD	\$1,856	\$1,856

STD= Standard; N/A= Not Available; N/C= No Charge; CF= Consult Factory
 *Remote Oil Pump & Gas Pilot Ignition are Standard

Series LC/LCE™

LC-LCE-BECKETT GAS-FIRED TRADE PRICES													
Boiler Model WU or SU	Gas Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Burner Model	Beckett				
				Steam Sq.ft.	Steam MBH	Water MBH			Gas Train "NPT."	Gas Press.	Motor H.P.	Trade Price	Packaged Adder
G-LC-04	686	547	16	1,708	410	476	9"	CG10.A	1"	4.9"	1/3	\$11,141	\$3,909
G-LC-05R	808	649	19	2,029	487	564	9"	CG15.2S	1"	4.7"	1/3	\$14,565	\$4,105
G-LC-05	881	707	21	2,208	530	615	9"	CG15.2S	1-1/4"	5.7"	1/2	\$14,565	\$4,105
G-LC-06	1,077	868	26	2,713	651	755	10"	CG15.2S	1-1/4"	6.2"	1/2	\$15,963	\$4,495
G-LC-07	1,273	1,029	31	3,217	772	895	10"	CG15.3S	1-1/4"	6.3"	1/2	\$17,133	\$4,690
G-LC-08	1,469	1,189	36	3,717	892	1,034	10"	CG25.1S	1-1/2"	5.5"	3/4	\$18,861	\$4,987
G-LC-09	1,664	1,350	40	4,250	1,020	1,174	12"	CG25.2S	1-1/2"	5.7"	3/4	\$20,519	\$5,179
G-LC-10	1,860	1,511	45	4,804	1,153	1,314	12"	CG25.3S	1-1/2"	5.2"	3/4	\$22,036	\$5,378
G-LC-11	2,056	1,672	50	5,367	1,288	1,454	12"	CG25.4S	2"	5.3"	3/4	\$23,691	\$5,670
G-LC-12	2,252	1,832	55	5,917	1,420	1,593	12"	CG25.5S	2"	5.2"	3/4	\$25,196	\$5,866
Steam Only													
G-LCE-13	2,464	1,966	59	6,358	1,526		14"	CG50.2S	2"	5.4"	2	\$28,886	\$6,059
G-LCE-14	2,657	2,125	64	6,875	1,650		14"	CG50.2S	2"	5.1"	2	\$29,922	\$6,255
G-LCE-15	2,850	2,284	68	7,388	1,773		14"	CG50.3S	2"	4.8"	2	\$31,172	\$6,427
G-LCE-16	3,043	2,444	73	7,908	1,898		14"	CG50.3S	2"	5.4"	2	\$32,313	\$6,647
G-LCE-17	3,236	2,603	78	8,421	2,021		14"	CG50.3S	2"	5.9"	2	\$33,330	\$6,841
G-LCE-18	3,429	2,763	83	8,938	2,145		16"	CG50.4S	2"	5.8"	2	\$35,052	\$7,035
G-LCE-19	3,622	2,922	87	9,454	2,269		16"	CG50.4S	2"	6.2"	2	\$36,187	\$7,229
G-LCE-20	3,815	3,082	92	9,971	2,393		16"	CG50.4S	2-1/2"	7.0"	2	\$37,320	\$7,543
G-LCE-21	4,027	3,256	97	10,533	2,528		16"	CG50.5S	2-1/2"	6.2"	2	\$40,852	\$7,699
G-LCE-22	4,239	3,430	103	11,096	2,663		16"	CG50.5S	2-1/2"	5.9"	2	\$41,496	\$7,897
G-LCE-23	4,451	3,604	108	11,658	2,798		16"	CG50.5S	2-1/2"	6.4"	2	\$42,660	\$8,089
G-LCE-24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

OPTIONAL BECKETT GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price											
Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Control			
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
G-LC-04	CG10	N/A	\$1,244	STD	\$130	N/A	\$1,765	STD	N/A	N/A	N/A
G-LC-05R-07	CG15	STD	\$1,244	STD	\$130	N/A	\$1,765	STD	N/A	\$1,224	N/A
G-LC-08-12	CG25	STD	\$1,244	STD	N/C	\$614	\$1,765	N/A	STD	\$1,224	N/A
G-LCE-13-23	CG50	STD	\$1,244	N/A	STD	\$614	\$1,765	N/A	STD	\$1,224	N/A

OPTIONAL BECKETT GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price											
Boiler Size	Burner Model	Standard (UL) Operating Modes				*FM Operating Modes				GE GAP	Gas Train Wiring Whip
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	
G-LC-04	CG10	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A	STD	\$89
G-LC-05R-07	CG15	N/A	STD	\$119	\$1,403	N/A	STD	\$119	\$1,403	STD	\$89
G-LC-08-12	CG25	N/A	STD	\$119	\$1,578	N/A	STD	\$119	\$1,578	STD	\$89
G-LCE-13-23	CG50	N/A	STD	\$119	\$1,058	N/A	STD	\$119	\$1,058	STD	\$89

*Does not include gas pressure switches or motorized valve.

Beckett Modulation Price includes boiler operating control, modulating control
CCT Includes control panel

STD= Standard; N/A= Not Available; N/C= No Charge

Burners are standard with ventless low and high gas pressure switches
Burners are standard with air pressure switch

Series LC/LCE™

LC-LCE-POWERFLAME "J" GAS-FIRED TRADE PRICES

Boiler Model WU or SU	Gas Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Powerflame "J"					
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train "NPT."	Gas Press.	Motor H.P.	Trade Price	Packaged Adder
G-LC-04	686	649	16	2,029	487	564	9"	JR15A-10	1"	4.2"	1/4	\$10,744	\$4,758
G-LC-05R	808	707	19	2,208	530	615	9"	JR30A-10	1"	4.5"	1/3	\$11,795	\$4,954
G-LC-05	881	868	21	2,713	651	755	9"	JR30A-10	1"	4.5"	1/3	\$11,795	\$4,954
G-LC-06	1,077	1,029	26	3,217	772	895	10"	JR30A-12	1"	4.9"	1/3	\$13,229	\$5,344
G-LC-07	1,273	1,189	31	3,717	892	1,034	10"	JR30A-12	1-1/4" - 1"	5.6"	1/3	\$14,476	\$5,539
G-LC-08	1,469	1,350	36	4,250	1,020	1,174	10"	JR50A-15	1-1/4" - 1"	6.0"	1/3	\$16,310	\$5,836
G-LC-09	1,664	1,511	40	4,804	1,153	1,314	12"	JR50A-15	1-1/4" - 1"	6.8"	1/3	\$17,968	\$6,028
G-LC-10	1,860	1,672	45	5,367	1,288	1,454	12"	JR50A-15	1.25"	6.5"	1/3	\$19,523	\$6,227
G-LC-11	2,056	1,832	50	5,917	1,420	1,593	12"	JR50A-15	1-1/2" - 1-1/4"	5.9"	1/2	\$21,275	\$6,519

OPTIONAL POWERFLAME "J" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Control			
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A F.R.	RM7897A U.V.	RM7840L U.V.	RM7800L U.V.
G-LC-04	JR15A-10	\$393	\$1,013	STD	\$325	\$565	\$970	STD	\$125	\$943	\$1,312
G-LC-05R-05	JR30A-10	\$393	\$1,013	STD	\$244	\$485	\$970	STD	\$125	\$943	\$1,312
G-LC-06-07	JR30A-12	\$393	\$1,013	STD	\$244	\$485	\$970	STD	\$125	\$943	\$1,312
G-LC-08-11	JR50A-15	\$393	\$1,013	STD	\$244	\$485	\$970	STD	\$125	\$943	\$1,312

OPTIONAL POWERFLAME "J" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Standard (UL) Operating Modes				FM Operating Modes				GE GAP	Pre-piped & Wired Gas Train
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	
G-LC-04	JR15A-10	STD	\$837	\$1,303	\$2,086	STD***	\$837	\$1,303	\$2,086	\$138	\$849
G-LC-05R-05	JR30A-10	STD	\$667	\$1,142	\$1,373	STD***	\$667	\$1,142	\$1,373	\$138	\$849
G-LC-06-07	JR30A-12	STD	\$804	\$1,276	\$2,099	STD***	\$683	\$1,154	\$2,099	\$138	\$849
G-LC-08-11	JR50A-15	STD	\$804	\$1,311	\$2,153	STD***	\$687	\$1,163	\$2,153	\$138	\$849

STD= Standard N/A= Not Available N/C= No Charge

CCT Powerflame includes control panel.

***Does not include gas pressure switches or motorized valve.

Burners are standard with ventless low and high gas pressure switches

Burners are standard with air pressure switch

Series LC/LCE™

LC-LCE-POWERFLAME "C" GAS-FIRED TRADE PRICES

Boiler Model WU or SU	Gas Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Powerflame "C"					
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train "NPT."	Gas Press.	Motor H.P.	Trade Price	Packaged Adder
G-LC-04	686	649	16.3	2,029	487	564	9"	C1-G-10	1"	4.9"	1/3	\$12,926	\$4,758
G-LC-05R	808	707	19.4	2,208	530	615	9"	C1-G-12	1"	4.7"	1/3	\$14,022	\$4,954
G-LC-05	881	868	21.1	2,713	651	755	9"	C1-G-12	1"	5.7"	1/2	\$14,022	\$4,954
G-LC-06	1,077	1,029	25.9	3,217	772	895	10"	C1-G-12	1"	6.2"	1/2	\$16,114	\$5,344
G-LC-07	1,273	1,189	30.7	3,717	892	1,034	10"	C1-G-12	1"	6.3"	1/2	\$17,071	\$5,539
G-LC-08	1,469	1,350	35.5	4,250	1,020	1,174	10"	C1-G-12	1"	5.5"	3/4	\$18,628	\$5,836
G-LC-09	1,664	1,511	40.3	4,804	1,153	1,314	12"	C2-G-15	1-1/4" - 1"	5.7"	3/4	\$20,962	\$6,028
G-LC-10	1,860	1,672	45.1	5,367	1,288	1,454	12"	C2-G-15	1-1/4" - 1"	5.2"	3/4	\$22,517	\$6,227
G-LC-11	2,056	1,832	50.0	5,917	1,420	1,593	12"	C2-G-15	1.25"	5.3"	3/4	\$24,000	\$6,519
G-LC-12	2,252	1,966	54.7	6,358	1,526	1,710	12"	C2-G-15	1-1/2" - 1-1/4"	5.2"	3/4	\$25,771	\$6,715
Steam Only													
G-LCE-13	17.00	1,966	59	6,358	1,526		14"	C2-G-20A	1-1/2"	5.4"	2	\$26,530	\$6,908
G-LCE-14	18.40	2,125	64	6,875	1,650		14"	C2-G-20B	1-1/2" - 1-1/4"	5.1"	2	\$27,566	\$7,162
G-LCE-15	19.80	2,284	68	7,388	1,773		14"	C2-G-20B	2" - 1-1/2"	4.8"	2	\$29,816	\$7,334
G-LCE-16	21.00	2,444	73	7,908	1,898		14"	C3-G-20	2" - 1-1/2"	5.4"	2	\$30,957	\$7,554
G-LCE-17	22.50	2,603	78	8,421	2,021		14"	C3-G-20	2" - 1-1/2"	5.9"	2	\$32,446	\$7,748
G-LCE-18	24.00	2,763	83	8,938	2,145		16"	C3-G-20	2" - 1-1/2"	5.8"	2	\$33,788	\$7,942
G-LCE-19	25.00	2,922	87	9,454	2,269		16"	C3-G-20	2" - 1-1/2"	6.2"	2	\$34,923	\$8,136
G-LCE-20	26.50	3,082	92	9,971	2,393		16"	C3-G-25	2" - 1-1/2"	7.0"	2	\$36,056	\$8,450
G-LCE-21	28.00	3,256	97	10,533	2,528		16"	C3-G-25	2" - 1-1/2"	6.2"	2	\$39,794	\$8,606
G-LCE-22	29.50	3,430	103	11,096	2,663		16"	C3-G-25	2" - 1-1/2"	5.9"	2	\$41,805	\$8,804
G-LCE-23	31.00	3,604	108	11,658	2,798		16"	C3-G-25	2" - 1-1/2"	6.4"	3	\$42,969	\$8,996
G-LCE-24	4,663	3,777	113	12,217	2,932		16"	C3-G-25	2-1/2"	6.9"	3	\$44,061	\$9,197

OPTIONAL POWERFLAME "C" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Control			
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
G-LC-04	C1-G-10	STD	\$620	STD	\$131	\$371	\$630	STD	N/C	\$825	\$1,194
G-LC-05R-07	C1-G-12	STD	\$620	STD	\$131	\$371	\$630	STD	N/C	\$825	\$1,194
G-LC-08-11	C2-G-15	STD	\$620	STD	\$37	\$229	\$630	STD	N/C	\$825	\$1,194
G-LC-E-12-13	C2-G-20A	STD	\$620	\$57	STD	\$219	\$630	STD	N/C	\$825	\$1,194
G-LCE-14-15	C2-G-20B	STD	\$620	\$57	STD	\$219	\$630	N/A	STD	\$825	\$1,023
G-LCE-16-19	C3-G-20	STD	\$620	\$57	N/C	STD	\$630	N/A	STD	\$825	\$1,023
G-LCE-20-22	C3-G-25	STD	\$620	\$57	N/C	STD	\$630	N/A	STD	\$825	\$1,023
G-LCE-23-24	C3-G-25	STD	\$620	N/A	N/A	STD	\$630	N/A	STD	\$825	\$1,023

OPTIONAL POWERFLAME "C" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Standard (UL) Operating Modes				FM Operating Modes				GE GAP	Pre-piped & Wired Gas Train
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	
G-LC-04	C1-G-10	STD	\$661	\$1,137	\$1,342	STD***	\$661	\$1,137	\$1,342	\$138	\$849
G-LC-05R-07	C1-G-12	STD	\$539	\$1,015	\$1,373	STD***	\$539	\$1,015	\$1,373	\$138	\$849
G-LC-08-11	C2-G-15	N/A	STD	\$501	\$1,237	N/A	N/A	\$501	\$1,237	\$138	\$849
G-LC-E-12-13	C2-G-20A	N/A	STD	\$422	\$2,268	N/A	N/C	\$422	\$2,268	\$138	\$849
G-LCE-14-15	C2-G-20B	N/A	STD	\$540	\$2,326	N/A	N/C	\$540	\$2,326	\$135	\$907
G-LCE-16-19	C3-G-20	N/A	STD	\$522	\$1,789	N/A	STD	\$522	\$1,789	\$135	\$907
G-LCE-20-22	C3-G-25	N/A	STD	\$522	\$1,789	N/A	STD	\$522	\$1,789	\$145	\$907
G-LCE-23-24	C3-G-25	N/A	STD	\$522	\$1,789	N/A	STD	\$522	\$1,789	\$145	\$907

STD= Standard; N/A= Not Available; N/C= No Charge

***Does not include gas pressure switches or motorized valve.

Burners are standard with ventless low and high gas pressure switches

Burners are standard with air pressure switch

Series LC/LCE™

LC-LCE-WEBSTER "JB" GAS-FIRED TRADE PRICES

Boiler Model WU or SU	Gas Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Webster "JB"					
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train "NPT."	Gas Press." W.C.	Motor H.P.	Trade Price	Packaged Adder
G-LC-04	686	649	16.3	2029	487	564	9"	JB1O-03	1"	8.0	1/3	\$12,805	\$4,881
G-LC-05R	808	707	19.4	2208	530	615	9"	JB1O-03	1-1/4"	3.0	1/3	\$13,800	\$5,077
G-LC-05	881	868	21.1	2713	651	755	9"	JB1O-03	1-1/4"	3.0	1/3	\$13,800	\$5,077
G-LC-06	1077	1029	25.9	3217	772	895	10"	JB1O-03	1-1/4"	5.0	1/3	\$15,198	\$5,466
G-LC-07	1273	1189	30.7	3717	892	1034	10"	JB1O-03	1 1/4"	7.0	1/3	\$16,662	\$5,662
G-LC-08	1469	1350	35.5	4250	1020	1174	10"	JB1O-05	1-1/2"/1-1/4"	7.0	1/3	\$18,205	\$5,958
G-LC-09	1664	1511	40.3	4804	1153	1314	12"	JB1O-05	2"/1-1/2"	7.0	1/2	\$20,631	\$6,151
G-LC-10	1860	1672	45.1	5367	1288	1454	12"	JB1O-07	2"/1-1/2"	5.0	1/2	\$22,434	\$6,350
G-LC-11	2056	1832	50	5917	1420	1593	12"	JB1O-07	2"/1-1/2"	6.0	3/4	\$24,484	\$6,642
G-LC-12	2252	1966	54.7	6358	1526	1710	12"	JB1O-07	2"/1-1/2"	5.0	3/4	\$25,989	\$6,838
Steam Only													
G-LCE-13	17.00	1,966	58.7	6,358	1,526		14"	JB2O-10	2" / 1 1/2"	6.0	1	\$28,473	\$7,030
G-LCE-14	18.40	2,125	63.5	6,875	1,650		14"	JB2O-10	2" / 1 1/2"	7.0	1	\$29,509	\$7,226
G-LCE-15	19.80	2,284	68.2	7,388	1,773		14"	JB2O-10	2"	6.0	1	\$30,794	\$7,482
G-LCE-16	21.00	2,444	73	7,908	1,898		14"	JB2O-10	2"	6.0	1	\$31,935	\$7,703
G-LCE-17	22.50	2,603	77.7	8,421	2,021		14"	JB2O-10	2"	7.0	1	\$32,952	\$7,897
G-LCE-18	24.00	2,763	82.5	8,938	2,145		16"	JB2O-10	2 1/2" / 2"	7.0	1	\$34,294	\$8,090
G-LCE-19	25.00	2,922	87.3	9,454	2,269		16"	JB2O-15	2 1/2" / 2"	7.0	1-1/2	\$35,883	\$8,285
G-LCE-20	26.50	3,082	92.1	9,971	2,393		16"	JB2O-15	2 1/2" / 2"	8.0	1-1/2	\$37,016	\$8,599
G-LCE-21	28.00	3,256	97.3	10,533	2,528		16"	JB2O-30	2 1/2" / 2"	8.0	3	\$39,211	\$8,754
G-LCE-22	29.50	3,430	102.5	11,096	2,663		16"	JB2O-30	2 1/2"	9.0	3	\$40,259	\$8,952
G-LCE-23	31.00	3,604	107.7	11,658	2,798		16"	JB2O-30	2 1/2"	10.0	3	\$41,423	\$9,145
G-LCE-24	4,663	3,777	112.8	12,217	2,932		16"	JB2O-30	2 1/2"	8.0	3	\$42,515	\$9,346

OPTIONAL WEBSTER "JB" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Control			
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
G-LC-04-08	JB1G-03	STD	\$650	STD	N/C	\$1,015	\$604	STD	\$162	\$973	\$1,128
G-LC-09-10	JB1G-05	STD	\$650	STD	N/C	\$1,028	\$604	STD	\$162	\$973	\$1,128
G-LC-11-12	JB1G-07	STD	\$650	STD	N/C	\$1,020	\$604	STD	\$162	\$973	\$1,128
G-LCE-13-18	JB1G-10	STD	\$650	N/A	N/A	STD	\$604	N/A	STD	\$973	\$1,128
G-LCE-19-20	JB1G-15	STD	\$650	N/A	N/A	STD	\$604	N/A	STD	\$973	\$1,128
G-LCE-21-24	JB1G-30	STD	\$650	N/A	N/A	STD	\$604	N/A	STD	\$973	\$1,128

OPTIONAL WEBSTER "JB" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Standard (UL) Operating Modes				FM Operating Modes				GE GAP	Pre-piped & Wired Gas Train
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	FM Operating Modes*	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller		
G-LC-04-08	JB1G-03	STD	\$507	\$955	\$1,794	STD	STD	\$955	\$1,794	STD	\$972
G-LC-09-10	JB1G-05	N/A	STD	\$471	\$1,287	N/A	STD	\$677	\$1,494	STD	\$972
G-LC-11-12	JB1G-07	N/A	STD	\$451	\$1,478	N/A	STD	\$371	\$1,399	STD	\$972
G-LCE-13-18	JB1G-10	N/A	STD	\$453	\$861	N/A	\$584	\$859	\$2,639	STD	\$1,038
G-LCE-19-20	JB1G-15	N/A	STD	\$448	\$1,004	N/A	\$477	\$925	\$2,651	STD	\$1,038
G-LCE-21-24	JB1G-30	N/A	STD	\$448	\$1,853	N/A	\$495	\$940	\$3,531	STD	\$1,038

