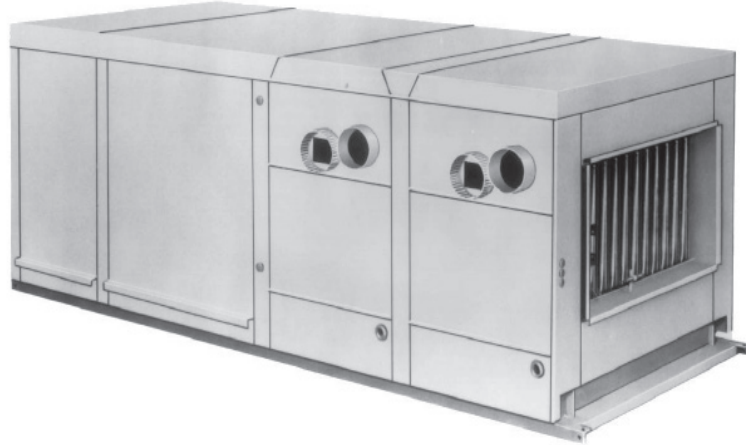


## REPLACEMENT PARTS FOR SEPARATED-COMBUSTION DUCT FURNACES AND PACKAGED SYSTEMS

### MODELS SC, SCE, SSCBL, AND SSCDBL (SERIES 6)



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### IMPORTANT

1. Always include complete model and serial number so that any specification change can be considered for parts replacement. It can save time and expense.
2. In keeping with our policy of continuous product improvement, we reserve the right to alter any information shown here. Specifications are subject to change without notice.
3. We reserve the right to substitute functional replacements.
4. Order by Part Number (PN) not by option designation.

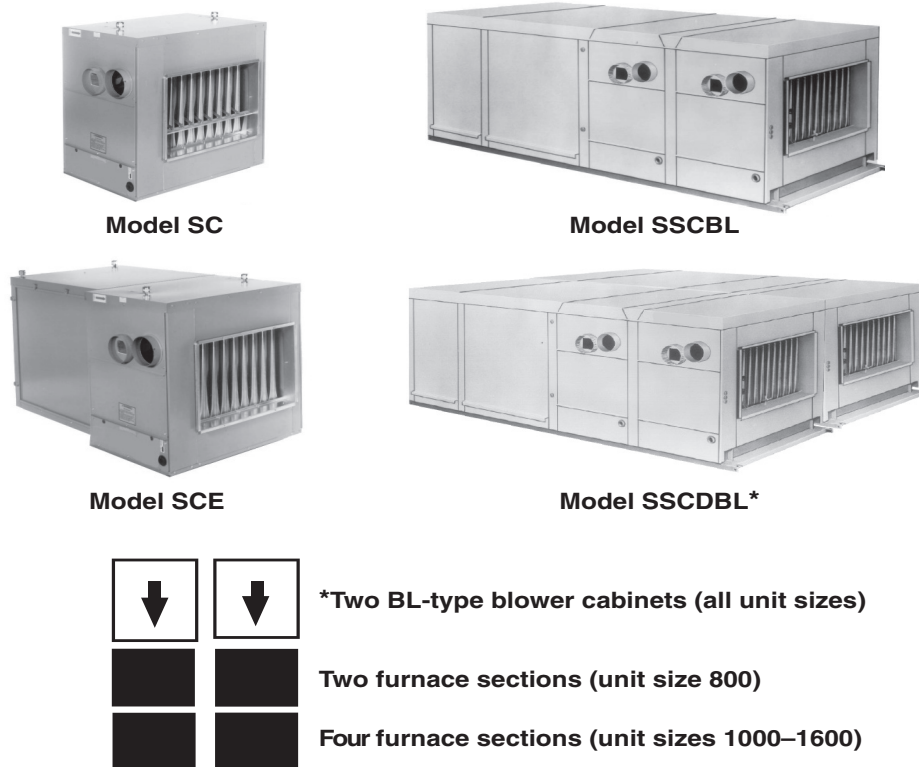
## REFERENCES

Type	Catalog or Form	PN
Installation/operation	SC-IOM	207696
	SCE-IOM	207697
	SSCBL-RPBL-IOM	149159
Control system guide	OPT-D19-D21-D22-D23	1042481
Vent/combustion air kit installation	OPT-CC2-CC6	205892
Maxitrol amplifier replacement kit installation	OPT-AG7,8,9,9H	262319
Ignition controller replacement kit installation	OPT-IGN-CNTRL	134704
Gas conversion kit parts	OPT-GC	143147
Replacement parts for ignition systems, gas valves, and maxitrol control systems	P-VALVES	263995