STD= Standard; N/A= Not Available; N/C= No Charge

*Does not include gas pressure switches or motorized valve

Burners are standard with ventless low and high gas pressure switches

Burners are standard with air pressure switch

Series LC/LCE™

LC-LCE-POWERFLAME "C" GAS/OIL-FIRED TRADE PRICES														
Boiler Model WU or SU	Oil Input GPH	Gas Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Powerflame "C"					
					Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train "NPT."	Gas Press.	Motor H.P.	Trade Price	Packaged Adder
GO-LC-04	4.75	686	547	16	1708	410	476	9"	C1-GO-10	1"	4.1"	1/2	\$13,930	\$4,758
GO-LC-05R	5.60	784	649	19.4	2,029	487	564	9"	C1-GO-12	1"	4.7"	1/2	\$14,947	\$4,954
GO-LC-05	6.10	854	707	21.1	2,208	530	615	9"	C1-GO-12	1"	4.7"	1/2	\$14,947	\$4,954
GO-LC-06	7.50	1,050	868	25.9	2,713	651	755	10"	C1-GO-12	1"	4.9"	1/2	\$16,873	\$5,344
GO-LC-07	8.80	1,232	1,029	30.7	3,217	772	895	10"	C1-GO-12	1"	5.5"	1/2	\$18,269	\$5,539
GO-LC-08	10.20	1,428	1,189	35.5	3,717	892	1,034	10"	C2-GO-15	1-1/4"/1"	6.3"	1	\$20,112	\$5,836
GO-LC-09	11.60	1,624	1,350	40.3	4,250	1,020	1,174	12"	C2-GO-15	1-1/4"/1"	6.7"	1	\$22,595	\$6,028
GO-LC-10	12.80	1,792	1,511	45.1	4,804	1,153	1,314	12"	C2-GO-15	1-1/2"	5.7"	1	\$24,150	\$6,227
GO-LC-11	14.20	1,988	1,672	50	5,367	1,288	1,454	12"	C2-GO-15	1-1/2"/1-1/4"	6.1"	1	\$25,633	\$6,519
GO-LC-12	15.60	2,184	1,832	54.7	5,917	1,420	1,593	12"	C2-GO-20	1-1/2"	6.9"	1	\$27,518	\$6,715
Steam Only														
GO-LCE-13	17.00	2,464	1,966	59	6,358	1,526		14"	C2-GO-20A	1-1/2"-1-1/4"	5.9"	1	\$28,314	\$6,908
GO-LCE-14	18.40	2,657	2,125	64	6,875	1,650		14"	C2-GO-20	2"-1-1/2"	5.4"	1 1/2	\$30,315	\$7,205
GO-LCE-15	19.80	2,850	2,284	68	7,388	1,773		14"	C2-GO-20	2"-1-1/2"	6.2"	1 1/2	\$31,565	\$7,377
GO-LCE-16	21.00	3,043	2,444	73	7,908	1,898		14"	C3-GO-20	2"-1-1/2"	5.5"	2	\$34,158	\$7,597
GO-LCE-17	22.50	3,236	2,603	78	8,421	2,021		14"	C3-GO-20	2"-1-1/2"	6.0"	2	\$35,175	\$7,791
GO-LCE-18	24.00	3,429	2,763	83	8,938	2,145		16"	C3-GO-20	2"-1-1/2"	6.5"	2	\$36,517	\$7,985
GO-LCE-19	25.00	3,622	2,922	87	9,454	2,269		16"	C3-GO-20	2"-1-1/2"	7.0"	2	\$37,652	\$8,179
GO-LCE-20	26.50	3,815	3,082	92	9,971	2,393		16"	C3-GO-25	2"-1-1/2"	8.7"	3	\$38,822	\$8,493
GO-LCE-21	28.00	4,027	3,256	97	10,533	2,528		16"	C3-GO-25	2-1/2"	5.8"	3	\$41,796	\$8,649
GO-LCE-22	29.50	4,239	3,430	103	11,096	2,663		16"	C3-GO-25	2-1/2"	6.3"	3	\$42,844	\$8,847
GO-LCE-23	31.00	4,451	3,604	108	11,658	2,798		16"	C3-GO-25	2-1/2"	6.8"	3	\$44,004	\$9,039
GO-LCE-24	32.50	4,663	3,777	113	12,217	2,932		16"	C3-GO-25	2-1/2"	6.9"	3	\$45,096	\$9,240

OPTIONAL POWERFLAME "C" GAS/OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price											
Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Control			
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
GO-LC-04	C1-GO-10	STD	\$620	STD	\$131	\$371	\$630	N/A	STD	\$825	\$1,023
GO-LC-05R-07	C1-GO-12	STD	\$620	STD	\$131	\$371	\$630	N/A	STD	\$825	\$1,023
GO-LC-08-11	C2-GO-15	STD	\$620	\$57	STD	\$183	\$630	N/A	STD	\$825	\$1,023
GO-LC-E-12-13	C2-GO-20A	STD	\$620	\$57	STD	\$227	\$630	N/A	STD	\$825	\$1,023
GO-LCE-14-15	C2-GO-20B	STD	\$620	\$57	STD	\$179	\$630	N/A	STD	\$825	\$1,023
GO-LCE-16-19	C3-GO-20	STD	\$620	N/A	N/C	STD	\$630	N/A	STD	\$825	\$1,023
GO-LCE-20-24	C3-GO-20	STD	\$620	N/A	N/A	STD	\$630	N/A	STD	\$825	\$1,023

OPTIONAL POWERFLAME "C" GAS/OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price													
Boiler Size	Burner Model	Standard (UL) Operating Modes				*FM Operating Modes				GE GAP	REMOTE PUMP SET		Pre-piped & Wired Gas Train
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	120-60-1	3 Phase	
GO-LC-04	C1-GO-10	STD	\$1,418	\$1,855	\$3,061	STD*	\$1,418	\$1,855	\$3,061	\$299	\$1,904	\$2,223	\$849
GO-LC-05R-07	C1-GO-12	STD	\$1,432	\$1,870	\$3,112	STD*	\$1,432	\$1,870	\$3,112	\$299	\$1,904	\$2,223	\$849
GO-LC-08-11	C2-GO-15	STD	\$825	\$1,273	\$2,747	STD*	\$825	\$1,273	\$2,747	\$300	\$1,827	\$2,184	\$849
GO-LC-E-12-13	C2-GO-20A	N/A	STD	\$422	\$2,268	N/A	STD	\$422	\$2,268	\$176	\$1,879	\$2,155	\$849
GO-LCE-14-15	C2-GO-20B	N/A	STD	\$540	\$2,326	N/A	STD	\$540	\$2,326	\$176	\$1,691	\$2,056	\$950
GO-LCE-16-19	C3-GO-20	N/A	STD	\$522	\$1,789	N/A	STD	\$522	\$2,326	\$176	\$1,904	\$2,111	\$950
GO-LCE-20-24	C3-GO-20	N/A	STD	\$522	\$1,789	N/A	STD	\$522	\$1,789	\$176	\$1,904	\$2,111	\$950

STD= Standard; N/A= Not Available; N/C= No Charge
*Does not include gas pressure switches or motorized valve.

Burners are standard with ventless low and high gas pressure switches
Burners are standard with air pressure switch

Series LC/LCE™

LC-LCE-WEBSTER "JB" GAS/OIL-FIRED TRADE PRICES

Boiler Model WU or SU	Oil Input GPH	Gas Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	WEBSTER "JB"					
					Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train "NPT."	Gas Press.	Motor H.P.	Trade Price	Packaged Adder
GO-LC-04	4.75	686	547	16	1708	410	476	9"	JB1C-03	1"	8.0"	1/3	\$13,577	\$4,881
GO-LC-05R	5.60	808	649	19	2029	487	564	9"	JB1C-03	1-1/4"	3.0"	1/3	\$14,572	\$5,077
GO-LC-05	6.10	881	707	21	2208	530	615	9"	JB1C-03	1-1/4"	3.0"	1/3	\$14,572	\$5,077
GO-LC-06	7.50	1077	868	26	2713	651	755	10"	JB1C-03	1-1/4"	5.0"	1/3	\$15,970	\$5,466
GO-LC-07	8.80	1273	1029	31	3217	772	895	10"	JB1C-03	1 1/4"	7.0"	1/3	\$18,179	\$5,662
GO-LC-08	10.20	1469	1189	36	3717	892	1034	10"	JB1C-05	1/4"	7.0"	1/3	\$20,572	\$5,958
GO-LC-09	11.60	1664	1350	40	4250	1020	1174	12"	JB1C-05	2"/1-1/2"	7.0"	1/2	\$22,515	\$6,151
GO-LC-10	12.80	1860	1511	45	4804	1153	1314	12"	JB1C-07	2"/1-1/2"	5.0"	1/2	\$24,444	\$6,350
GO-LC-11	14.20	2056	1672	50	5367	1288	1454	12"	JB1C-07	2"/1-1/2"	6.0"	3/4	\$25,841	\$6,642
GO-LC-12	15.60	2252	1832	55	5917	1420	1593	12"	JB1C-07	2"/1-1/2"	5.0"	3/4	\$27,346	\$6,838
Steam Only														
GO-LCE-13	17.00	2,464	1,966	59	6,358	1,526		14"	JB2C-10	2" / 1 1/2"	6.0	1	\$29,824	\$7,030
GO-LCE-14	18.40	2,657	2,125	64	6,875	1,650		14"	JB2C-10	2" / 1 1/2"	7.0	1	\$30,860	\$7,226
GO-LCE-15	19.80	2,850	2,284	68	7,388	1,773		14"	JB2C-10	2"	6.0	1	\$32,146	\$7,482
GO-LCE-16	21.00	3,043	2,444	73	7,908	1,898		14"	JB2C-10	2"	6.0	1	\$33,287	\$7,703
GO-LCE-17	22.50	3,236	2,603	78	8,421	2,021		14"	JB2C-10	2"	7.0	1	\$34,304	\$7,897
GO-LCE-18	24.00	3,429	2,763	83	8,938	2,145		16"	JB2C-10	2 1/2" / 2"	7.0	1	\$35,840	\$8,090
GO-LCE-19	25.00	3,622	2,922	87	9,454	2,269		16"	JB2C-15	2 1/2" / 2"	7.0	1 1/2	\$38,161	\$8,285
GO-LCE-20	26.50	3,815	3,082	92	9,971	2,393		16"	JB2C-15	2 1/2" / 2"	8.0	1 1/2	\$39,294	\$8,599
GO-LCE-21	28.00	4,027	3,256	97	10,533	2,528		16"	JB2C-30	2 1/2" / 2"	8.0	3	\$41,692	\$8,754
GO-LCE-22	29.50	4,239	3,430	103	11,096	2,663		16"	JB2C-30	2 1/2"	9.0	3	\$42,740	\$8,952
GO-LCE-23	31.00	4,451	3,604	108	11,658	2,798		16"	JB2C-30	2 1/2"	10.0	3	\$43,904	\$9,145
GO-LCE-24	32.50	4,663	3,777	113	12,217	2,932		16"	JB2C-30	2 1/2"	8.0	3	\$44,996	\$9,346

OPTIONAL WEBSTER "JB" GAS/OILBURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Control			
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
G-LC-04-08	JB1G-03	STD	\$650	STD	N/C	\$1,015	\$604	STD	\$162	\$973	\$1,128
G-LC-09-10	JB1G-05	STD	\$650	STD	N/C	\$1,028	\$604	STD	\$162	\$973	\$1,128
G-LC-11-12	JB1G-07	STD	\$650	STD	N/C	\$1,020	\$604	STD	\$162	\$973	\$1,128
G-LCE-13-18	JB1G-10	STD	\$650	N/C	N/A	STD	\$604	N/A	STD	\$973	\$1,128
G-LCE-19-20	JB1G-15	STD	\$650	N/A	N/A	STD	\$604	N/A	STD	\$973	\$1,128
G-LCE-21-24	JB1G-30	STD	\$650	N/A	N/A	STD	\$604	N/A	STD	\$973	\$1,128

OPTIONAL WEBSTER "JB" GAS/OILBURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Standard (UL) Operating Modes				FM Operating Modes*				GE GAP	REMOTE PUMP SET		Pre-piped & Wired Gas Train
		On-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	Lo-Hi-Off	Lo-Hi-Off	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	120-60-1	3 Phase	
G-LC-04-08	JB1G-03	STD	\$1,252	\$1,667	\$2,845	STD	\$1,252	\$1,667	\$2,845	STD	\$1,856	\$3,886	\$972
G-LC-09-10	JB1G-05	N/A	STD	\$425	\$10,421	N/A	STD	\$425	\$10,403	STD	\$1,856	\$3,886	\$972
G-LC-11-12	JB1G-07	N/A	STD	\$405	\$1,519	N/A	STD	\$405	\$1,519	STD	\$1,856	\$3,886	\$972
G-LCE-13-18	JB1G-10	N/A	STD	\$476	\$1,486	N/A	\$541	\$476	\$1,486	STD	\$1,856	\$3,886	\$1,056
G-LCE-19-20	JB1G-15	N/A	STD	\$479	\$1,216	N/A	\$354	\$479	\$1,216	STD	\$1,856	\$3,886	\$1,056
G-LCE-21-24	JB1G-30	N/A	STD	\$119	\$958	N/A	\$347	\$119	\$958	STD	\$1,856	\$3,886	\$1,056

STD= Standard; N/A= Not Available; N/C= No Charge

*Does not include gas pressure switches or motorized valve.

Burners are standard with ventless low and high gas pressure switches

Burners are standard with air pressure switch

Series LC/LCE™

CRATE DIMENSIONS			
Boiler Model	Length	Width	Height
LC-04	78"	58"	75"
LC-05R	83"	58"	75"
LC-05	83"	58"	75"
LC-06	88"	58"	75"
LC-07	93"	58"	75"
LC-08	102"	58"	75"
LC-09	107"	58"	75"
LC-10	112"	58"	75"
LC-11	117"	58"	75"
LC-12	122"	58"	75"
LCE-13	127"	58"	75"
LCE-14	132"	58"	75"
LCE-15	137"	58"	75"
LCE-16	142"	58"	75"
LCE-17	151"	58"	75"
LCE-18	156"	58"	75"
LCE-19	161"	58"	75"
LCE-20	166"	58"	75"
LCE-21	171"	58"	75"
LCE-22	171"	58"	75"
LCE-23	182"	58"	75"
LCE-24	187"	58"	75"



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POWER BURNER

Series TC II™

- Large Commercial Boilers - Packaged, Assembled Block or Individual Sections
- Forced Draft Venting • Power Burners - Oil, Gas, Gas/Oil
- Steam or Hot Water Boilers • Optional Tankless Coils • Increased Efficiencies



Standard Equipment:

- Cast Iron Sections - Factory Tested
- Insulated Powder Coated Steel Jacket w/ Handles
- Cast Iron Flue Collector with Integral Damper
- Burner Mounting Plate with Insulation Block
- Front and Rear Flame Observation Ports
- Steel Angle Floor Rails
- Ceramic Fiber Rope Seal Between Sections
- Baffle Flue Rods Between Flue passages

Water:

- 80 PSI Working Pressure, Cast Iron Sections
- 30 PSI ASME Safety Relief Valve
- Temperature Pressure Gauge
- Balanced Temperature Return Water Stabilizer
- Operating Control L4006A
- Limit Control L4006E, Manual Reset

Steam:

- 15 PSI ASME Side Outlet Safety Valve
- Steam Gauge
- Gauge Glass with Gauge Cocks and Guards
- Operating Pressure Control PA404A
- High Limit Pressure Control, Manual Reset L4079B

SERIES TCII™ BOILER RATINGS

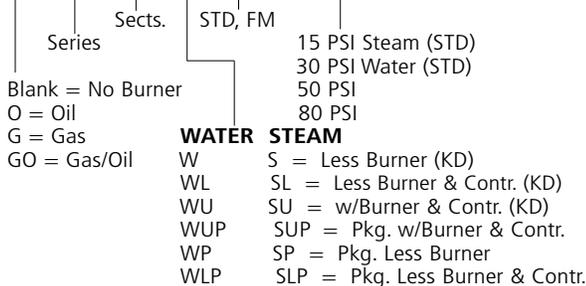
Series TCII™											AHRI CERTIFIED® www.ahri-direct.org		Less Burner			
Boiler Model	Oil Input		Gas Input, MBH	Gross Output, MBH	Net Ratings			Oil		Gas		Boiler H.P.	Approx. Shipping Weight, lbs	Trade Price (Water)	Trade Price (Steam)	Package Adder
	GPH	MBH			Steam, sqft	Steam, MBH	Water, MBH	Combustion Efficiency, %	Thermal Efficiency, %	Combustion Efficiency, %	Thermal Efficiency, %					
TCII-04	7.90	1,106	1,143	931	2,908	698	810	86.2	83.9	83.6	81.4	28	3,102	\$11,628	\$11,620	\$5,076
TCII-05	10.20	1,428	1,458	1,194	3,733	896	1,038	86.2	84.4	83.6	81.9	36	3,730	\$13,991	\$13,938	\$5,365
TCII-06	12.20	1,708	1,773	1,458	4,625	1,110	1,268	86.1	84.8	83.5	82.2	44	4,368	\$16,276	\$16,247	\$5,652
TCII-07	14.40	2,016	2,088	1,722	5,542	1,330	1,497	86.1	85.0	83.5	82.5	51	5,005	\$18,675	\$18,606	\$5,841
TCII-08	16.60	2,324	2,403	1,985	6,421	1,541	1,726	86.1	85.2	83.5	82.6	59	5,653	\$21,029	\$21,016	\$6,036
TCII-09	18.80	2,632	2,718	2,249	7,275	1,745	1,956	86.1	85.3	83.5	82.7	67	6,296	\$23,326	\$23,313	\$6,320
TCII-10	21.00	2,940	3,033	2,513	8,129	1,951	2,185	86.1	85.4	83.5	82.8	75	6,971	\$25,663	\$25,707	\$6,607
TCII-11	23.00	3,220	3,348	2,776	8,979	2,155	2,414	86.0	85.5	83.5	82.9	83	7,609	\$28,198	\$28,072	\$6,801
TCII-12	25.50	3,570	3,663	3,040	9,833	2,360	2,643	86.0	85.6	83.5	83.0	91	8,249	\$30,410	\$30,284	\$7,183
TCII-13	27.50	3,850	3,978	3,304	10,688	2,565	2,873	86.0	85.6	83.5	83.0	99	8,885	\$32,732	\$32,606	\$7,333
TCII-14	29.50	4,130	4,293	3,567	11,538	2,769	3,102	86.0	85.7	83.5	83.1	107	9,524	\$34,982	\$34,937	\$7,758
TCII-15	32.00	4,480	4,608	3,831	12,392	2,974	3,331	86.0	85.7	83.4	83.1	114	10,224	\$37,180	\$37,248	\$7,950
TCII-16	34.00	4,760	4,923	4,095	13,246	3,179	3,561	86.0	85.7	83.4	83.2	122	10,948	\$39,502	\$39,570	\$8,142
TCII-17	36.50	5,110	5,238	4,358	14,100	3,384	3,790	86.0	85.8	83.4	83.2	130	11,669	\$42,374	\$42,472	\$8,333
TCII-18	38.50	5,390	5,553	4,622	14,954	3,589	4,019	86.0	85.8	83.4	83.2	138	12,390	\$44,702	\$44,800	\$8,620

- Net water ratings are based on allowance of 1.15. Net ratings for steam boilers are based on piping and pick-up factor as follows: 4 and 5 section = 1.333, 6-section = 1.305, 8 section and larger = 1.288.
- Burner oil input based on Commercial Standard #2 fuel oil with a heating value of 140,000 BTU/Gal.
- Gas having a heat content of 1,000 BTU/Cu. Ft., 0.60 specific gravity.
- Consult factory before selecting a boiler for installation having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.
- Combustion and thermal efficiency determined in accordance with BTS 2000 Testing Standards for Heating Boilers.

Ordering Information:

Example:

O - TCII - 04 - W - STD - 30 PSI



OPTIONAL EQUIPMENT TRADE PRICES Add to Trade Price

Description	Trade Price
50 or 80 PSI Relief Valve (in lieu of standard)*	No Charge
Factory Assembled Sections	\$162 Per Section
1-1/2" Inspection Tappings Three per Section w/ Brass Plug	\$154 Per Section
Optional LWCO Tap, 3rd Section	\$109
Tankless Intermediate Opening (add to trade)	\$138
Mounting of Optional Controls on Packaged Boilers	\$128
Tankless Cover Plate	\$41
Flange 5" NPT, w/ 8-1/2" Bolt Pattern, 99431	\$145
Factory Fire Test of Packaged Boiler (Nat. Gas or #2 Oil)	
Functional w/o Combustion Report	\$482
Comprehensive w/ Combustion Report	\$959
Barometric Draft Dampers	Code No.
TCII-04 thru TCII-06	10" 90391 \$270
TCII-07 thru TCII-08	12" 90394 \$338
TCII-09 thru TCII-13	14" 90395 \$501
TCII-14 thru TCII-16	16" 90396 \$590
TCII-17 thru TCII-18	18" 90591 \$744
Thermal Switch for Draft Damper	50702 \$168

*30 PSI relief valve furnished unless otherwise specified on order
Extended Warranty available; see page 132 for details.

DOMESTIC WATER COILS

Code No.	Capacity, gal/min. 200 Boiler water*	Pressure Drop-PSI	Inlet/Outlet Tapping	Shipping Weight Lbs.	Trade Price
76073	8	13	3/4"	25	\$773

*Intermittent draw 100°F average rise

For Additional TCII™ Product Information:

See page 101-102 for Notes and pages 107-110 for Optional Controls and Components. See Product Catalog Literature for Complete Product Specifications.

Series TC II™

TCII-BECKETT OIL-FIRED TRADE PRICES

Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Approx. Shipping Weight (lbs.)	Beckett				
				Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	Trade Price (Water)	Trade Price (Steam)	Packaged Adder
O-TC-II-04	7.9	931	28	2,908	698	810	10	3,102	CF1400	1/2	\$14,925	\$14,917	\$5,076
O-TC-II-05	10.2	1,194	36	3,733	896	1,038	10	3,730	CF2300	1/2	\$17,660	\$17,607	\$5,365
O-TC-II-06	12.2	1,458	44	4,625	1,110	1,268	10	4,368	CF2300	3/4	\$19,945	\$19,916	\$5,652
O-TC-II-07	14.4	1,722	51	5,542	1,330	1,497	12	5,005	CF2300	3/4	\$22,344	\$22,275	\$5,841
O-TC-II-08	16.6	1,985	59	6,421	1,541	1,726	12	5,653	CF2500A	3/4	\$26,792	\$26,779	\$6,036
O-TC-II-09	18.8	2,249	67	7,275	1,745	1,956	14	6,296	CF2500A	3/4	\$29,089	\$29,076	\$6,320
O-TC-II-10	21.0	2,513	75	8,129	1,951	2,185	14	6,971	CF2500	2	\$33,128	\$33,172	\$6,607
O-TC-II-11	23.0	2,776	83	8,979	2,155	2,414	14	7,609	CF3500	2	\$35,977	\$35,851	\$6,801
O-TC-II-12	25.5	3,040	91	9,833	2,360	2,643	14	8,249	CF3500	2	\$38,189	\$38,063	\$7,183
O-TC-II-13	27.5	3,304	99	10,688	2,565	2,873	14	8,885	CF3500	2	\$40,511	\$40,385	\$7,333
O-TC-II-14	29.5	3,567	107	11,538	2,769	3,102	16	9,524					
O-TC-II-15	32.0	3,831	114	12,392	2,974	3,331	16	10,224					
O-TC-II-16	34.0	4,095	122	13,246	3,179	3,561	16	10,948					
O-TC-II-17	36.5	4,358	130	14,100	3,384	3,790	18	11,669					
O-TC-II-18	38.5	4,622	138	14,954	3,589	4,019	18	12,390					

OPTIONAL BECKETT OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls				
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		7505C CC	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
O-TC-II-04	CF1400	STD	\$1,244	STD	N/C	\$614	\$2,105	STD	\$1,295	N/A	\$1,773	CF
O-TC-II-05-07	CF2300	STD	\$1,244	STD	N/C	\$615	\$2,126	STD	\$1,295	N/A	\$1,773	CF
O-TC-II-08-09	CF2500A	STD	\$1,244	STD	N/C	\$548	\$2,126	STD	\$1,295	N/A	\$1,773	CF
O-TC-II-10	CF2500	STD	\$1,244	STD	N/C	\$548	\$2,126	STD	\$1,295	N/A	\$1,773	CF
O-TC-II-11-13	CF3500	STD	\$1,244	N/A	STD	\$548	\$2,126	N/A	STD	N/A	\$1,773	CF

OPTIONAL BECKETT OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Standard (UL) Operating Modes		FM Operating Modes		GE GAP	REMOTE PUMP SET		Direct Spark Ignition of Oil
		Lo-Hi-Lo w/ Controller	Mod w/ Controller	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	120-60-1	3 Phase	
O-TC-II-04	CF1400	\$119	N/A	\$119	N/A	STD	N/A	N/A	STD
O-TC-II-05-07	CF2300	\$119	N/A	\$119	N/A	STD	N/A	N/A	STD
O-TC-II-08-09	CF2500A	\$119	N/A	\$119	N/A	STD	N/A	N/A	STD
O-TC-II-10	CF2500	\$119	N/A	\$119	N/A	STD	N/A	N/A	STD
O-TC-II-11-13	CF3500	\$119	N/A	\$119	N/A	STD	N/A	N/A	STD

N/A= Not Available
 GeniSys Display add \$80 to trade
 CCT Includes Burner Panel

Series TC II™

TCII-CARLIN OIL-FIRED TRADE PRICES													
Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Approx. Shipping Weight (lbs.)	Carlin				
				Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	Trade Price (Water)	Trade Price (Steam)	Packaged Adder
O-TC-II-04	7.9	931	28	2,908	698	810	10	3,102	702CRD	1/2	\$14,467	\$14,459	\$5,076
O-TC-II-05	10.2	1,194	36	3,733	896	1,038	10	3,730	702CRD	1/2	\$17,224	\$17,171	\$5,365
O-TC-II-06	12.2	1,458	44	4,625	1,110	1,268	10	4,368	801CRD	3/4	\$19,509	\$19,480	\$5,652
O-TC-II-07	14.4	1,722	51	5,542	1,330	1,497	12	5,005	801CRD	3/4	\$21,908	\$21,839	\$5,841
O-TC-II-08	16.6	1,985	59	6,421	1,541	1,726	12	5,653	801CRD	3/4	\$25,745	\$25,732	\$6,036
O-TC-II-09	18.8	2,249	67	7,275	1,745	1,956	14	6,296	1050FFD	1	\$31,388	\$31,375	\$6,320
O-TC-II-10	21.0	2,513	75	8,129	1,951	2,185	14	6,971	1050FFD	1	\$34,019	\$34,063	\$6,607
O-TC-II-11	23.0	2,776	83	8,979	2,155	2,414	14	7,609	1150FFD	1 1/2	\$37,010	\$36,884	\$6,801
O-TC-II-12	25.5	3,040	91	9,833	2,360	2,643	14	8,249	1150FFD	1 1/2	\$39,222	\$39,096	\$7,183
O-TC-II-13	27.5	3,304	99	10,688	2,565	2,873	14	8,885	1150FFD	1 1/2	\$41,544	\$41,418	\$7,333
O-TC-II-14	29.5	3,567	107	11,538	2,769	3,102	16	9,524	1150FFD	1 1/2	\$43,794	\$43,749	\$7,758
O-TC-II-15	32.0	3,831	114	12,392	2,974	3,331	16	10,224					
O-TC-II-16	34.0	4,095	122	13,246	3,179	3,561	16	10,948					
O-TC-II-17	36.5	4,358	130	14,100	3,384	3,790	18	11,669					
O-TC-II-18	38.5	4,622	138	14,954	3,589	4,019	18	12,390					

OPTIONAL CARLIN OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price												
Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls				
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		CCT-60200 CC	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
O-TC-II-04-05	702CRD	\$1,171	\$1,171	STD	\$518	\$1,245	Incl	STD	\$1,300	\$3,649	\$3,442	\$4,634
O-TC-II-06-08	801CRD	\$1,171	\$1,171	STD	\$518	\$1,245	Incl	STD	\$1,300	\$3,649	\$3,442	\$4,634
O-TC-II-09-10	1050FFD	\$1,171	\$1,171	N/A	STD	\$1,245	Incl	N/A	N/A	N/A	STD	\$985
O-TC-II-11-14	1150FFD	\$1,171	\$1,171	N/A	STD	\$1,245	Incl	N/A	N/A	N/A	STD	\$985

OPTIONAL CARLIN OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price									
Boiler Size	Burner Model	Standard (UL) Operating Modes		FM Operating Modes		GE GAP	REMOTE PUMP SET		Direct Spark Ignition of Oil
		Lo-Hi-Lo w/ Controller	Mod w/ Controller	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	120-60-1	3 Phase	
O-TC-II-04-05	702CRD	\$119	CF	\$1,892	CF	STD	CF	CF	STD
O-TC-II-06-08	801CRD	\$119	CF	\$1,892	CF	STD	CF	CF	STD
O-TC-II-09-10	1050FFD	\$119	CF	\$1,892	CF	STD	CF	CF	STD
O-TC-II-11-14	1150FFD	\$119	CF	\$1,892	CF	STD	CF	CF	STD

N/A= Not Available

Series TC II™

TCII-POWERFLAME OIL-FIRED TRADE PRICES

Boiler Model WU or SU	Oil Input GPH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Approx. Shipping Weight (lbs.)	POWERFLAME				
				Steam Sq.ft.	Steam MBH	Water MBH			Burner Model	Motor H.P.	Trade Price (Water)	Trade Price (Steam)	Packaged Adder
O-TC-II-04	7.9	931	28	2,908	698	810	10	3,102	C1-O	1/2	\$17,570	\$17,562	\$5,076
O-TC-II-05	10.2	1,194	36	3,733	896	1,038	10	3,730	C1-O	1/2	\$19,933	\$19,880	\$5,365
O-TC-II-06	12.2	1,458	44	4,625	1,110	1,268	10	4,368	C2-OA	1	\$22,286	\$22,257	\$5,652
O-TC-II-07	14.4	1,722	51	5,542	1,330	1,497	12	5,005	C2-OA	1	\$24,685	\$24,616	\$5,841
O-TC-II-08	16.6	1,985	59	6,421	1,541	1,726	12	5,653	C2-OB	1	\$27,116	\$27,103	\$6,036
O-TC-II-09	18.8	2,249	67	7,275	1,745	1,956	14	6,296	C2-OB	1 1/2	\$29,551	\$29,538	\$6,320
O-TC-II-10	21.0	2,513	75	8,129	1,951	2,185	14	6,971	C2-OB	1 1/2	\$37,072	\$37,116	\$6,607
O-TC-II-11	23.0	2,776	83	8,979	2,155	2,414	14	7,609	C3-O	2	\$40,810	\$40,684	\$6,801
O-TC-II-12	25.5	3,040	91	9,833	2,360	2,643	14	8,249	C3-O	2	\$44,058	\$43,932	\$7,183
O-TC-II-13	27.5	3,304	99	10,688	2,565	2,873	14	8,885	C3-O	2	\$46,380	\$46,254	\$7,333
O-TC-II-14	29.5	3,567	107	11,538	2,769	3,102	16	9,524	C3-O	2	\$48,469	\$48,424	\$7,758
O-TC-II-15	32.0	3,831	114	12,392	2,974	3,331	16	10,224	C3-OB	3	\$50,667	\$50,735	\$7,950
O-TC-II-16	34.0	4,095	122	13,246	3,179	3,561	16	10,948	C3-OB	3	\$53,991	\$54,059	\$8,142
O-TC-II-17	36.5	4,358	130	14,100	3,384	3,790	18	11,669	C4-OA	5	\$56,975	\$57,073	\$8,333
O-TC-II-18	38.5	4,622	138	14,954	3,589	4,019	18	12,390	C4-OA	5	\$61,560	\$61,658	\$8,620

OPTIONAL POWERFLAME OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls				
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		R7284P/CC	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
O-TC-II-04-05	C1-O	STD	\$645	STD	\$136	\$386	\$630	STD	\$659	\$659	\$1,508	\$1,889
O-TC-II-06-07	C2-OA	STD	\$645	STD	\$136	\$386	\$630	STD	\$659	\$659	\$1,508	\$1,889
O-TC-II-08-09	C2-OB	STD	\$645	\$60	STD	\$73	\$630	STD	\$659	\$659	\$1,508	\$1,889
O-TC-II-10	C2-OB	STD	\$645	\$60	STD	\$73	\$630	N/A	STD	N/C	\$850	\$1,230
O-TC-II-11-14	C3-O	STD	\$645	\$148	\$89	STD	\$630	N/A	STD	N/C	\$850	\$1,230
O-TC-II-15-16	C3-OB	STD	\$645	N/A	N/A	STD	\$630	N/A	STD	N/C	\$850	\$1,230
O-TC-II-17-18	C4-OA	STD	\$645	N/A	N/A	STD	\$630	N/A	STD	N/C	\$850	\$1,230

OPTIONAL POWERFLAME OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Standard (UL) Operating Modes		FM Operating Modes		GE GAP	REMOTE PUMP SET		Direct Spark Ignition of Oil
		Lo-Hi-Lo w/ Controller	Mod w/ Controller	Lo-Hi-Lo w/ Controller	Mod w/ Controller		CSD	120-60-1	
O-TC-II-04-05	C1-O	\$119	\$1,652	\$119	\$1,652	\$176	\$3,221	\$3,516	STD
O-TC-II-06-07	C2-OA	\$119	\$1,641	\$119	\$1,641	\$176	\$3,187	\$3,473	STD
O-TC-II-08-09	C2-OB	N/A	\$420	N/A	\$420	\$176	\$1,774	\$2,157	STD
O-TC-II-10	C2-OB	N/A	\$420	N/A	\$420	\$176	\$1,998	\$2,215	STD
O-TC-II-11-14	C3-O	N/A	\$420	N/A	\$420	\$176	\$2,135	\$2,264	STD
O-TC-II-15-16	C3-OB	N/A	\$420	N/A	\$420	\$176	\$1,998	\$2,215	STD
O-TC-II-17-18	C4-OA	N/A	\$420	N/A	\$420	\$176	\$1,832	\$1,964	STD

N/A= Not Available

Series TC II™

TCII-BECKETT GAS-FIRED TRADE PRICES

Boiler Model WU or SU	Gas Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Beckett					Trade Price (Water)	Trade Price (Steam)	Packaged Adder
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train NPT."	Gas Press.	Motor H.P.				
G-TC-II-04	1,143	931	28	2,908	698	810	10	CG15	1"	6.9"	1/2	\$18,071	\$18,063	\$5,165	
G-TC-II-05	1,458	1,194	36	3,733	896	1,038	10	CG25	1 1/2"	5.2"	1/2	\$20,811	\$20,758	\$5,455	
G-TC-II-06	1,773	1,458	44	4,625	1,110	1,268	10	CG25	1 1/2"	5.9"	3/4	\$23,842	\$23,813	\$5,742	
G-TC-II-07	2,088	1,722	51	5,542	1,330	1,497	12	CG25	1 1/2"	5.8"	3/4	\$25,560	\$25,491	\$5,931	
G-TC-II-08	2,403	1,985	59	6,421	1,541	1,726	12	CG25	1 1/2"	6.1"	3/4	\$27,914	\$27,901	\$6,125	
G-TC-II-09	2,718	2,249	67	7,275	1,745	1,956	14	CG50	1 1/2"	4.1"	3/4	\$32,677	\$32,664	\$6,409	
G-TC-II-10	3,033	2,513	75	8,129	1,951	2,185	14	CG50	2"	5.6"	2	\$35,014	\$35,058	\$6,696	
G-TC-II-11	3,348	2,776	83	8,979	2,155	2,414	14	CG50	2"	5.8"	2	\$39,046	\$38,920	\$6,890	
G-TC-II-12	3,663	3,040	91	9,833	2,360	2,643	14	CG50	2 1/2"	6.4"	2	\$41,258	\$41,132	\$7,273	
G-TC-II-13	3,978	3,304	99	10,688	2,565	2,873	14	CG50	2 1/2"	7.2"	2	\$43,580	\$43,454	\$7,422	
G-TC-II-14	4,293	3,567	107	11,538	2,769	3,102	16	CG50	2 1/2"	6.9"	2	\$45,830	\$45,785	\$7,847	
G-TC-II-15	4,608	3,831	114	12,392	2,974	3,331	16								
G-TC-II-16	4,923	4,095	122	13,246	3,179	3,561	16								
G-TC-II-17	5,238	4,358	130	14,100	3,384	3,790	18								
G-TC-II-18	5,553	4,622	138	14,954	3,589	4,019	18								

OPTIONAL BECKETT GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls				
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A V.L	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
G-TC-II-04	CG15	STD	\$1,223	STD	\$130	\$306	\$2,105	N/A	N/A	STD	\$818	N/A
G-TC-II-05-08	CG25	STD	\$1,223	STD	\$51	\$306	\$2,105	N/A	N/A	STD	\$818	N/A
G-TC-II-09-14	CG50	STD	\$1,223	N/A	STD	\$417	\$2,105	N/A	N/A	STD	\$818	N/A

OPTIONAL BECKETT GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Standard (UL) Operating Modes		FM Operating Modes		GE GAP	Pre-Wired Gas Train Whip
		Lo-Hi-Lo w/ Controller	Mod w/ Controller	Lo-Hi-Lo w/ Controller	Mod w/ Controller		
G-TC-II-04	CG15	\$119	\$1,099	\$119	\$1,099	STD	\$89
G-TC-II-05-08	CG25	\$119	\$1,159	\$119	\$1,933	STD	\$89
G-TC-II-09-14	CG50	\$119	\$1,159	\$119	\$1,205	STD	\$89

N/A= Not Available

CCT Includes Remote Burner Panel

Series TC II™

TCII-POWERFLAME "J" GAS-FIRED TRADE PRICES

Boiler Model WU or SU	Gas Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	Powerflame "J "					Trade Price (Water)	Trade Price (Steam)	Packaged Adder
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.				
G-TC-II-04	1,143	931	28	2,908	698	810	10	J50A-15	1-1/4"	5.0"	1/3	\$17,327	\$17,319	\$5,959	
G-TC-II-05	1,458	1,194	36	3,733	896	1,038	10	J50A-15	1-1/4"	5.7"	1/2	\$19,690	\$19,637	\$6,248	
G-TC-II-06	1,773	1,458	44	4,625	1,110	1,268	10	J50A-15	1-1/2"	6.6"	1/2	\$22,019	\$21,990	\$6,535	
G-TC-II-07	2,088	1,722	51	5,542	1,330	1,497	12	J50A-15	1-1/2"	9.2"	1/2	\$24,479	\$24,410	\$6,724	

OPTIONAL POWERFLAME "J" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls				
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A F.R.	RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
G-TC-II-04-05	J50A-15	STD.	\$645	STD	\$136	\$386	\$1,016	STD	\$129	\$166	\$971	\$1,351
G-TC-II-06-07	J50A-15	STD.	\$645	STD	\$136	\$386	\$1,016	STD	\$129	\$166	\$971	\$1,351

OPTIONAL POWERFLAME "J" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Standard (UL) Operating Modes		FM Operating Modes		GE GAP	
		Lo-Hi-Lo w/ Controller	Mod w/ Controller	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	Pre Wired Gas Train
G-TC-II-04-05	J50A-15	\$119	\$1,068	\$119	\$1,068	\$145	\$883
G-TC-II-06-07	J50A-15	\$119	\$1,534	\$119	\$1,534	\$143	\$883