## CABINET CONFIGURATIONS

These furnaces have the following cabinet configurations (see [Figure 1](#)):

- **Model SC:** Duct furnace
- **Model SCE:** Blower/furnace packaged system
- **Model SSCBL:** Packaged system with BL-type blower cabinet and one, two, or three furnace sections
- **Model SSCDBL (discontinued in 2011):** Packaged system with two BL-type blower cabinets (model SSCBL cabinets, refer to [Table 2](#)) and two, four, or six furnace sections—replacement parts are listed in this manual as equivalent SSCBL parts



**Figure 1. Cabinet Configurations**

Model SSCDBL Unit Size	Unit Size of Model SSCBL Packaged System Used (Quantity)
800	400 (2)
1000	500 (2)
1200	600 (2)
1400	700 (2)
1600	800 (2)

# RATING AND IDENTIFICATION PLATES AND REPLACEMENT PARTS TAGS

## Sample Rating Plate and Key

MERCER, PA. USA 16137		
MADE IN MEXICO		
SEPARATED COMBUSTION SYSTEM		
DUCT FURNACE		
CATEGORY III		
FOR INDUSTRIAL/COMMERCIAL USE ONLY		
ANSI Z83.8 [ AA ] - [ A ] CSA 2.6 [ AA' ] - [ A' ] DUCT FURNACE		
MODEL [ B ] [ C ]		
SERIAL NO. [ D ]		
WIRING DIAGRAM NUMBER [ Z ]		
[ E ] VOLTS [ E ] PH [ E ] HZ MAXIMUM TOTAL INPUT [ E ] AMPS		
TYPE OF GAS: [ F ]		
ORIFICE SIZE [ J ] DRILL HAS BEEN FACTORY ADJUSTED		
FOR USE AT [ H ] FEET [ I ] METERS OF ALTITUDE		
	SEA LEVEL	ALT. ADJUSTED
NORMAL INPUT	[ R ]	[ K ] BTU/HR.
THERMAL OUTPUT CAPACITY	[ S ]	[ L ] BTU/HR.
MINIMUM INPUT (2,M,MV MODELS) [ T1 or T2 ]		[ M ] BTU/HR.
NORMAL MANIFOLD PRESSURE		[ N ] IN.W.C.
MIN. PERMISSIBLE GAS SUPPLY PRESSURE		[ O ] IN.W.C.
FOR PURPOSE OF INPUT ADJUSTMENT.		
MAXIMUM THROUGHPUT [ P ] CFM.		
MINIMUM THROUGHPUT [ Q ] CFM.		
CLEARANCES TO COMBUSTIBLE CONSTRUCTION: FLUE CONN. -6",		
SERVICE SIDE-WIDTH OF UNIT, OPP. SIDE-6", BOTTOM-6", TOP-6"		
MAY BE INSTALLED ON NONCOMBUSTIBLE FLOORS.		
INSTALL ON THE POSITIVE PRESSURE SIDE OF AIR-CIRCULATING BLOWER.		
THIS UNIT MAY BE INSTALLED DOWNSTREAM FROM A REFRIGERATION		
SYSTEM (USE DRAIN OPTION CS1).		
THIS UNIT MAY BE VENTED VERTICALLY WHEN USING CONCENTRIC		
ADAPTOR ASSEMBLY, PART NO. 82131, SUPPLIED BY MANUFACTURER.		
FOR ALTERNATE INSTALLATIONS USE THE LATEST EDITIONS OF THE		
APPROPRIATE STANDARD LISTED BELOW:		
FOR AIRCRAFT HANGARS	USE STANDARD ANSI/NFPA 409	
FOR PARKING STRUCTURES	USE STANDARD ANSI/NFPA 88A	
FOR REPAIR GARAGES	USE STANDARD ANSI/NFPA 88B	
THIS UNIT IS FOR CONNECTION MINIMUM OF 10'-0" OR THE FOLLOWING		
MAXIMUM LENGTHS:		
[ X ] IN. PIPE DIA.	[ Y ] FEET MAX. COMBINED LENGTH	