N/A= Not Available

Series TC II™

TCII-POWERFLAME "C" GAS-FIRED TRADE PRICES

Boiler Model WU or SU	Gas Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings			Vent Diameter Inches	POWERFLAME "C"					Trade Price (Water)	Trade Price (Steam)	Packaged Adder
				Steam Sq.ft.	Steam MBH	Water MBH		Burner Model	Gas Train NPT"	Gas Press.	Motor H.P.				
G-TC-II-04	1,143	931	28	2,908	698	810	10	C1-G-12	1-1/4"	5.0"	1/3	\$18,679	\$18,671	\$5,959	
G-TC-II-05	1,458	1,194	36	3,733	896	1,038	10	C1-G-12	1-1/4"	6.6"	1/2	\$21,042	\$20,989	\$6,248	
G-TC-II-06	1,773	1,458	44	4,625	1,110	1,268	10	C2-G-15	1-1/2"	6.5"	1/2	\$23,832	\$23,803	\$6,535	
G-TC-II-07	2,088	1,722	51	5,542	1,330	1,497	12	C2-G-15	1-1/2"	8.7"	1/2	\$26,231	\$26,162	\$6,724	
G-TC-II-08	2,403	1,985	59	6,421	1,541	1,726	12	C2-G-20A	2" /1-1/2"	6.3"	3/4	\$28,957	\$28,944	\$6,978	
G-TC-II-09	2,718	2,249	67	7,275	1,745	1,956	14	C2-G-20B	2" /1-1/2"	5.6"	1	\$31,667	\$31,654	\$7,248	
G-TC-II-10	3,033	2,513	75	8,129	1,951	2,185	14	C2-G-20B	2" /1-1/2"	7.4"	1	\$35,024	\$35,068	\$7,535	
G-TC-II-11	3,348	2,776	83	8,979	2,155	2,414	14	C3-G-20	2"	6.8"	1-1/2	\$38,385	\$38,259	\$7,789	
G-TC-II-12	3,663	3,040	91	9,833	2,360	2,643	14	C3-G-25	2"	7.7"	1-1/2	\$40,597	\$40,471	\$8,171	
G-TC-II-13	3,978	3,304	99	10,688	2,565	2,873	14	C3-G-25	2-1/2" /2"	7.2"	1-1/2	\$44,855	\$44,729	\$8,507	
G-TC-II-14	4,293	3,567	107	11,538	2,769	3,102	16	C3-G-25	2-1/2" /2"	8.3"	1-1/2	\$47,105	\$47,060	\$8,932	
G-TC-II-15	4,608	3,831	114	12,392	2,974	3,331	16	C3-G-25B	2-1/2" /2"	7.8"	3	\$49,369	\$49,437	\$9,124	
G-TC-II-16	4,923	4,095	122	13,246	3,179	3,561	16	C3-G-25B	2-1/2" /2"	8.8"	3	\$51,829	\$51,897	\$9,316	
G-TC-II-17	5,238	4,358	130	14,100	3,384	3,790	18	C4-G-25	2-1/2"	6.8"	3	\$55,726	\$55,824	\$9,534	
G-TC-II-18	5,553	4,622	138	14,954	3,589	4,019	18	C4-G-25	2-1/2"	7.4"	3	\$58,054	\$58,152	\$9,821	

OPTIONAL POWERFLAME "C" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls			
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897A U.V.	RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
G-TC-II-04-05	C1-G-12	STD	\$645	STD	\$53	\$151	\$630	STD	N/C	\$850	\$1,230
G-TC-II-06-07	C2-G-15	STD	\$645	STD	\$53	\$151	\$630	STD	N/C	\$850	\$1,230
G-TC-II-08	C2-G-20A	STD	\$645	STD	\$15	\$93	\$630	STD	N/C	\$850	\$1,230
G-TC-II-09	C2-G-20B	STD	\$645	\$60	STD	\$238	\$630	STD	N/C	\$850	\$1,230
G-TC-II-10	C2-G-20B	STD	\$645	\$60	STD	\$238	\$630	STD	N/C	\$850	\$1,230
G-TC-II-11-12	C3-G-20	STD	\$645	\$60	STD	\$238	\$630	N/A	STD	\$850	\$1,230
G-TC-II-13-14	C3-G-25B	STD	\$645	\$60	N/C	STD	\$630	N/A	STD	STD	\$381
G-TC-II-15-16	C4-G-25	STD	\$645	N/A	N/A	STD	\$630	N/A	N/A	STD	\$381
G-TC-II-17-18	C4-G-25	STD	\$645	N/A	N/A	STD	\$630	N/A	N/A	STD	\$381

OPTIONAL POWERFLAME "C" GAS BURNER EQUIPMENT TRADE PRICES - Add to Trade Price

Boiler Size	Burner Model	Standard (UL) Operating Modes		FM Operating Modes		GE GAP	
		Lo-Hi-Lo w/ Controller	Mod w/ Controller	Lo-Hi-Lo w/ Controller	Mod w/ Controller	CSD	Pre Wired Gas Train
G-TC-II-04-05	C1-G-12	\$119	\$1,256	\$119	\$1,256	\$145	\$883
G-TC-II-06-07	C2-G-15	\$119	\$835	\$119	\$1,256	\$145	\$883
G-TC-II-08	C2-G-20A	\$119	\$835	\$119	\$1,504	\$143	\$883
G-TC-II-09	C2-G-20B	\$119	\$835	\$119	\$1,636	\$143	\$942
G-TC-II-10	C2-G-20B	\$119	\$835	\$499	\$2,389	\$143	\$928
G-TC-II-11-12	C3-G-20	N/A	\$420	N/A	\$1,107	\$143	\$928
G-TC-II-13-14	C3-G-25B	N/A	\$420	N/A	\$782	\$143	\$1,174
G-TC-II-15-16	C4-G-25	N/A	\$420	N/A	\$782	\$148	\$1,174
G-TC-II-17-18	C4-G-25	N/A	\$420	N/A	\$800	\$156	\$1,201

N/A= Not Available

Series TC II™

TCII-POWERFLAME "C" GAS / OIL-FIRED TRADE PRICES															
Boiler Model WU or SU	Oil Input GPH	Gas Input MBH	Gross Output MBH	Boiler H.P.	Net Ratings				Vent Diameter Inches	POWERFLAME "C"					
					Steam Sq.ft.	Steam MBH	Water MBH	Burner Model		Gas Train NPT"	Gas Press.	Motor H.P.	Trade Price (Water)	Trade Price (Steam)	Packaged Adder
GO-TC-II-II-04	7.9	1,143	931	28	2,908	698	810	10	C1-GO-12	1-1/4"	5.0"	1	\$20,612	\$20,604	\$5,959
GO-TC-II-05	10.2	1,458	1,194	36	3,733	896	1,038	10	C1-GO-12	1-1/4"	6.6"	1	\$22,975	\$22,922	\$6,248
GO-TC-II-06	12.2	1,773	1,458	44	4,625	1,110	1,268	10	C2-GO-15	1-1/2"	6.5"	1	\$25,530	\$25,501	\$6,535
GO-TC-II-07	14.4	2,088	1,722	51	5,542	1,330	1,497	12	C2-GO-15	1-1/2"	8.7"	1	\$27,929	\$27,860	\$6,724
GO-TC-II-08	16.6	2,403	1,985	59	6,421	1,541	1,726	12	C2-GO-20A	2" /1-1/2"	6.3"	1	\$30,691	\$30,678	\$6,978
GO-TC-II-09	18.8	2,718	2,249	67	7,275	1,745	1,956	14	C2-GO-20B	2" /1-1/2"	5.6"	1-1/2	\$33,345	\$33,332	\$7,248
GO-TC-II-10	21.0	3,033	2,513	75	8,129	1,951	2,185	14	C2-GO-20B	2" /1-1/2"	7.4"	1-1/2	\$37,704	\$37,748	\$7,535
GO-TC-II-11	23.0	3,348	2,776	83	8,979	2,155	2,414	14	C3-GO-20	2"	6.8"	2	\$40,874	\$40,748	\$7,789
GO-TC-II-12	25.5	3,663	3,040	91	9,833	2,360	2,643	14	C3-GO-25	2"	7.7"	2	\$44,058	\$43,932	\$8,171
GO-TC-II-13	27.5	3,978	3,304	99	10,688	2,565	2,873	14	C3-GO-25	2-1/2" /2"	7.2"	2	\$47,063	\$46,937	\$8,507
GO-TC-II-14	29.5	4,293	3,567	107	11,538	2,769	3,102	16	C3-GO-25	2-1/2" /2"	8.3"	2	\$49,313	\$49,268	\$8,932
GO-TC-II-15	32.0	4,608	3,831	114	12,392	2,974	3,331	16	C3-GO-25	2-1/2" /2"	7.8"	3	\$52,618	\$52,686	\$9,124
GO-TC-II-16	34.0	4,923	4,095	122	13,246	3,179	3,561	16	C3-GO-25B	2-1/2" /2"	8.8"	3	\$54,960	\$55,028	\$9,316
GO-TC-II-17	36.5	5,238	4,358	130	14,100	3,384	3,790	18	C3-GO-25B	2-1/2"	6.8"	3	\$59,232	\$59,330	\$9,534
GO-TC-II-18	38.5	5,553	4,622	138	14,954	3,589	4,019	18	C4-GO-25	2-1/2"	7.4"	3	\$61,560	\$61,658	\$9,821

OPTIONAL POWERFLAME "C" GAS / OIL- BURNER EQUIPMENT TRADE PRICES - Add to Trade Price										
Boiler Size	Burner Model	Panel		Burner Motor Voltages			Control Circuit Trans.	Combustion Controls		
		Burner Mtd.	Remote Mtd.	120-60-1	240-60-1	3 Phase		RM7897C U.V.	RM7840L U.V.	RM7800L U.V.
GO-TC-II-04-05	C1-GO-12	STD	\$645	STD	\$136	\$386	\$630	STD	\$850	\$1,230
GO-TC-II-06-07	C2-GO-15	STD	\$645	\$60	STD	\$190	\$630	STD	\$850	\$1,230
GO-TC-II-08	C2-GO-20A	STD	\$645	\$60	STD	\$238	\$630	STD	\$850	\$1,230
GO-TC-II-09	C2-GO-20B	STD	\$645	\$60	STD	\$187	\$630	STD	\$850	\$1,230
GO-TC-II-10	C2-GO-20B	STD	\$645	\$148	\$84	STD	\$630	STD	\$850	\$1,230
GO-TC-II-11	C3-GO-20	STD	\$645	\$148	\$84	STD	\$630	STD	\$850	\$1,230
GO-TC-II-1214	C3-GO-25B	STD	\$645	N/A	N/A	STD	\$630	N/A	STD	\$381
GO-TC-II-15-16	C4-GO-25	STD	\$645	N/A	N/A	STD	\$630	N/A	STD	\$381
GO-TC-II-17-18	C4-GO-25	STD	\$645	\$148	N/A	STD	\$630	N/A	STD	\$381

OPTIONAL POWERFLAME "C" GAS / OIL BURNER EQUIPMENT TRADE PRICES - Add to Trade Price										
Boiler Size	Burner Model	Standard (UL) Operating Modes		FM Operating Modes		GE GAP	REMOTE PUMP SET		Pre-piped & Wired Gas Train	Direct Spark Ignition of Oil
		Lo-Hi-Lo w/ Controller	Mod w/ Controller	Lo-Hi-Lo w/ Controller	Mod w/ Controller		CSD	120-60-1		
GO-TC-II-04-05	C1-GO-12	\$119	\$1,290	\$119	\$1,290	\$145	\$1,978	\$2,310	\$883	\$319
GO-TC-II-06-07	C2-GO-15	\$119	\$1,568	\$119	\$1,568	\$143	\$1,898	\$2,269	\$883	\$319
GO-TC-II-08	C2-GO-20A	\$119	\$1,641	\$119	\$1,641	\$143	\$1,971	\$2,260	\$942	\$319
GO-TC-II-09	C2-GO-20B	\$119	\$1,973	\$190	\$1,906	\$143	\$1,774	\$2,157	\$928	\$319
GO-TC-II-10	C2-GO-20B	N/A	\$420	N/A	\$703	\$143	\$1,774	\$2,157	\$928	\$319
GO-TC-II-11	C3-GO-20	N/A	\$420	N/A	\$906	\$143	\$1,998	\$2,215	\$988	\$319
GO-TC-II-1214	C3-GO-25B	N/A	\$420	N/A	\$629	\$148	\$1,998	\$2,215	\$1,174	\$319
GO-TC-II-15-16	C4-GO-25	N/A	\$420	N/A	\$642	\$148	\$2,135	\$2,264	\$1,174	\$319
GO-TC-II-17-18	C4-GO-25	N/A	\$420	N/A	\$583	\$156	\$1,832	\$1,964	\$1,201	\$319

N/A= Not Available

Series TC II™

ALTERNATE GAS PRESSURES-POWER FLAME BURNERS

For standard UL burners and firing modes only (not CSD-1, I.R.I. or F.M. over 2,500 MBH)

Add to boiler burner trade price. Specify available gas pressure if other than standard.

Boiler Model	Burner Model Number	Gas Train Size Inch	Std. Gas Pressure In W.C. Inch	Gas Train Size Inch	Add / Deduct	Gas Train Size Inch	Add / Deduct	Gas Train Size Inch	Add / Deduct	Gas Train Size Inch	Add / Deduct	Gas Train Size Inch	Add / Deduct
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TCII POWERFLAME "J" GAS BURNERS

		3.3"WC			4.0"WC			4.5"WC			5.0"WC			6.0 WC		
TC-II-04	J50A-15	1.25"	5.0/14"	2.00/1.50" (1)	\$658	1.50"	\$196	1.50"	\$196	1.25"	STD	1.25"	STD			
TC-II-05	J50A-15	1.25"	5.7/14"	2.00/1.50" (1)	\$658	2.00/1.50" (1)	\$658	1.50"	\$196	1.25"	STD	1.25"	STD			
TC-II-06	J50A-15	1.50"	6.6/14"	2.00/2.50" (1)	\$1,188	2.00"	\$834	2.00"	\$834	2.00"	\$834	2.00/1.50"	\$558			
TC-II-07	J50A-15	1.50"	9.2/14"	N/A	N/A	2.50"	\$1,780	2.50"	\$1,780	2.00"	\$834	2.00/1.50" (1)	\$558			
		7.0" WC			9.0" WC			14.0" WC			28.0" WC			2 - 5 PSI		
TC-II-04	J50A-15	1.25"	5.0/14"	1.25"	STD	1.25"	STD	1.25"	STD	1"	\$105	1.00"	\$105			
TC-II-05	J50A-15	1.25"	5.7/14"	1.25"	STD	1.25"	STD	1.25"	STD	1"	\$105	1.00"	\$105			
TC-II-06	J50A-15	1.50"	6.6/14"	1.50"	STD	1.50"	STD	1.25"	-\$125	1.25"	\$156	1.25"	\$130			
TC-II-07	J50A-15	1.50"	9.2/14"	2.00/1.50" (1)	\$558	1.50"	STD	1.25"	-\$125	1.25"	\$156	1.25"	\$130			

TCII POWERFLAME "C" GAS BURNERS

		3.3"WC			4.0"WC			4.5"WC			5.0"WC			6.0 WC		
TC-II-04	C1-G(O)-12	1.25"	5.0/14"	2.00/1.50" (1)	\$658	2.00/1.50" (1)	\$653	1.50"	\$196	1.25"	STD	1.25/1.00" (1)	-\$35			
TC-II-05	C1-G(O)-12	1.25"	6.6/14"	2.00"	\$933	2.00"	\$933	2.00"	\$933	1.50/1.25" (1)	\$128	1.50/1.25" (1)	\$128			
TC-II-06	C2-G(O)-15	1.50"	6.5/14"	2.00" (2)	\$921	2.00/1.50" (1)(2)	\$645	2.00/1.50" (1)(2)	\$645	2.00/1.50" (1)(2)	\$645	1.50" (2)	\$89			
TC-II-07	C2-G(O)-15	1.50"	8.7/14"	2.50" (2)	\$1,867	2.00/2.50" (1)(2)	\$1,227	2.00" (2)	\$921	2.00/1.50" (1)(2)	\$645	2.00/1.50" (2)	\$645			
TC-II-08	C2-G(O)-20A	2.00/1.50" (1)	6.3/14"	(1) 3.00" (2)	\$2,553	2.50/2.00" (1)(2)	\$1,028	2.00" (2)	\$365	2.00" (2)	\$314	2.00/1.50" (2)	\$89			
TC-II-09	C2-G(O)-20B	2.00/1.50" (1)	5.6/14"	(1) 2.00/2.50" (1)	\$581	2.50" (1)	\$1,244	2.50/2.00" (1)	\$938	2.00/1.50" (1)	STD	2.00/1.50" (1)	STD			
TC-II-10	C2-G(O)-20B	2.00/1.50" (1)	7.4/14"	(1) 2.50"	\$1,244	2.50/2.00"	\$938	2.00"	\$275	2.00"	\$275	2.00/1.50" (1)	STD			
TC-II-11	C3-G(O)-20	2.00"	6.8/14"	3.00" (2)	\$2,303	2.50" (2)	\$1,081	2.00/2.50" (1)(2)	\$421	2.50" (2)	\$1,081	2.50" (2)	\$778			
TC-II-12	C3-G(O)-25	2.00"	7.7/14"	4.00/3.00" (1)(2)(3)	\$12,645	2.50" (1)(2)	\$1,081	2.50" (2)	\$1,081	2.00" (2)	\$115	2.00" (2)	\$115			
TC-II-13	C3-G(O)-25	2.50/2.00" (1)	7.2/14"	(1) N/A (1)	N/A	3.00" (2)	\$1,640	3.00" (2)	\$1,640	2.50" (2)	\$421	2.00/2.50" (1)(2)	\$115			
TC-II-14	C3-G(O)-25	2.50/2.00" (1)	8.3/14"	(1) N/A (1)	N/A	4.00" (2)(3)	\$14,632	4.00/3.00" (1)(2)(3)	\$12,192	3.00" (2)	\$1,640	3.00" (2)	\$1,640			
TC-II-15	C3-G(O)-25B	2.50/2.00" (1)	7.8/14"	(1) 4.00" (2)(3)	\$14,652	4.00/3.00" (1)(2)(3)	\$12,209	3.00" (2)	\$1,660	2.50" (2)	\$439	2.50" (2)	\$439			
TC-II-16	C3-G(O)-25B	2.50/2.00" (1)	8.8/14"	(1) 4.00" (2)(3)	\$14,652	4.00/3.00" (1)(2)(3)	\$12,209	3.00" (2)	\$1,660	2.50" (2)	\$439	2.50" (2)	\$439			
TC-II-17	C4-G(O)-25	2.50"	6.8/14"	4.00" (2)(3)	\$13,834	4.00/3.00" (1)(2)(3)	\$12,485	4.00/3.00" (1)(3)	\$12,485	3.00" (1)	\$1,221	2.50" (3)	STD			
TC-II-18	C4-G(O)-25	2.50"	7.4/14"	4.00" (2)(3)	\$13,834	4.00" (2)(3)	\$13,834	4.00/3.00" (1)(3)	\$12,477	3.00" (1)	\$1,221	3.00" (3)	\$1,221			
		7.0" WC			9.0" WC			14.0" WC			28.0" WC			2 - 5 PSI		
TC-II-04	C1-G(O)-12	1.25"	5.0/14"	1.25/1.00"	-\$35	1.00"	-\$89	2.00/1.50"	-\$95	1.00"	-\$95	1.00"	\$413			
TC-II-05	C1-G(O)-12	1.25"	6.6/14"	1.25"	STD	1.00"	STD	2.00"	-\$95	1.00"	-\$95	1.00"	\$413			
TC-II-06	C2-G(O)-15	1.50"	6.5/14"	1.50"	STD	1.25"	-\$125	2.00"	-\$49	1.25"	-\$49	1.25"	\$349			
TC-II-07	C2-G(O)-15	1.50"	8.7/14"	2.00/1.50"	\$219	1.25"	STD	2.50"	-\$49	1.25"	-\$49	1.25"	\$349			
TC-II-08	C2-G(O)-20A	2.00/1.50" (1)	6.3/14"	2.00/1.50"	STD	1.50"	STD	3.00"	-\$210	1.50" (1)	-\$210	1.25" (1)	-\$38			
TC-II-09	C2-G(O)-20B	2.00/1.50" (1)	5.6/14"	2.00/1.50"	STD	1.50"	STD	2.00/2.50"	-\$210	1.50" (1)	-\$210	1.50" (1)	\$796			
TC-II-10	C2-G(O)-20B	2.00/1.50" (1)	7.4/14"	2.00/1.50"	STD	2.00/1.50" (1)	STD	2.50" (1)	STD	1.50" (1)	STD	1.50" (1)	\$796			
TC-II-11	C3-G(O)-20	2.00"	6.8/14"	2.00"	STD	2.00/1.50" (1)	-\$108	3.00" (1)	-\$108	1.50"	-\$108	1.50"	\$592			
TC-II-12	C3-G(O)-25	2.00"	7.7/14"	2.00"	STD	2.00/1.50" (1)	STD	4.00/3.00" (1)	-\$108	1.50"	-\$108	1.50"	\$592			
TC-II-13	C3-G(O)-25	2.50/2.00" (1)	7.2/14"	2.00/2.50" (1)(2)	\$115	2.00"	-\$263	N/A	-\$263	2.00" (1)	-\$263	1.50" (1)	-\$239			
TC-II-14	C3-G(O)-25	2.50/2.00" (1)	8.3/14"	2.50/2.00" (1)(2)	\$115	2.00"	STD	N/A	-\$263	2.00" (1)	-\$263	1.50" (1)	-\$239			
TC-II-15	C3-G(O)-25B	2.50/2.00" (1)	7.8/14"	2.50" (2)	\$439	2.00"	STD	4.00"	-\$263	2.00" (1)	-\$263	1.50" (1)	-\$239			
TC-II-16	C3-G(O)-25B	2.50/2.00" (1)	8.8/14"	2.50" (2)	\$439	2.00"	STD	4.00"	-\$263	2.00" (1)	-\$263	1.50" (1)	-\$239			
TC-II-17	C4-G(O)-25	2.50"	6.8/14"	2.50"	STD	2.00"	STD	4.00"	-\$384	2.00" (3)	-\$384	1.50"	-\$475			
TC-II-18	C4-G(O)-25	2.50"	7.4/14"	2.50"	STD	2.00"	STD	4.00"	-\$384	2.00" (3)	-\$384	1.50"	-\$475			

FOOTNOT DUAL SIZE GAS TRAINS: THE LEAKAGE TEST COCK, MAIN GAS VALVE, AND AUXILIARY GAS VALVE ARE INDICATED BY THE FIRST NUMBER, REGULATOR AND MAIN SHUTOFF COCK ARE INDICATED BY THE SECOND NUMBER.
(1) PRICE INCLUDES LOW PRESSURE DROP PREMIX BLAST TUBE
(2) BURNER MINIMUM MODE OF OPERATION IS MODULATION
(3)

NOTES: ALL UNITS INCLUDE 325-3 HIGH PRESSURE PILOT REGULATOR.

Series TC II™

CRATE DIMENSIONS

Boiler Model	Length Less Burner	Length With Burner	Width	Height
TC / TCII-04	67"	92"	39-1/2"	72"
TC / TCII-05	75"	105"	39-1/2"	72"
TC / TCII-06	83"	113"	39-1/2"	72"
TC / TCII-07	91"	121"	39-1/2"	72"
TC / TCII-08	99"	129"	39-1/2"	72"
TC / TCII-09	107"	137"	39-1/2"	72"
TC / TCII-10	115"	145"	39-1/2"	72"
TC / TCII-11	123"	158"	39-1/2"	72"
TC / TCII-12	131"	166"	39-1/2"	72"
TC / TCII-13	139"	174"	39-1/2"	72"
TC / TCII-14	147"	182"	39-1/2"	72"
TC / TCII-15	155"	190"	39-1/2"	74"
TC / TCII-16	163"	198"	39-1/2"	74"
TC / TCII-17	171"	211"	39-1/2"	74"
TC / TCII-18	180"	220"	39-1/2"	74"





BOILERS/BURNERS

NOTES FOR SC/SCT™, CC™, LC/LCE™ & TCII™ Boiler/Burner Units

1. Power Flame Burners:

Power Flame Burners on TCII-10 and TCII-11 Boilers are equipped with U.V. Scanner.

2. CSD Prices:

CSD prices shown are for "Burner" Equipment. For boiler additional trim, see below:

- a. Water Boilers – Add 550P M.Reset Probe type LWCO (Some areas require M.Reset Float type in which case the test-n-check valves must also be added).
- b. Steam Boilers – Add LWCO or Pump Control/LWCO or Feeder/LWCO then add a manual reset auxiliary LWCO.

*Does not include Flame Safeguard Upgrade or Adder on Operating Mode.

3. Ratings:

- a. Input is based on #2 fuel oil with a heating value of 140,000 BTU/gal. and natural gas with a heating value of 1000 BTU per cu. ft., 0.60 specific gravity at a maximum altitude of 2000 ft. Consult factory for higher altitudes.
- b. Gross Output is the useable heat output of the boiler determined in accordance with Hydronics Institute test procedures.
- c. Net Ratings are based on gross output less an allowance for normal piping and pickup as determined by the Testing and Rating Code for Low Pressure Cast Iron Heating Boilers of the Hydronics Institute, division of GAMA. Water ratings are based on a piping and pickup allowance of 1.15. Steam ratings are based on piping and pickup allowances as follows: SC/SCT=1.333, CCII-03 12 section = 1.333, LC-04-08=1.333, LC-09=1.324, LC-10=1.309, LC-11=1.298, LC-12=1.290, LCE-13-24=1.288. Consult PB Heat, LLC before selecting a boiler for gravity hot water installations and installations having unusual piping and pickup requirements such as long piping runs, exposed piping, night set-back, etc.

4. Venting:

- a. SC/SCT, CC and LC/LCE boilers are forced draft fired units. Minimum vent termination height is 3 ft. above the roof. Consult factory for any unusual venting conditions.

5. Control Panels: (See optional burner equipment for availability and price)

- a. Beckett includes a control switch, control circuit fuse, power-on light and terminal strip. CG10 and C500, C800 are excluded
- b. Carlin Panel includes a control switch, control circuit breaker, power-on, fuel light w/ terminal trip and low fire switch (701 & larger)
- c. Power Flame includes a control switch, "Power On", Load "Demand", "Main Fuel", "FSG Alarm" and one customer selectable, terminal strip.
- d. Webster includes a control switch, control circuit fuse, power-on, fuel-on, call for heat and flame failure lights and terminal strip.

Note: Consult factory for pricing if an alarm bell is required in addition to indicator lights. In some cases, isolating relays may be required with additional indicator lights.

6. Burner Motor Voltages:

- a. If burner motor voltage is other than 120/60/1, a separate power supply or control circuit transformer is required for the control circuit.
- b. For 3 phase, specify 208/60/3, 240/60/3 or 480/60/3.

7. Combustion Controls:

- a. Equivalent Fireye controls are generally available. Consult factory for pricing.

NOTES: For SC/SCT™, CC™, LC/LCE™ & TCII™ Boiler/Burner Units

8. Operating Modes:

- a. Controllers furnished with optional firing modes are as follows:
 Lo-Hi-Lo – L4006A for water, PA404A for steam
 Modulation – T991A for water, L91B for steam
 Riello Modulation uses a RWF40 Control, Beckett has an option consult factory for pricing
- b. A manual potentiometer with manual-auto selector switch is standard on Webster modulation burners.
- c. All modulation burners are furnished with proven low fire start.

9. Insurance Approvals for F.M., Former I.R.I. and CSD-1: (I.R.I. is now governed by GE GAP and is subject to their interpretation which is now CSD-1 Compliance.)

- a. Effective at the following inputs:
 F.M. – 400 MBH gas, 3 GPH oil
 Former I.R.I. – 400 MBH gas, 3 GPH oil (GE GAP) See CSD-1
 CSD-1 – 400 MBH gas, 3 GPH oil
- b. All pricing is subject to equipment and control system approval by the local inspector.
- c. The following boiler controls are required in addition to the burner equipment:

Boiler Type	F.M. and CSD-1	
	Controls	Low Water Cut-Off
Water	Hi-Limit w/Manual Reset	LWCO w/Manual Reset
Steam	Hi-Pressuretrol w/Manual Reset	Two LWCOs - One must be a Manual Reset

See page 107 for required Low Water Cut-Off to be used.

10. Automatic Fuel Changeover:

- a. T675A outdoor air temperature controller is standard. If changeover is controlled by low gas pressure rather than outdoor air temperature, consult factory for pricing.

For Additional Information:

See pages 107-110 for Optional Controls and Components.
 See page 110 for Tankless Water Heater Ratings.
 See Product Catalog Literature for Complete Product Specifications.



PARTNER® INDIRECT-FIRED WATER HEATER

- Minimal Standby Temperature Loss
- Rapid Recovery Rate • Long Lasting Stainless Steel Construction
- Easy Installation • No Separate Chimney or Burner Needed



Standard Equipment:

- Stainless Steel Inner Tank
- Maintenance-Free Plastic Jacket
- 2" Polyurethane Foam Insulation
- Enclosed Thermostat Well
- Adjustable Temperature Control
- T&P Relief Valve

Ordering Information:

Example:

PT - 40
 |
 Gallons
 |
 Series

PEERLESS® PARTNER® INDIRECT-FIRED WATER HEATER RATINGS

Water Heater Model Number	180°F Boiler Supply Temp						200°F Boiler Supply Temp					
	140°F Hot Water			115°F Hot Water			140°F Hot Water			115°F Hot Water		
	Boiler Heating Capacity (MBH)	1st Hour Flow (gallon/hr)	Continuous Flow (gallon/hr)	Boiler Heating Capacity (MBH)	1st Hour Flow (gallon/hr)	Continuous Flow (gallon/hr)	Boiler Heating Capacity (MBH)	1st Hour Flow (gallon/hr)	Continuous Flow (gallon/hr)	Boiler Heating Capacity (MBH)	1st Hour Flow (gallon/hr)	Continuous Flow (gallon/hr)
PT-30	67	111	89	82	174	152	87	138	116	102	210	188
PT-40	86	143	114	106	224	195	112	178	149	131	271	242
PT-50	107	180	143	132	281	244	140	224	187	164	339	302
PT-60	206	320	275	255	516	471	270	405	360	316	628	583
PT-80	229	362	306	284	579	523	300	456	400	351	704	648
PT-120	321	523	428	397	828	733	420	655	560	492	1,003	907
	Conditions: 50°F Domestic Cold Water Inlet Temperature 140°F Domestic Hot Water Outlet Temperature 180°F Boiler Water Supply Temperature			Conditions: 50°F Domestic Cold Water Inlet Temperature 115°F Domestic Hot Water Outlet Temperature 180°F Boiler Water Supply Temperature			Conditions: 50°F Domestic Cold Water Inlet Temperature 140°F Domestic Hot Water Outlet Temperature 200°F Boiler Water Supply Temperature			Conditions: 50°F Domestic Cold Water Inlet Temperature 115°F Domestic Hot Water Outlet Temperature 200°F Boiler Water Supply Temperature		

SINGLE-WALL ORDERING INFORMATION & TRADE PRICES

Code No.	Model No.	Approx. Shipping Weight (lbs)	Trade Price
51152	PT-30	115	\$1,705
51153	PT-40	135	\$1,786
51154	PT-50	165	\$2,141
51155	PT-60	190	\$2,477
51156	PT-80	271	\$2,957
51157	PT-120	479	\$4,246

NOTE: Maximum working pressure for inner (domestic water) tank is 150 psig. Maximum working pressure for outer (boiler water) tank is 45 psig.

For Additional Partner® Product Information:

See Product Catalog Literature for Complete Product Specifications.

APPLICATION FOR DOUBLE-WALL

Code No.	Description	Model No.	Trade Price
51158	Kit Heat Exchanger*	PT-30/40	\$426
51159	Kit Heat Exchanger*	PT-50/60	\$787
51160	Kit Heat Exchanger*	PT-80/120	\$1,125

*Kits include plate heat exchanger, relief valve and installation instructions. (Kit does not include circulator or expansion tank).

CARTON DIMENSIONS

Model No.	Length	Width	Height
PT-30	23"	23"	42"
PT-40	23"	23"	50"
PT-50	23"	23"	61"
PT-60	23"	23"	70"
PT-80	27-1/2"	27-1/2"	68"
PT-120	33-1/2"	33-1/2"	86-1/2"



tekmar[®] Staging Controls

Code No.	Description	Trade Price
53446	<p>1-Stage Boiler</p> <p>The Boiler Control 256 is a microprocessor-based control designed to regulate the supply water temperature from a single boiler based on the outdoor temperature. To avoid boiler short cycling and large temperature swings, the 256 is able to continuously adjust the boiler differential. The 256 includes control functions such as Warm Weather Shut Down (WWSD) and Minimum Boiler setting. The control has a liquid crystal display (LCD) that normally displays the Boiler Supply temperature, but can display other temperatures and settings.</p>	\$419
53445	<p>1-Stage Boiler & DHW Control</p> <p>The Boiler Control 260 is a microprocessor-based control designed to regulate the supply water temperature from a single boiler based on either outdoor air temperature or a DHW demand. The 260 can control either a DHW pump or valve and provide DHW Priority. A tekmar indoor sensor can be connected to the 260 in order to provide indoor temperature feedback from the heating system.</p>	\$661
53444	<p>2-Stage Boiler & Setpoint</p> <p>The Boiler Control 261 is a microprocessor-based two stage boiler control designed to regulate the supply water temperature based on either outdoor air temperature or a setpoint demand. The 261 can stage and rotate two single fire boilers or it can stage a single Lo / Hi fire boiler. The 261 also operates the system pump.</p>	\$697
53447	<p>2-Stage, Modulating Flex-Heat Boiler & DHW Control</p> <p>The Boiler Control 263 is designed to stage multiple boilers or operate a modulating boiler using Outdoor Temperature Reset. It can be used in applications ranging from a single zone of baseboard, multiple baseboard and fan coil zones, to dedicated Domestic Hot Water heating in commercial buildings. This control regulates a single heating water temperature through Outdoor Temperature Reset, setpoint, and DHW target control. It is capable of controlling (stage and rotate) up to 2 on/off boilers, a single 2 stage boiler, or 1 modulating boiler as well as the system pump.</p>	\$1,242
53448	<p>4-Stage Flex-Heat Boiler Control</p> <p>tekmar[®] 274 microprocessor based control is for system pump operation and outdoor reset or setpoint operation of up to 4 on-off or 2 lo-hi-lo boilers. Features include Warm Weather Shut Down (WWSD) of the system pump and boilers, a test button for testing all sensors and control outputs, selector switches for boiler stages auto/off and boiler rotation (7 combinations of rotate/no rotate, fixed lead/no fixed lead, and lo-hi-lo/on-off), and adjustments for the Heating Curve, Minimum Boiler Supply temperature, Boiler Differential, Setpoint, and Occupied or Unoccupied WWSD point. Includes one 070 outdoor air sensor with enclosure and one 071 system water temperature sensor with 080 enclosure.</p>	\$2,006
50197	<p>8-Stage Flex-Heat Control</p> <p>tekmar[®] 268 microprocessor-based control with LCD display and setback timer is for system pump operation and outdoor reset or setpoint operation of up to 8 on-off boilers or 4 lo-hi-lo boilers. Features include Warm Weather Shut Down (WWSD) of the system pump and boilers, a test button for testing all sensors and control outputs, and LCD display showing the sensor temperatures, boiler running times, time of day and programmed Occupied and Unoccupied times and temperatures, selector switches for boiler stages auto/off and boiler rotation (11 combinations of rotate/no rotate, fixed lead/no lead, fixed last/no last and lo-hi-lo/on-off), and adjustments for the heating Curve, Minimum Boiler Supply temperature and Boiler Differential. Includes one 070 outdoor air sensor with enclosure and one 071 system water temperature sensor with 080 enclosure.</p>	\$3,407
50788	Transformer	\$39



Optional Controls and Components

GAS/OIL

LOW WATER CUT-OFFS, FEEDERS AND PUMP CONTROLS TRADE PRICES

Code No.	Description (1) (2) (3) (4)	Type	Max. W.P. PSI	May Be Used With	Trade Price
29039	McDonnell & Miller PS-851-U-120	Probe	160	Steam and Hot Water Boilers	\$259
29038	McDonnell & Miller 750P - MT-U-120, Manual Reset	Probe	160	Steam and Hot Water Boilers	\$319
29001	OEM650P LWCO	Probe	160	Steam and Hot Water Boilers	\$285
29000	OEM550P LWCO, Manual Reset	Probe	160	Steam and Hot Water Boilers	\$368
29050	OEM55LSV LWCO, Manual Reset	Probe	160	TCII Steam and Hot Water Boilers	\$368
Special Order	61 LWCO, 1" Pipe Connections	Float	20	All Steam Boilers	\$466
29004	63 LWCO, 1" Pipe Connections	Float	50	Steam and Hot Water Boilers	\$464
29005	63M LWCO, 1" Pipe Connections, Manual Reset	Float	50	Steam and Hot Water Boilers	\$522
29013	64 LWCO, 1" Pipe Connections	Float	50	Steam and Hot Water Boilers	\$395
29003	67PE2 LWCO, Includes 1/2" Quick Hook-Up Fittings	Float	20	All Steam Boilers	\$357
29027	CG400P LWCO	Probe	15	Steam Series 61/62 Boilers as Primary Probe	\$283
29041	CG450P LWCO	Probe	15	Steam Series 63/64 Boilers as Primary Probe	\$283
29032	CG550P LWCO Manual Reset	Probe	15	Steam Series 63/64 Boilers as Secondary Probe	\$390
29034	Kit Feeder Hydrolevel VXT-120	Feeder	15	Residential Steam Boilers	\$448
29010	47-2 LWCO & Feeder, Includes 1/2" Quick Hook-Up Fittings, 1/2" Feeder Connections	Float	25	Steam Boilers up to 5000 Sq. Ft. *	\$818
29022	47-2M LWCO & Feeder, Includes 1/2" Quick Hook-Up Fittings, 1/2" Feeder Connections, Manual Reset	Float	25	Steam Boilers up to 5000 Sq. Ft. *	\$875
29012	247-2 LWCO & Feeder, 1" Pipe Connections, 1/2" Feeder Connections	Float	30	Steam Boilers up to 5000 Sq. Ft. *	\$767
29023	247-2M LWCO & Feeder, 1" Pipe Connections, 1/2" Feeder Connections, Manual Reset	Float	30	Steam Boilers up to 5000 Sq. Ft. *	\$826
29009	51-2 LWCO & Feeder, 1" Pipe Connections, 3/4" Feeder Connections	Float	35	Steam Boilers up to 12,000 Sq. Ft. *	\$1,006
29024	51-2M LWCO & Feeder, 1" Pipe Connections, 3/4" Feeder Connections, Manual Reset	Float	35	Steam Boilers up to 12,000 Sq. Ft. *	\$1,062
29008	51-S-2 LWCO & Feeder, 1" Pipe Connections, 3/4" Feeder Connections	Float	35	Steam Boilers up to 17,500 Sq. Ft. *	\$1,200
29025	51-S-2M LWCO & Feeder, 1" Pipe Connections, 3/4" Feeder Connections, Manual Reset	Float	35	Steam Boilers up to 17,500 Sq. Ft. *	\$1,277
29007	53-2 LWCO & Feeder, 1" Pipe Connections, 3/4" Feeder Connections	Float	75	Steam Boilers up to 11,600 Sq. Ft. *	\$1,040
29026	53-2M LWCO & Feeder, 1" Pipe Connections, 3/4" Feeder Connections, Manual Reset	Float	75	Steam Boilers up to 11,600 Sq. Ft. *	\$1,303
29040	42A LWCO & Pump Control, Includes Quick Hook-Up Fittings	Float	50	All Steam Boilers	\$696
29019	150 SMD LWCO & Pump Control, 1" Pipe Connections	Float	150	All Steam Boilers Hot Water Boilers over 50 PSI W.P	\$672
29018	157SMD LWCO & Pump Control, 1" Pipe Connections, Integral Water Column	Float	150	All Steam Boilers	\$894
51710	TC-4 Test-N-Check Valves, Set of 2, 1" Pipe Connections, Simplifies Testing of LWCOs on Hot Water Boilers	—	50	Hot Water Boilers with Float Type LWCOs	\$496

(1) All are McDonnell & Miller, except 550P/650P/CG400P/CG450P/CG550P which are Hydrolevel

(2) Do not use a manual reset LWCO as a primary controller on steam boilers

(3) Piping by others (except models with Quick Hook-Up fittings)

(4) All LWCOs have alarm contacts

*Feeder capacity based on 35 PSI water supply pressure

For Additional Information: See Product Catalog Literature for Complete Product Specifications.

Optional Controls and Components

WATER CONTROLS TRADE PRICES

Code No.	Description	Function	May Be Used With	Trade Price
50535	L4006A-1058 Aquastat, 100-240 F Range, 5-30 F Adj. Diff., SPST	Operating Control, High Limit Control or Firing Rate Controller	All Hot Water Boilers	\$119
50536	L4006E-1117 Aquastat, 110-250 F Range, SPST, Manual Reset	High Limit Control, Manual Reset	All Hot Water Boilers	\$168
50673	L4081A-1023 Dual Aquastat, 110-240 F Range, 5 F Fixed Diff., (H), 10-25 F Adj. Diff. (L), SPST	High and Low Limit Control	All Hot Water Boilers	\$206
50545	L8124E1065 Honeywell Limit	High and Low Limit Control	All Hot Water Boilers	\$324
50579	T475A-1032 Outdoor Reset Control, Fixed 1:1 Reset Ratio, 10' Indoor/30' Outdoor Capillary	Resets System Water Temp based on Outdoor Air Temp	On-Off or Lo-Hi-Off Hot Water Boilers	\$558
50576	T475A-1016 Outdoor Reset Control, Fixed 1.5:1 Reset Ratio, 10' Indoor/30' Outdoor Capillary	Resets System Water Temp based on Outdoor Air Temp	On-Off or Lo-Hi-Off Hot Water Boilers	\$342
50500	T475A-1057 Outdoor Reset Control, Fixed 1:1.5 Reset Ratio, 10' Indoor/30' Outdoor Capillary	Resets System Water Temp based on Outdoor Air Temp	On-Off or Lo-Hi-Off Hot Water Boilers	\$374
50578	T675A-1011 Outdoor Air Temperature Control, 0-100 F Range, 5 Ft. Capillary, SPDT	Outdoor Thermostat or Automatic Fuel Changeover Controller	Boilers Requiring an Outdoor Thermostat and Dual Fuel Boilers	\$122
51283	T678B-1006 Outdoor Reset Control, Fixed 1:1 Reset Ratio, 10' Indoor/30' Outdoor Capillary	Resets System Water Temp based on Outdoor Air Temp	Lo-Hi-Lo Hot Water Boilers	\$499
51279	T775J-1076 Outdoor Reset Control, Adj. 30:1/1:30 Reset Ratio, Remote Sensing to 1000 Ft.	Resets System Water Temp based on Outdoor Air Temp	On-Off or Lo-Hi-Off Hot Water Boilers	\$960
50580	T991A-1079 Proportional Temperature Control, 160-260 F Set Point, 3-30 F Adj. Diff., 135 Ohm	Modulation Firing Rate Controller	Full Modulation Hot Water Boilers	\$373
50178	Immersion Well	T99 Controls	Hot Water Boilers	\$47
51293	T991F-1009 Outdoor Reset Control, Fixed Reset Ratio, 10' Indoor/30' Outdoor Capillary	Resets System Water Temp based on Outdoor Air Temp	Full Modulation Hot Water Boilers	\$560

STEAM CONTROLS TRADE PRICES

Code No.	Description	Function	May Be Used With	Trade Price
50535	L4006A-1058 Aquastat, 100-240 F Range, 5-30 F Adj. Diff., SPST	Tankless Heater Operating Control	Steam Boilers with Tankless Coils	\$119
50680	L404F1060 Pressuretrol, 2-15 PSI Range, 1-6 PSI Subtractive Diff., SPST	Operating Control, High Limit Control or Firing Rate Controller for Lo-Hi-Lo	All Steam Boilers	\$209
50681	L4079B1033 Pressuretrol, 2-15 PSI Range, Snap Switch, SPST, Manual Reset	High Limit Control, Manual Reset	All Steam Boilers	\$243
50543	L604L-1035 Pressuretrol, 2-15 PSI Range, Snap Switch, SPST, Manual Reset	High Limit Control, Manual Reset, with Alarm Contacts	All Steam Boilers	\$285
50548	L91B-1035 Proportional Pressuretrol, 0-15 PSI, 1-12 PSI Adj. Diff., 135 Ohm	Modulation Firing Rate Controller	Full Modulation Steam Boilers	\$373
50549	PA404A-1009 Pressuretrol, 0.5-9.0 PSI Range, 1-5 PSI Adj. Diff., SPST	High Limit Control or Firing Rate Controller	All Steam Boilers	\$119
50578	T675A-1011 Outdoor Air Temperature Control, 0-100 F Range, 5 Ft. Capillary, SPDT	Outdoor Thermostat or Automatic Fuel Changeover Controller	Boilers Requiring an Outdoor Thermostat and Dual Fuel Boilers	\$122
50633	Sun Shield for T675A	Sun Shield	All Steam Boilers	\$81

Optional Controls and Components

PRESSURE SWITCHES AND GAUGES TRADE PRICES

Code No.	Description	Function	May Be Used With	Trade Price
50676	C437D-1005 High Gas Pressure Switch, SPST 1-26" W.C., Manual Reset	High Gas Pressure Switch, Manual Reset	All Gas Boilers	\$352
50637	C437E-1004 Low Gas Pressure Switch, SPST 1-26" W.C., Manual Reset	Low Gas Pressure Switch, Manual Reset	All Gas Boilers	\$352
50700	C6097A-1012 Low Gas Pressure Switch, SPST 3-21" W.C., Manual Reset	Low Gas Pressure Switch, Manual Reset	All Gas Boilers	\$153
50701	C6097B-1028 High Gas Pressure Switch, SPST 3-21" W.C., Manual Reset	High Gas Pressure Switch, Manual Reset	All Gas Boilers	\$153
Special Order	Gas Pressure Gauge, Fig. 83, 2 1/2" Dial, 0-15" W.C.	Gas Pressure Gauge	All Gas Boilers	\$162
Special Order	Steam Pressure Gauge, #H4212, 30" Hg. x 30 PSI, 4-1/2" Diameter	Steam Pressure Gauge	All Steam Boilers	\$323

CIRCULATOR TRADE PRICES

Code No.	Description	Trade Price
50782	Taco 007-HF-5 (no flange)	\$148
91272	Taco 0010-PF-1 with 1-1/2" flange & hardware	\$288
51309	Taco 0012-F4 with 1-1/2" flange & hardware	\$438
51310	Taco 0012-ZF-4 with 1-1/2" flange & hardware	\$609
50784	Grundfos UP15-42F (No Flange)	\$148
50785	Grundfos UP26-64F (No Flange)	\$398
51049	Flange Set (Taco 110-253BP) 1-1/4" flange & hardware	\$13
91276	Flange Set (Taco 110-254BP) 1-1/2" flange & hardware	\$19

MISCELLANEOUS TRADE PRICES

Code No.	Description	Function	May Be Used With	Trade Price
50578	T675A-1011 Outdoor Air Temperature Control, 0-100 F Range, 5 Ft. Capillary, SPDT	Outdoor Thermostat or Automatic Fuel Changeover Controller	Boilers Requiring an Outdoor Thermostat and Dual Fuel Boilers	\$122
93788	Alarm Bell, Edwards #744, 10 Volt, 4" Diameter (Includes #590 Transformer, 120/10 Volt)	Alarm Bell	Series 64 and 211A	\$137
50564	Alarm Relay, R4222D-1013, 120 Volt Coil, DPDT	Alarm Relay	All Boilers	\$90
90130	Thermometer, Stack Temperature, Weiss 3RBM, 100-800 F, 3" Dial, with Insulated Mtg. Flange	Flue Gas Temperature	All Boilers	\$264
93787	Thermometer, Stack Temperature, Weiss 5RBM, 100-800 F, 5" Dial, with Insulated Mtg. Flange	Flue Gas Temperature	All Boilers	\$371
Special Order	Thermometer, Water Temperature, Weiss 9AS3, 9" Red Mercury Column, 30-300 F	System Water Temperature	All Hot Water Boilers	\$680
50726	Alarm Relay, 90-34, 24 Volt Coil, DPDT	Alarm Relay	Series 64	\$21

Optional Controls and Components

TANKLESS WATER HEATERS TRADE PRICES

Code No.	Heater Number	GPM	Pressure Drop (PSI)	Trade Price
90637	X-1019R	2.0 to 3.5	8 to 22	\$253
90534	X-1020	3.0 to 8.0	3 to 20	\$284
90537	X-1021	6.0 to 13.0	5 to 18	\$610
90539	X-1022	6.5 to 20.0	12 to 60	\$890
90546	X-1082	3.0 to 6.0	8 to 34	\$284
90621	PP-1011	3.0 to 4.0	10 to 17	\$280

TANKLESS WATER HEATER USAGE

Boiler Model	Tankless Heater Number						
	Water					Steam	
	X-1019	X-1020-R	X-1020	X-1021	X-1022	PP-1011	X-1082
WV-DV-03	X						
WBV-03	X					X	
WBV-04		X				X	
WV-05		X					
EC/ECT-03-06		X					X
EC/ECT-06				X			X
SC/SCT-05-10			X				X
SC/SCT-06-10				X			X
SC/SCT-08-10					X		X
LC-04-12			X(*)				
LC-05R-LCE-24				X(*)			
LC-07-LCE-24					X(*)		

(*) Used with water and steam boilers.



PeerlessBoilers.com

Warranty

The PEERLESS® PUREFIRE® Gas Twelve Year Limited Warranty

ONE-YEAR WARRANTY

PB Heat, LLC, Bally, Pennsylvania, hereinafter referred to as "PB Heat", warrants to the original owner of any PUREFIRE® gas boiler, hereinafter referred to as "boiler", or boiler parts, at the original installation site, for a period of one year from date of installation, that the boiler and boiler parts supplied by PB Heat are free from manufacturing defects in materials and workmanship, when used under normal conditions and when such boiler has not been modified or changed in any manner after leaving the plant of PB Heat. If any boiler or boiler parts supplied by PB Heat are found to have manufacturing defects in materials or workmanship, such will be, at PB Heat's option, repaired or replaced by PB Heat. Notification of claimed defects are to be made in writing to PB Heat, giving full particulars in support of claim. PB Heat, may, at its option, examine and inspect the alleged defective boiler or boiler parts. PB Heat may request that the materials be returned to PB Heat at owner's expense for factory inspection. This warranty does not cover labor costs for removal and reinstallation of an alleged defective boiler or boiler parts.

ADDITIONAL ONE-YEAR WARRANTY – LABOR COVERAGE

PB Heat will purchase for each owner who complies with the requirements below a fully insured, additional warranty, at no additional charge, that covers labor charges from the 91st day through the first year after installation, to replace defective parts performed by the authorized installing/servicing company. To receive this additional warranty, the owner must fully register their product immediately after installation of the PUREFIRE® gas boiler. PB Heat will not purchase this labor coverage policy if the boiler is not registered. Additionally, installing/servicing company must be registered for additional warranty to be in effect (see Extended Warranty—Program Guide for details). PB Heat is not responsible for labor claims against any insurance carrier.

SECOND THROUGH SEVENTH YEAR COVERAGE

PB Heat warrants to the original owner of any PUREFIRE® gas boiler, at the original installation site, for the period of the second through seventh year from date of installation, that the heat exchanger is free from manufacturing defects in materials and workmanship, when used under normal conditions and when such boiler has not been modified or changed in any manner after leaving the plant of PB Heat. If the heat exchanger leaks and is found to have manufacturing defects in materials or workmanship during such period, such will be, at PB Heat's option, repaired or replaced by PB Heat. No other component of the PUREFIRE® gas boiler will be replaced during the second through seventh years. Notification of claimed defects are to be made in writing to PB Heat, giving full particulars in support of claim. PB Heat, may, at its option, examine and inspect the alleged defect. This warranty does not cover labor costs for removal and reinstallation of an alleged defective boiler or boiler parts.

EIGHTH THROUGH TWELFTH YEAR COVERAGE

PB Heat warrants to the original owner of any PUREFIRE® gas boiler, at the original installation site, for the period of the eighth through twelfth year from date of installation, that the heat exchanger is free from manufacturing defects in materials and workmanship, when used under normal conditions and when such boiler has not been modified or changed in any manner after leaving the plant of PB Heat. If the heat exchanger leaks and is found to have manufacturing defects in materials or workmanship during such period, such will be, at PB Heat's option, repaired or replaced by PB Heat at a cost to the purchaser equal to the following percentages of the manufacturer's list price in effect at the date of replacement:

Year of Claim	8 & 9	10 & 11	12
Percentage to be paid by purchaser	25%	50%	75%

No other component of the PUREFIRE® gas boiler will be replaced during the eighth through twelfth years. Notification of claimed defects are to be made in writing to PB Heat, giving full particulars in support of claim. PB Heat, may, at its option, examine and inspect the alleged defect. This warranty does not cover labor costs for removal and reinstallation of an alleged defective boiler or boiler parts.

THESE WARRANTIES DO NOT COVER:

1. Component parts of the heating system not manufactured by PB Heat as part of the PUREFIRE® gas boiler or damage to surrounding areas or property caused by leakage or malfunction.
2. Workmanship of any installer of PUREFIRE® gas boilers. This warranty does not assume any liability of any nature for unsatisfactory performance caused by improper installation.
3. Costs for labor for removal and reinstallation of an alleged defective boiler or boiler parts, transportation to PB Heat, and any other materials necessary to perform the exchange, except as stated above. Replacement material will be invoiced to the distributor in the usual manner and will be subject to adjustment upon verification of defect.
4. Any PUREFIRE® gas boiler that has been damaged as a result of being improperly serviced or operated, including, but not limited to, the following: operated with insufficient water; allowed to freeze; subjected to flood conditions; operated with water conditions and/or fuels or additives which cause unusual deposits or corrosion in or on the heat exchanger; improper maintenance or subject to any other abuse or negligence, misuse and specifically, operation and maintenance contrary to the manuals furnished with this appliance.
5. Any PUREFIRE® gas boiler that has been damaged as a result of natural disasters, including, but not limited to, lightning, fire, earthquake, hurricanes, tornadoes or floods.

See back for additional warranty information.

Warranty

The PEERLESS® PUREFIRE® Gas Twelve Year Limited Warranty

6. *PUREFIRE*® gas boilers used for any purpose other than domestic space heating or indirectly heating water for domestic usage, or a *PUREFIRE*® gas boiler that has been disconnected, altered or had non-PB Heat approved components or accessories added, operated with fuels or at settings other than those set forth in the manuals furnished with this appliance.
7. *PUREFIRE*® gas boilers should be provided with combustion air free of contaminants such as, but not limited to, chlorine, ammonia, excessive dust, dirt, construction particles, products of combustion from other heating or water heating appliances or alkalis agents or other corrosive elements in the atmosphere.
8. The *PUREFIRE*® gas warranty does not cover damage to the boiler caused by adverse local conditions.

CONDITIONS AND LIMITATIONS

The warranties set forth herein are subject to the following conditions and limitations:

1. If at the time of a request for service the purchaser can not provide a copy of the original sales receipt or warranty registration then the warranty period for the *PUREFIRE*® gas boiler shall be deemed to have commenced thirty (30) days after the date of manufacture of the *PUREFIRE*® gas boiler and NOT the date of installation of the *PUREFIRE*® gas boiler.
2. This warranty extends only to *PUREFIRE*® gas boilers utilized in closed loop heating applications for domestic space heating and/or heating domestic water with an indirect fired water heater that have been properly installed based upon supplier's installation instructions. The use of the *PUREFIRE*® gas boiler directly as a potable water-heating appliance shall void any coverage under this warranty.
3. The purchaser shall have cleaned and maintained the *PUREFIRE*® gas boiler in accordance with the owner's manual that accompanies the unit. Every year a qualified and licensed contractor must inspect the *PUREFIRE*® gas boiler to assure it is in proper working condition.
4. All related heating components must be maintained in good operating condition.
5. All condensate lines and collectors must be checked to confirm that all condensation drains properly from the unit.
6. The *PUREFIRE*® gas boiler must have been installed by a heating contractor whose principal occupation is the sale and installation of heating equipment.
7. Before warranty claims will be honored, PB Heat shall have the opportunity to directly, or through its authorized representative, examine and inspect the alleged defective *PUREFIRE*® gas boiler or boiler parts. The decision whether repair or, in the alternative, replace boilers or boiler parts shall be made by PB Heat or its authorized representative.

THESE WARRANTIES DO NOT EXTEND TO ANYONE EXCEPT THE FIRST PURCHASER AT RETAIL AND ONLY WHEN THE *PUREFIRE*® GAS BOILER IS IN THE ORIGINAL INSTALLATION SITE. THE REMEDIES SET FORTH HEREIN ARE EXCLUSIVE.

ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED WITH RESPECT TO ALL PURCHASERS OR OWNERS. FAILURE TO FULLY REGISTER BOILER WITH PB HEAT SHALL HAVE NO EFFECT ON THE DISCLAIMER OF THESE IMPLIED WARRANTIES.

ALL EXPRESS WARRANTIES SHALL BE LIMITED TO THE DURATION OF THIS EXPRESS LIMITED WARRANTIES SET FORTH HEREIN AND EXCLUDE ANY LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM THE BREACH THEREOF. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY. PRODUCTS OR PARTS OF OTHER MANUFACTURERS ATTACHED OR SOLD AS PART OF A COVERED BOILER ARE SPECIFICALLY EXCLUDED FROM THE WARRANTY.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. PB HEAT'S FAILURE TO ENFORCE ANY TERMS OR CONDITIONS STATED HEREIN SHALL NOT BE CONSTRUED TO BE A WAIVER OF SUCH PROVISION.

For prompt service, notify the original installer who, in turn, will notify the PB Heat distributor who supplied the boiler. If this does not result in prompt service, contact PB Heat, LLC at the address below with details in support of the warranty claim. Alleged defective parts must be returned in accordance with PB Heat's procedure currently in force for handling returned goods for purpose of determining cause of failure. PB Heat will furnish the new parts to an authorized distributor who will furnish the parts to the heating contractor who installed the boiler. For any questions about coverage of this warranty, contact PB Heat.

EXTENDED WARRANTIES

Extended five and ten-year warranties for parts and labor for PB Heat *PUREFIRE*® gas boilers are available. This program is sold directly to the installing contractor/dealer who, in turn, will sell it to the home or building owner. Extended warranty coverage is also available for certain boiler system accessories. The coverage on these accessories can be added to any new PB Heat boiler installations, only by the contractor/dealer who sells the boiler and the extended warranty contract.



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Warranty

The PEERLESS® PUREFIRE® Gas Commercial Ten Year Limited Warranty

ONE-YEAR WARRANTY

PB Heat, LLC, Bally, Pennsylvania, hereinafter referred to as "PB Heat", warrants to the original owner of any PUREFIRE® gas boiler, hereinafter referred to as "boiler", or boiler parts, at the original installation site, for a period of one year from date of installation, that the boiler and boiler parts supplied by PB Heat are free from manufacturing defects in materials and workmanship, when used under normal conditions and when such boiler has not been modified or changed in any manner after leaving the plant of PB Heat. If any boiler or boiler parts supplied by PB Heat are found to have manufacturing defects in materials or workmanship, such will be, at PB Heat's option, repaired or replaced by PB Heat. Notification of claimed defects are to be made in writing to PB Heat, giving full particulars in support of claim. PB Heat, may, at its option, examine and inspect the alleged defective boiler or boiler parts. PB Heat may request that the materials be returned to PB Heat at owner's expense for factory inspection. This warranty does not cover labor costs for removal and reinstallation of an alleged defective boiler or boiler parts.

ADDITIONAL ONE-YEAR WARRANTY – LABOR COVERAGE

PB Heat will purchase for each owner who complies with the requirements below a fully insured, additional warranty, at no additional charge, that covers labor charges from the 91st day through the first year after installation, to replace defective parts performed by the authorized installing/servicing company. To receive this additional warranty, the owner must fully register their product immediately after installation of the PUREFIRE® gas boiler. PB Heat will not purchase this labor coverage policy if the boiler is not registered. Additionally, installing/servicing company must be registered for additional warranty to be in effect (see Extended Warranty—Program Guide for details). PB Heat is not responsible for labor claims against any insurance carrier.

SECOND THROUGH SEVENTH YEAR COVERAGE

PB Heat warrants to the original owner of any PUREFIRE® gas boiler, at the original installation site, for the period of the second through seventh year from date of installation, that the heat exchanger is free from manufacturing defects in materials and workmanship, when used under normal conditions and when such boiler has not been modified or changed in any manner after leaving the plant of PB Heat. If the heat exchanger leaks and is found to have manufacturing defects in materials or workmanship during such period, such will be, at PB Heat's option, repaired or replaced by PB Heat. No other component of the PUREFIRE® gas boiler will be replaced during the second through seventh years. Notification of claimed defects are to be made in writing to PB Heat, giving full particulars in support of claim. PB Heat, may, at its option, examine and inspect the alleged defect. This warranty does not cover labor costs for removal and reinstallation of an alleged defective boiler or boiler parts.

EIGHTH THROUGH TENTH YEAR COVERAGE

PB Heat warrants to the original owner of any PUREFIRE® gas boiler, at the original installation site, for the period of the eighth through tenth year from date of installation, that the heat exchanger is free from manufacturing defects in materials and workmanship, when used under normal conditions and when such boiler has not been modified or changed in any manner after leaving the plant of PB Heat. If the heat exchanger leaks and is found to have manufacturing defects in materials or workmanship during such period, such will be, at PB Heat's option, repaired or replaced by PB Heat at a cost to the purchaser equal to the following percentages of the manufacturer's list price in effect at the date of replacement:

Year of Claim	8 & 9	10
Percentage to be paid by purchaser	25%	50%

No other component of the PUREFIRE® gas boiler will be replaced during the eighth through tenth years. Notification of claimed defects are to be made in writing to PB Heat, giving full particulars in support of claim. PB Heat, may, at its option, examine and inspect the alleged defect. This warranty does not cover labor costs for removal and reinstallation of an alleged defective boiler or boiler parts.

THESE WARRANTIES DO NOT COVER:

1. Component parts of the heating system not manufactured by PB Heat as part of the PUREFIRE® gas boiler or damage to surrounding areas or property caused by leakage or malfunction.
2. Workmanship of any installer of PUREFIRE® gas boilers. This warranty does not assume any liability of any nature for unsatisfactory performance caused by improper installation.
3. Costs for labor for removal and reinstallation of an alleged defective boiler or boiler parts, transportation to PB Heat, and any other materials necessary to perform the exchange, except as stated above. Replacement material will be invoiced to the distributor in the usual manner and will be subject to adjustment upon verification of defect.
4. Any PUREFIRE® gas boiler that has been damaged as a result of being improperly serviced or operated, including, but not limited to, the following: operated with insufficient water; allowed to freeze; subjected to flood conditions; operated with water conditions and/or fuels or additives which cause unusual deposits or corrosion in or on the heat exchanger; improper maintenance or subject to any other abuse or negligence, misuse and specifically, operation and maintenance contrary to the manuals furnished with this appliance.
5. Any PUREFIRE® gas boiler that has been damaged as a result of natural disasters, including, but not limited to, lightning, fire, earthquake, hurricanes, tornadoes or floods.

See back for additional warranty information.

Warranty

The PEERLESS® PUREFIRE® Gas Commercial Ten Year Limited Warranty

6. PUREFIRE® gas boilers used for any purpose other than domestic space heating or indirectly heating water for domestic usage, or a PUREFIRE® gas boiler that has been disconnected, altered or had non-PB Heat approved components or accessories added, operated with fuels or at settings other than those set forth in the manuals furnished with this appliance.
7. PUREFIRE® gas boilers should be provided with combustion air free of contaminants such as, but not limited to, chlorine, ammonia, excessive dust, dirt, construction particles, products of combustion from other heating or water heating appliances or alkalis agents or other corrosive elements in the atmosphere.
8. The PUREFIRE® gas warranty does not cover damage to the boiler caused by adverse local conditions.

CONDITIONS AND LIMITATIONS

The warranties set forth herein are subject to the following conditions and limitations:

1. If at the time of a request for service the purchaser can not provide a copy of the original sales receipt or warranty registration then the warranty period for the PUREFIRE® gas boiler shall be deemed to have commenced thirty (30) days after the date of manufacture of the PUREFIRE® gas boiler and NOT the date of installation of the PUREFIRE® gas boiler.
2. This warranty extends only to PUREFIRE® gas boilers utilized in closed loop heating applications for domestic space heating and/or heating domestic water with an indirect fired water heater that have been properly installed based upon supplier's installation instructions. The use of the PUREFIRE® gas boiler directly as a potable water-heating appliance shall void any coverage under this warranty.
3. The purchaser shall have cleaned and maintained the PUREFIRE® gas boiler in accordance with the owner's manual that accompanies the unit. Every year a qualified and licensed contractor must inspect the PUREFIRE® gas boiler to assure it is in proper working condition.
4. All related heating components must be maintained in good operating condition.
5. All condensate lines and collectors must be checked to confirm that all condensation drains properly from the unit.
6. The PUREFIRE® gas boiler must have been installed by a heating contractor whose principal occupation is the sale and installation of heating equipment.
7. Before warranty claims will be honored, PB Heat shall have the opportunity to directly, or through its authorized representative, examine and inspect the alleged defective PUREFIRE® gas boiler or boiler parts. The decision whether to repair or, in the alternative, replace boilers or boiler parts shall be made by PB Heat or its authorized representative.

THESE WARRANTIES DO NOT EXTEND TO ANYONE EXCEPT THE FIRST PURCHASER AT RETAIL AND ONLY WHEN THE PUREFIRE® GAS BOILER IS IN THE ORIGINAL INSTALLATION SITE. THE REMEDIES SET FORTH HEREIN ARE EXCLUSIVE.

ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED WITH RESPECT TO ALL PURCHASERS OR OWNERS. FAILURE TO FULLY REGISTER THE BOILER WITH PB HEAT SHALL HAVE NO EFFECT ON THE DISCLAIMER OF THESE IMPLIED WARRANTIES.

ALL EXPRESS WARRANTIES SHALL BE LIMITED TO THE DURATION OF THIS EXPRESS LIMITED WARRANTIES SET FORTH HEREIN AND EXCLUDE ANY LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM THE BREACH THEREOF. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY. PRODUCTS OR PARTS OF OTHER MANUFACTURERS ATTACHED OR SOLD AS PART OF A COVERED BOILER ARE SPECIFICALLY EXCLUDED FROM THE WARRANTY.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. PB HEAT'S FAILURE TO ENFORCE ANY TERMS OR CONDITIONS STATED HEREIN SHALL NOT BE CONSTRUED TO BE A WAIVER OF SUCH PROVISION.

For prompt service, notify the original installer who, in turn, will notify the PB Heat distributor who supplied the boiler. If this does not result in prompt service, contact PB Heat, LLC at the address below with details in support of the warranty claim. Alleged defective parts must be returned in accordance with PB Heat's procedure currently in force for handling returned goods for purpose of determining cause of failure. PB Heat will furnish the new parts to an authorized distributor who will furnish the parts to the heating contractor who installed the boiler. For any questions about coverage of this warranty, contact PB Heat.

EXTENDED WARRANTIES

Both five and ten-year extended warranties are available for commercial gas boilers (ten-year extended warranties are available for commercial boilers with prior approval from PB Heat, LLC). This program is sold directly to the installing contractor/dealer who, in turn, will sell it to the home or building owner. Extended warranty coverage is also available for certain boiler system accessories. The coverage on these accessories can be added to any new PB Heat boiler installations, only by the contractor/dealer who sells the boiler and the extended warranty contract.



Warranty

The Cast 92™ Residential Gas Boiler Limited Lifetime Warranty

This warranty applies only to the original homeowner at the original place of installation.

FIRST THROUGH TENTH YEAR

PB Heat, LLC, Bally, Pennsylvania, hereinafter referred to as "PB Heat", warrants that the cast iron sections of any Cast 92™ gas boiler, hereinafter referred to as "boiler", were free of defects in material and workmanship when shipped, and will remain free of defects under normal usage from the date of original installation, for a period of ten years. In the event that the cast iron section is found to be defective in material or workmanship during this period, PB Heat will repair or replace the boiler, at its option.

ADDITIONAL ONE-YEAR WARRANTY – LABOR COVERAGE

PB Heat will purchase for each owner who complies with the requirements below a fully insured, additional warranty, at no additional charge, that covers labor charges from the 91st day through the first year after installation, to replace defective parts performed by the authorized installing/servicing company. To receive this additional warranty, the owner must fully register their product immediately after installation of the Cast 92™ gas boiler. PB Heat will not purchase this labor coverage policy if the boiler is not registered. Additionally, installing/servicing company must be registered for additional warranty to be in effect (see Extended Warranty—Program Guide for details). PB Heat is not responsible for labor claims against any insurance carrier.

ELEVENTH YEAR AND ABOVE

PB Heat warrants that the cast iron sections of any Cast 92™ gas boiler will remain free of defects in material and workmanship under normal usage for the lifetime of the original owner at the original place of installation. Should any sections be found to be defective, PB Heat will repair or replace the boiler, at its option, upon the payment of a proportionate charge based on the time the defective boiler was in service. The proportionate charge will be equal to the appropriate percentage of the retail price of the boiler at the time the warranty claim is made, determined as follows:

Year of Claim

11	12	13	14	15	16	17	18	19	20	21	23	24	25
5%	10%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	75%

Percentage to be paid by purchaser

PROCEDURE FOR OBTAINING WARRANTY SERVICE

The homeowner should perform the following in order to insure prompt warranty service:

1. Notify the installer, who in turn should notify the distributor, promptly upon discovery of a condition believed to be caused by a defect in manufacture. Failing this, the owner should notify PB Heat, 131 S. Church Street, Bally, PA 19503 in writing, giving full particulars in support of the claim.
2. Make available for inspection to PB Heat or its representative the parts alleged to be defective, and if requested by PB Heat, ship said parts prepaid to PB Heat, 131 S. Church Street, Bally, PA 19503 for inspection or repair.

EXCEPTIONS AND EXCLUSIONS

1. This warranty covers the Cast 92™ gas boiler only. The burner, jacket, controls and other auxiliary equipment furnished by PB Heat, but purchased from others shall be limited to that manufacturer's warranty, if any.
2. This warranty does not include expenses for removal or re-installation. The user will be responsible for the cost of replacement of the defective part and labor and material necessary to the exchange. Replacement material will be invoiced to the Distributor in the usual manner and will be subject to adjustment upon proof of defect.
3. Nothing herein shall be construed as a guaranty of workmanship of any installer in installing PB Heat Cast 92™ gas boilers, or as imposing on the Company any liability of any nature for unsatisfactory performance caused by faulty workmanship in installation, which liability is expressly disclaimed.
4. This warranty will not apply if the Cast 92™ gas boiler is structurally altered; is used or operated at over its rated capacity; or is not maintained in accordance with PB Heat's recommendations or the accepted good practice of the industry as defined by the Hydronics Institute, A.S.M.E. or other accepted authority.
5. This warranty will not apply if the Cast 92™ gas boiler has been damaged a result of: fire or other casualties; flooding or exposure to the elements; settlement, distortion, collapse or cracking of any foundation area, beams or pipes surrounding the boiler; improper or negligent installation, service or operation (including but not limited to the following – operated with insufficient water, allowed to freeze; subject to flood conditions; or operated with water conditions and/or fuels or additives which have caused unusual deposits or corrosion in or on the cast sections).

See back for additional warranty information.

Warranty

The Cast 92™ Residential Gas Boiler Limited Lifetime Warranty

6. This warranty applies only to Cast 92™ gas boilers installed within the United States and Canada.
7. In order for this warranty to be effective:
 - A. The Cast 92™ gas boiler must have been properly installed in a single or two-family residential dwelling. Warranty does not apply to boilers installed in apartments, commercial or industrial installations.
 - B. The Cast 92™ gas boiler must have been installed in strict accordance with PB Heat installation instructions furnished with the boiler.
 - C. The Cast 92™ gas boiler must not have been damaged in handling during shipment or installation. The determination of damage in handling or installation is a considered judgment of PB Heat and decision shall be final.
 - D. The Cast 92™ gas boiler must have been serviced annually by a licensed contractor and proof of such service must be provided with warranty claim. This service must have been in strict accordance with installation instructions furnished with the boiler.
8. In no case shall PB Heat's liability exceed the original selling price of the product found to be defective.
9. **THIS WARRANTY IS IN LIEU OF ALL EXPRESS WARRANTIES OF ANY KIND. THE REMEDIES UNDER THIS WARRANTY ARE EXCLUSIVE AND PB HEAT NEITHER ASSUMES NOR AUTHORIZES ANYONE TO ASSUME FOR IT ANY OTHER OBLIGATIONS. IN NO EVENT SHALL PB HEAT BE LIABLE UNDER THIS**

WARRANTY OR OTHERWISE IN ANY MANNER FOR ANY INCIDENTAL, REMOTE OR CONSEQUENTIAL DAMAGES RESULTING FROM BREACH OF THIS WARRANTY OR CONDITION IMPLIED BY LAW OR OTHERWISE, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS, FOR A PARTICULAR PURPOSE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

10. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

EXTENDED WARRANTIES

Extended five and ten-year warranties for parts and labor for PB Heat Cast 92™ gas boilers are available. This program is sold directly to the installing contractor/dealer who, in turn, will sell it to the home or building owner. Extended warranty coverage is also available for certain boiler system accessories. The coverage on these accessories can be added to any new PB Heat boiler installations, only by the contractor/dealer who sells the boiler and the extended warranty contract.

For commercial applications, please refer to Peerless® Boiler's Cast 92™ Commercial Warranty.



Warranty

The Cast 92™ Commercial Gas Boiler Limited Warranty

ONE-YEAR WARRANTY

PB Heat, LLC, Bally, Pennsylvania, hereinafter referred to as "PB Heat", warrants to the original owner at the original installation site that the Cast 92™ gas boiler, hereinafter referred to as "boiler", will be free from defects in material and workmanship for one (1) year from the date of installation or eighteen (18) months from the date of shipment from the factory which ever comes first. If upon examination by PB Heat the boiler is shown to have a defect in material or workmanship during the warranty period, the PB Heat will repair or replace, at its option that part of the boiler, which is shown to be defective.

ADDITIONAL ONE-YEAR WARRANTY – LABOR COVERAGE

PB Heat will purchase for each owner who complies with the requirements below a fully insured, additional warranty, that covers labor charges from the 91st day through the first year after installation, to replace defective parts performed by the authorized installing/servicing company. To receive this additional warranty, the owner must fully register their product immediately after installation of the Cast 92™ gas boiler. PB Heat will not purchase this labor coverage policy if the boiler is not registered. Additionally, installing/servicing company must be registered for additional warranty to be in effect (see Extended Warranty—Program Guide for details). PB Heat is not responsible for labor claims against any insurance carrier.

FIVE-YEAR WARRANTY

PB Heat further warrants to the original owner at the original installation site that the boiler's Heat Exchanger (Cast Iron or Stainless Steel) will be free from defects in material and workmanship for five (5) years from the date of shipment from the factory. If upon examination by PB Heat the boiler is shown to have a defect in material or workmanship during the warranty period, PB Heat will repair or replace, at its option the Heat Exchanger of the boiler, which is shown to be defective.

TEN YEAR WARRANTY

PB Heat further warrants to the original owner at the original installation site the boiler's Heat Exchanger (Cast Iron or Stainless Steel) will be free from defects in material or workmanship for Ten (10) years from the date of shipment from the factory. If upon examination by PB Heat the Heat Exchanger is shown to have a defect in material or workmanship during the warranty period, PB Heat will replace the Heat Exchanger upon payment of a percentage of the manufacturer's trade price in effect at the time of the claim prorated to the year in which the claim is made, as show below.

REPLACEMENT COST SCHEDULE:

Year of Claim	6	7	8	9	10
	55%	60%	65%	70%	75%

Percentage of trade price at the time of claim charged to the consumer

TWENTY-ONE YEAR THERMAL SHOCK WARRANTY CAST 92-2™ AND CAST 92-4™ BOILERS

PB Heat further warrants to the original owner at the original installation site that the boiler's (Cast Iron Sections) will be warranted for twenty-one (21) years against thermal shock when the boiler is installed as a closed loop hot water boiler. This warranty will cover damage due to thermal shock, such as leaks to the cast iron sections from cracks from thermal shock. This warranty does not cover damage due to corrosion, scaling, sooting or to improper installation or operation in which the inlet and outlet water temperature differential across the boiler cannot exceed 100 degrees F. Water quality is important. As per ASME recommendations, dissolved solids must be less than 200 ppm. Also, pH levels must be in the 6.5-11 range. Failure to follow these guidelines will void the warranty.

THIS LIMITED WARRANTY DOES NOT APPLY:

1. If the boiler has been subjected to misuse or neglect, has been accidentally or intentionally damaged, has not been installed, maintained or operated in accordance with the furnished written instructions, or has been altered or modified in anyway by any unauthorized person.
2. To any expenses, including labor or material, incurred during the removal or reinstallation of the boiler or parts thereof.
3. To boilers which were not installed and or serviced by a qualified contractor and or serviceman.
4. To burners, jackets, controls and other auxiliary equipment furnished by the manufacturer, but manufactured by others. Any warranties for such items shall be limited to those warranties offered by the original equipment manufacturer.
5. To any workmanship by any installer of the boiler.

THIS LIMITED WARRANTY IS CONDITIONAL UPON:

1. Shipment, to the nearest PB Heat Wholesaler, of that part of the boiler thought to be defective. Goods may only be returned with prior written approval of PB Heat. All returns must be freight prepaid.
2. Determination in the reasonable opinion of PB Heat that there exists a defect in material or workmanship. Repair or replacement of any part under this Limited warranty shall not extend the duration of the warranty with respect to such repaired or replaced part beyond the stated warranty period.

See back for additional warranty information.

Warranty

The Cast 92™ Commercial Gas Boiler Limited Warranty

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, AND ALL SUCH OTHER WARRANTIES, INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED AND EXCLUDED FROM THIS LIMITED WARRANTY. IN NO EVENT SHALL PB HEAT BE LIABLE IN ANYWAY FOR ANY CONSEQUENTIAL, SPECIAL, OR INCIDENTAL DAMAGES OF ANY NATURE WHATSOEVER, OR FOR ANY AMOUNTS IN EXCESS OF THE SELLING PRICE OF THE BOILER OR ANY PARTS THEREOF FOUND TO BE DEFECTIVE. THIS LIMITED WARRANTY GIVES THE OWNER AT THE ORIGINAL INSTALLATION SITE SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS, WHICH MAY VARY BY EACH JURISDICTION. EXTENDED WARRANTIES

EXTENDED WARRANTIES

Both five and ten-year extended warranties are available for commercial gas boilers (ten-year extended warranties are available for commercial boilers with prior approval from PB Heat, LLC). This program is sold directly to the installing contractor/dealer who, in turn, will sell it to the home or building owner. Extended warranty coverage is also available for certain boiler system accessories. The coverage on these accessories can be added to any new PB Heat boiler installations, only by the contractor/dealer who sells the boiler and the extended warranty contract.



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Warranty

Residential Cast Iron Boilers/Parts Limited Warranty

PB Heat, LLC, Bally, Pennsylvania, hereinafter referred to as "PB Heat", warrants to the original residential owner of any residential boiler or boiler parts, at the original installation site, for a period of one year from date of installation, that the boiler and boiler parts manufactured by PB Heat are free from manufacturing defects in materials and workmanship, when used under normal conditions and when such boiler has not been modified or changed in any manner after leaving the plant of PB Heat. If any boiler or boiler parts manufactured by PB Heat are found to have manufacturing defects in materials or workmanship, such will be repaired or replaced by PB Heat. Notification of claimed defects are to be made in writing to PB Heat, giving full particulars in support of claim. PB Heat, may, at its option, examine and inspect the alleged defective boiler or boiler parts. PB Heat may request that the materials be returned to PB Heat at owner's expense for factory inspection. The determination as to whether boiler or boiler parts shall be replaced, or in the alternative, repaired, shall be made by PB Heat.

ONE-YEAR WARRANTY – ALL BOILERS

PB Heat warrants that its residential boilers are free from defects in materials and workmanship for one year from date of installation. If any boiler or boiler parts are found to have a manufacturing defect in materials or workmanship, PB Heat will repair or, at its option, replace them.

LIMITED LIFETIME WARRANTY – WATER BOILERS

PB Heat warrants that the cast iron sections of its residential water boilers are free from defects in materials and workmanship under normal usage during the lifetime of the original owner at the original place of installation. If any sections are found to have a manufacturing defect in materials or workmanship, PB Heat will repair or, at its option, replace them.

TEN-YEAR LIMITED WARRANTY – STEAM BOILERS

PB Heat warrants that the **cast iron sections** of its residential steam boilers are free from defects in materials and workmanship through the tenth year following date of installation. If any sections are found to have a manufacturing defect in materials or workmanship, PB Heat will repair or, at its option, replace them.

THE LIMITED LIFETIME AND TEN-YEAR LIMITED WARRANTIES ARE CONDITIONED UPON REGISTRATION OF THE BOILER. NEITHER WARRANTY SHALL EXTEND TO PURCHASERS OR OWNERS WHO FAIL TO FULLY REGISTER THEIR BOILER WITH PB HEAT.

All of the above warranties are subject to the conditions that the PB Heat boiler must have been installed by a heating contractor whose principal occupation is the sale and installation of heating equipment. The boiler must be installed in a one or two family dwelling unit where the original purchaser of the boiler resides on a permanent basis.

The boiler must be maintained as described in the Installation, Operation and Maintenance Manual supplied with the boiler and should be inspected annually by a qualified heating specialist whose principal occupation is the installation and servicing of heating equipment.

THESE RESIDENTIAL WARRANTIES DO NOT COVER:

1. Boilers installed in buildings other than one- or two-family dwelling units.
2. Component parts of the heating system not manufactured by PB Heat as part of the boiler.
3. Workmanship of any installer of PB Heat boilers. This warranty does not assume any liability of any nature for unsatisfactory performance caused by improper installation.
4. Costs for labor for removal and reinstallation of an alleged defective boiler or boiler parts, transportation to PB Heat, and any other materials necessary to perform the exchange. Replacement material will be invoiced to the distributor in the usual manner and will be subject to adjustment upon verification of defect.
5. Any boiler that has been damaged as a result of being improperly serviced or operated, including, but not limited to, the following: operated with insufficient water; allowed to freeze; subjected to flood conditions; operated with water conditions and/or fuels or additives which cause unusual deposits or corrosion in or on the heat exchanger or subject to any other abuse or negligence.
6. Any boiler that has been damaged as a result of natural disasters, including, but not limited to, lightning, fire, earthquake, hurricanes, tornadoes or floods.
7. Boilers used for any purpose other than residential space heating or indirectly heating water for domestic usage.

THESE WARRANTIES DO NOT EXTEND TO ANYONE EXCEPT THE FIRST PURCHASER AT RETAIL AND ONLY WHEN THE BOILER IS IN THE ORIGINAL INSTALLATION SITE.

Before warranty claims will be honored, PB Heat shall have the opportunity to directly, or through its authorized representative, examine and inspect the alleged defective boiler or boiler parts. The decision whether to repair or, in the alternative, replace boilers or boiler parts shall be made by PB Heat or its authorized representative.

ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED WITH RESPECT TO ALL PURCHASERS OR OWNERS. FAILURE TO FULLY REGISTER THE BOILER WITH PB HEAT SHALL HAVE NO EFFECT ON THE DISCLAIMER OF THESE IMPLIED WARRANTIES.

See back for additional warranty information.

Warranty

Residential Cast Iron Boilers/Parts Limited Warranty

ALL EXPRESS WARRANTIES SHALL BE LIMITED TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY AND EXCLUDE ANY LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM THE BREACH OF ANY EXPRESS WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY. PRODUCTS OR PARTS OF OTHER MANUFACTURERS ATTACHED OR SOLD AS PART OF A COVERED BOILER ARE SPECIFICALLY EXCLUDED FROM THE WARRANTY.

For prompt service, notify the original installer who, in turn, will notify the PB Heat distributor who supplied the boiler. If this

does not result in prompt service, contact PB Heat, LLC with details in support of the warranty claim. Alleged defective parts must be returned in accordance with PB Heat's procedure currently in force for handling returned goods for purpose of determining cause of failure. PB Heat will furnish the new parts to an authorized distributor who will furnish the parts to the heating contractor who installed the boiler. For any questions about coverage of this warranty, contact PB Heat.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. PB HEAT'S FAILURE TO ENFORCE ANY TERMS OR CONDITIONS STATED HEREIN SHALL NOT BE CONSTRUED TO BE A WAIVER OF SUCH PROVISION.

Extended Warranties

Extended warranties are available for PB Heat, LLC residential and commercial products. Both five and ten-year extended warranties are available for both residential and commercial boilers (ten-year extended warranties are available for commercial boilers with prior approval from PB Heat, LLC). This program is sold directly to the installing contractor/dealer who, in turn, will sell it to the home or building owner. The complete **Extended Warranty Program Guide** including pricing can be found on our website at www.PeerlessBoilers.com.

Residential Extended Warranties – Boiler System Accessories:

Extended warranty coverage is also available for residential boiler system accessories. The coverage on these accessories can be added to any new PB Heat boiler installation, only by the contractor/dealer who sells the boiler **and** the extended warranty contract. The net prices for system accessories can be found in the Extended Warranty Program Guide at www.PeerlessBoilers.com and are in addition to the normal extended warranty contract price.



PeerlessBoilers.com

Warranty

Commercial Non-condensing Cast Iron Boilers

PB Heat, LLC, Bally, Pennsylvania, hereinafter referred to as "PB Heat", warrants to the original commercial owner of any commercial boiler or boiler parts, at the original installation site, for a period of one year from date of installation, that the boiler and boiler parts manufactured by PB Heat are free from manufacturing defects in materials and workmanship, when used under normal conditions and when such boiler has not been modified or changed in any manner after leaving the plant of PB Heat. If any boiler or boiler parts manufactured by PB Heat are found to have manufacturing defects in materials or workmanship, such will be repaired or replaced by PB Heat. Notification of claimed defects are to be made in writing to PB Heat, giving full particulars in support of claim. PB Heat, may, at its option, examine and inspect the alleged defective boiler or boiler parts. PB Heat may request that the materials be returned to PB Heat at owner's expense for factory inspection. The determination as to whether boiler or boiler parts shall be replaced, or in the alternative, repaired, shall be made by PB Heat.

ONE-YEAR WARRANTY – ALL COMMERCIAL BOILERS

PB Heat warrants that its commercial boilers are free from defects in materials and workmanship for one year from date of installation. If any boiler or boiler parts are found to have a manufacturing defect in materials or workmanship, PB Heat will repair or, at its option, replace them.

SECOND THROUGH TENTH-YEAR LIMITED WARRANTY – ALL COMMERCIAL BOILERS

PB Heat warrants that the heat exchanger or cast iron sections of its commercial water and steam boilers are free from defects in material and workmanship through the tenth year following date of installation. If any heat exchanger or cast iron sections are found to have a manufacturing defect in materials or workmanship, PB Heat will repair or, at its option, replace them.

THE SECOND THROUGH TENTH-YEAR LIMITED WARRANTY IS CONDITIONED UPON REGISTRATION OF THE BOILER. THIS WARRANTY SHALL NOT EXTEND TO PURCHASERS OR OWNERS WHO FAIL TO FULLY REGISTER THEIR BOILER WITH PB HEAT.

This warranty is subject to the conditions that the PB Heat boiler(s) must have been installed by a heating contractor whose principal occupation is the sale and installation of heating equipment and the boiler(s) were installed in a building other than a one- or two-family dwelling unit. The boiler must be maintained as described in the Installation, Operation and Maintenance Manual supplied with the boiler and should be inspected annually by a qualified heating specialist whose principal occupation is the installation and servicing of heating equipment.

THESE COMMERCIAL WARRANTIES DO NOT COVER:

1. Component parts of the heating system not manufactured by PB Heat as part of the boiler.
2. Workmanship of any installer of PB Heat boilers. This warranty does not assume any liability of any nature for unsatisfactory performance caused by improper installation.
3. Costs for labor for removal and reinstallation of an alleged defective boiler or boiler parts, transportation to PB Heat, and any other materials necessary to perform the exchange. Replacement material will be invoiced to the distributor in the usual manner and will be subject to adjustment upon verification of defect.

4. Any boiler that has been damaged as a result of being improperly serviced or operated, including, but not limited to, the following: operated with insufficient water; allowed to freeze; subjected to flood conditions; operated with water conditions and/or fuels or additives which cause unusual deposits or corrosion in or on the heat exchanger or subject to any other abuse or negligence.
5. Any boiler that has been damaged as a result of natural disasters, including, but not limited to, lightning, fire, earthquake, hurricanes, tornadoes or floods.
6. Boilers used for any purpose other than commercial space heating or indirectly heating water for domestic usage.

THESE WARRANTIES DO NOT EXTEND TO ANYONE EXCEPT THE FIRST PURCHASER AT RETAIL AND ONLY WHEN THE BOILER IS IN THE ORIGINAL INSTALLATION SITE.

Before warranty claims will be honored, PB Heat shall have the opportunity to directly, or through its authorized representative, examine and inspect the alleged defective boiler or boiler parts. The decision whether to repair or, in the alternative, replace boilers or boiler parts shall be made by PB Heat or its authorized representative.

ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED WITH RESPECT TO ALL PURCHASERS OR OWNERS. FAILURE TO FULLY REGISTER THE BOILER WITH PB HEAT SHALL HAVE NO EFFECT ON THE DISCLAIMER OF THESE IMPLIED WARRANTIES.

ALL EXPRESS WARRANTIES SHALL BE LIMITED TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY AND EXCLUDE ANY LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM THE BREACH OF ANY EXPRESS WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY. PRODUCTS OR PARTS OF OTHER MANUFACTURERS ATTACHED OR SOLD AS PART OF A COVERED BOILER ARE SPECIFICALLY EXCLUDED FROM THE WARRANTY.

For prompt service, notify the original installer who, in turn, will notify the PB Heat distributor who supplied the boiler. If this does not result in prompt service, contact PB Heat, LLC with details in support of the warranty claim. Alleged defective parts must be returned in accordance with PB Heat's procedure currently in force for handling returned goods for purpose of determining cause of failure. PB Heat will furnish the new parts to an authorized distributor who will furnish the parts to the heating contractor who installed the boiler. For any questions about coverage of this warranty, contact PB Heat.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. PB HEAT'S FAILURE TO ENFORCE ANY TERMS OR CONDITIONS STATED HEREIN SHALL NOT BE CONSTRUED TO BE A WAIVER OF SUCH PROVISION.

See back for additional warranty information.

Warranty

Extended Warranties

Extended warranties are available for PB Heat, LLC residential and commercial products. Both five and ten-year extended warranties are available for both residential and commercial boilers (ten-year extended warranties are available for commercial boilers with prior approval from PB Heat, LLC). This program is sold directly to the installing contractor/dealer who, in turn, will sell it to the home or building owner. The complete ***Extended Warranty Program Guide*** including pricing can be found on our website at www.PeerlessBoilers.com.



PeerlessBoilers.com

Warranty

Peerless® Partner® Limited Lifetime Warranty For Residential Usage

The PB Heat, LLC, Peerless® Partner® indirect-fired water heater is protected by these warranties. These warranties are applicable to original consumer purchases only.

WARRANTY COVERAGE FOR RESIDENTIAL USAGE

The warranties listed in this section should apply to PB Heat, LLC ("PB Heat"), Peerless® Partner® indirect-fired water heaters (the "Partner®"), used in a residential setting by the original consumer purchasers only. A "residential setting" as used herein shall mean usage in a single-family dwelling in which the original consumer purchaser of the Partner® resides on a permanent basis. "Residential setting" shall also mean usage in a multiple-family dwelling providing that a Partner® services only one (1) dwelling in a multiple-family dwelling. The term "residential setting" shall not include any usage of the Partner® above 150° Fahrenheit.

PB Heat warrants that it will repair or replace, at its option, without charge, any defective or malfunctioning component of the Partner® during the first year after the original date of installation in the dwelling. It is expressly agreed between PB Heat and the original consumer purchaser that repair or replacement is the exclusive and sole remedy of the original consumer purchaser.

During the remaining lifetime of the Partner®, PB Heat will repair or replace, at its option, without charge, any Partner® having a defect or malfunction that results in a water leak from the outside jacket, inner tank, or heat exchanger as a result of normal use and service. It is expressly agreed between PB Heat and the original consumer purchaser that repair or replacement is the exclusive and sole remedy of the original consumer purchaser.

Should a defect or malfunction result in a leakage of water within the above stated warranty periods due to defective material or workmanship, malfunction, or failure to comply with the above warranty, such defect or malfunction, if not in dispute by PB Heat, shall be repaired or replaced with the appropriate parts or a replacement Partner® of the nearest comparable model available at the time of replacement.

If PB Heat is unable to repair or replace a Partner® so as to conform with this warranty, after a reasonable number of attempts, then PB Heat will provide at its option, either a replacement product or a full refund of the purchase price. These remedies are the consumer purchaser's exclusive remedies for breach of warranty.

If at the time of request for service, the original consumer purchaser cannot provide a copy of the original sales receipt, deed, or equivalent document, then the warranty period for the Partner® shall be ten (10) years from the date of manufacture of the Partner®.

THESE RESIDENTIAL WARRANTIES DO NOT COVER:

1. Partners® installed in buildings other than buildings which constitute "residential settings" as defined above.
2. Component parts of, or attachments to, the Partner® not sold by PB Heat with the Partner®.
3. Workmanship of any installer of Peerless® Partners®. This warranty does not assume any liability of any nature for unsatisfactory performance caused by improper installation.
4. Costs for labor for removal and reinstallation of an alleged defective Partner® or Partner® parts determined not to be defective, including transportation to PB Heat, and any other materials necessary to perform the exchange. Replacement material will be invoiced to the distributor in the usual manner and will be subject to adjustment upon verification of defect.

5. Any Partner® that has been damaged as a result of being improperly serviced or operated, including but not limited to the following: operated with insufficient water; allowed to freeze; subjected to flood conditions; operated with water conditions and/or additives which cause unusual deposits or corrosion in or on the heat exchanger or subject to any other abuse or negligence.
6. Any Partner® that has been damaged as a result of natural disasters, including but not limited to, lightning, fire, earthquake, hurricanes, tornadoes or floods.
7. Condition resulting from exposure to foreign particles in the tank and exposure to chlorine content higher than 100 parts per million, or other corroding substances.

THESE WARRANTIES DO NOT EXTEND TO ANYONE EXCEPT THE FIRST PURCHASER AT RETAIL AND ONLY WHEN THE PARTNER® IS IN THE ORIGINAL INSTALLATION SITE.

Before warranty claims will be honored, PB Heat shall have the opportunity to directly, or through its authorized representative, examine and inspect the alleged defective Partner® or Partner® parts. The decision whether to repair or, in the alternative, replace Partners® or Partner® parts shall be made by PB Heat or its authorized representative.

ALL WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THE EXPRESS LIMITED WARRANTY AND EXCLUDE ANY LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM BREACH OF ANY EXPRESS OR IMPLIED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY.

For prompt service, notify the original installer who, in turn, will notify the PB Heat distributor who supplied the Partner®. If this does not result in prompt service, contact PB Heat with details in support of the warranty claim. Alleged defective parts must be returned in accordance with PB Heat procedure currently in force for handling returned goods for the purpose of determining cause of failure. PB Heat will furnish the new parts to an authorized distributor who will furnish the parts to the heating contractor who installed the Partner®. For any questions about coverage of this warranty, contact PB Heat.

PB HEAT'S FAILURE TO ENFORCE ANY TERMS OR CONDITIONS STATED HEREIN SHALL NOT BE CONSTRUED TO BE A WAIVER OF SUCH PROVISION.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

Peerless® Partner® Commercial Warranty on Reverse Side.

Warranty

Peerless® Partner® Limited 5-Year Warranty For Commercial Usage

WARRANTY COVERAGE FOR COMMERCIAL USAGE

The warranties listed in this section should apply to PB Heat, LLC ("PB Heat"), Peerless® Partner® indirect-fired water heaters (the "Partner®"), used in a commercial setting by original consumer purchasers only. A "commercial setting" as used herein shall mean any usage not falling within the above definition of a "residential setting". A Partner® shall be deemed to be used in a "commercial setting" if at any time it is operated at a temperature above 150° Fahrenheit.

PB Heat warrants that it will repair or replace, at its option, without charge, any defective or malfunctioning component of the Partner® during the first year after the original date of delivery to the original consumer purchaser. It is expressly agreed between PB Heat and the original consumer purchaser that repair or replacement is the exclusive and sole remedy of the original consumer purchaser.

During the second through fifth years after the original date of delivery to the original consumer purchaser, PB Heat will repair or replace, at its option, without charge, any Partner® having a defect or malfunction that results in a water leak from the outer jacket, inner tank, and heat exchanger as a result of normal use and service. It is expressly agreed between PB Heat and the original consumer purchaser that repair or replacement is the exclusive and sole remedy of the original consumer purchaser.

Should a defect or malfunction result in a leakage of water within the above stated warranty periods due to defective material or workmanship, malfunction, or failure to comply with the above stated warranty, such defect or malfunction, if not in dispute by PB Heat, shall be repaired or replaced with the appropriate parts or with a replacement Partner® or the nearest comparable model available at the time of replacement.

If PB Heat is unable to repair or replace a Partner® so as to conform with this warranty after a reasonable number of attempts, then PB Heat will provide, at its option, either a replacement product, or a full refund of the purchase price. These remedies are the exclusive remedies of the original consumer purchaser.

THESE COMMERCIAL WARRANTIES DO NOT COVER:

1. Partners® installed in buildings other than buildings which constitute "commercial settings" as defined above.
2. Component parts of, or attachments to, the Partner® not sold by PB Heat with the Partner®.
3. Workmanship of any installer of Peerless® Partners®. This warranty does not assume any liability of any nature for unsatisfactory performance caused by improper installation.
4. Costs for labor for removal and reinstallation of an alleged defective Partner® or Partner® parts determined not to be defective, including transportation to PB Heat, and any other materials necessary to perform the exchange. Replacement material will be invoiced to the distributor in the usual manner and will be subject to adjustment upon verification of defect.

5. Any Partner® that has been damaged as a result of being improperly serviced or operated, including but not limited to the following: operated with insufficient water; allowed to freeze; subject to flood conditions; operated with water conditions and/or additives which cause unusual deposits or corrosion in or on the heat exchanger or subject to any other abuse or negligence.
6. Any Partner® that has been damaged as a result of natural disasters, including but not limited to, lightning, fire, earthquake, hurricanes, tornadoes or floods.
7. Condition resulting from exposure to foreign particles in the tank and exposure to chlorine content higher than 100 parts per million, or other corroding substances.

THESE WARRANTIES DO NOT EXTEND TO ANYONE EXCEPT THE FIRST PURCHASER AT RETAIL AND ONLY WHEN THE PARTNER® IS IN THE ORIGINAL INSTALLATION SITE.

Before warranty claims will be honored, PB Heat shall have the opportunity to directly, or through its authorized representative, examine and inspect the alleged defective Partner® or Partner® parts. The decision whether to repair or, in the alternative, replace Partners® or Partner® parts shall be made by PB Heat or its authorized representative.

ALL WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY AND EXCLUDE ANY LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM BREACH OF ANY EXPRESS OR IMPLIED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY.

For prompt service, notify the original installer who, in turn, will notify the PB Heat distributor who supplied the Partner®. If this does not result in prompt service, contact PB Heat with details in support of the warranty claim. Alleged defective parts must be returned in accordance with PB Heat procedure currently in force for handling returned goods for the purpose of determining cause of failure. PB Heat will furnish the new parts to an authorized distributor who will furnish the parts to the heating contractor who installed the Partner®. For any questions about coverage of this warranty, contact PB Heat.

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THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

TRADE PRICE LIST (P-17)

PRODUCT DISTRIBUTION CENTERS

- **BOSTON, MA 978-667-6399**
(E.R. Stephen Co., Inc.)
- **CHICAGO, IL 708-544-4300**
(Profit Products, Inc.)
- **DENVER, CO 303-456-9774**
(AK Sales Associates, LLC)
- **MINNEAPOLIS, MN 952-829-7237**
(Kingsway Marketing, LLC)
- **OMAHA, NE 402-344-4311**
(B.G. Peterson Company)
- **SAN FRANCISCO, CA 510-235-0609**
(Power Boiler Sales, Inc.)

PB HEAT, LLC PHONE NUMBERS

- **MAIN NUMBER 610-845-6130**
- **MAIN FAX NUMBER 610-845-6121**



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