- AA-A = ANSI code and date
- AA'-A' = CSA code and date
- B = Model number
- C = Date of manufacture
- D = Serial number
- E = Volts/phase/Hz/amps
- F = Type of gas
- H = Altitude (feet)
- I = Altitude (meters)
- J = Orifice size
- K = Normal input altitude adjusted (BTUh)
- L = Thermal output altitude adjusted (BTUh)
- M = Minimum input altitude adjusted (BTUh)
- N = Normal manifold pressure (IN WC)
- O = Minimum gas supply pressure (IN WC)
- P = Maximum air throughput (cfm)
- Q = Minimum air throughput (cfm)
- R = Normal input sea level (BTUh)
- S = Thermal output sea level (BTUh)
- T = Minimum input sea level (BTUh)
- X = Pipe diameter (inches)
- Y = Maximum combined length (inches)

## Blower Cabinet Rating Plate and Key on Certified Packaged Units

MERCER, PA., U.S.A. 16137  
**PACKAGED DUCT FURNACE**  
 FOR INDUSTRIAL/COMMERCIAL USE ONLY  
 DESIGN CERTIFIED FOR A.G.A REQUIREMENTS UNDER  
 [ A ] PACKAGED DUCT FURNACE STANDARD  
 MODEL [ B ] [ C ]  
 SERIAL NO. [ D ] HP  
 [ E ] VOLTS [ E ] PH [ E ] HZ MAXIMUM TOTAL INPUT [ E ] AMPS  
 IF EQUIPPED WITH REC OPTION, ADD [ V ] AMPS  
 EQUIPPED FOR OPERATION AT AN AIR FLOW OF [ F ] SCFM  
 AGAINST A STATIC PRESSURE OF [ G ] INCHES WATER COLUMN.  
 DRIVE NO. [ H ] WIRING DIAGRAM [ I ]  
 SEE MANUFACTURER'S INSTRUCTIONS FOR OTHER AIR FLOW  
 CAPACITIES.  
 FILTERS, WHEN USED, MUST BE INSTALLED EXTERNAL TO THE  
 HEATER CASING.  
 REFER TO THE RATING PLATE OF THE DUCT FURNACE FOR  
 ADDITIONAL INFORMATION.

- A = Standard
- B = Model
- C = Date of manufacture
- D = Motor horsepower
- E = Volts/phase/Hz/amps
- F = SCFM
- G = Static Pressure (IN WC)
- H = Drive (AM) option code
- I = Wiring diagram number

### Identification Plates

Identification plates (see **Figure 2**) have been used on blower cabinets manufactured prior to package certification (refer to **Table 3**). Replacement parts may be affected by the introduction of a new series or by re-certification. Series changes indicate when that model was re-certified by the approval agency. The series is identified in the model number of the unit. The number following the model of the heater is the series number (e.g., in model number **SC300-6**, "6" is the series number).

**NOTE: Series 6 had significant changes. Replacement parts specific to series 1, 3, and 5 are not listed in this manual and are no longer available.**

MODEL NUMBER	SERIAL NUMBER
DRIVE NO.	WIRING DIAGRAM NO.
CFM ____ AT ____ IN. W.C. MAX. E.S.P. AND ____ HP	
VOLTS	PHASE      HERTZ      AMPERES

**Figure 2. Sample Identification Plate**

Standard	Model	Series			
		1	3	5	6
MM YY (Serial Number Date Code)					
ANSI	SC, SCA*, SCB*	MAR 1974 (ZC)	SEP 1982 (AHI)	APR 1989 (AOD)	OCT 1993 (ASJ)
	SCE	AUG 1974 (ZH)			
	SSCBL	JAN 1992 (ARA)	—		JAN 1997 (AWA)
C.G.A.	SC	MAR 1975 (AAC)	—		OCT 1993 (ASJ)
	SCA*, SCB*		SEP 1982 (AHI)	JAN 1991 (AQA)	
	SCE	—	—		JAN 1997 (AWA)
	SSCBL	—	—		

\*Models SCA and SCB were discontinued in 2001. Replacement parts are not listed in this manual and may not be available. If a part is needed, contact your distributor for availability.

## Replacement Parts Tags

Each unit may have a replacement parts tag that includes the model No. and the serial No. as well as a list of original common replacement parts. Always provide the full model and serial numbers when ordering replacement parts.

## SERIAL NUMBERS

Serial number format changed in June of 2015. Use the following information to decode system serial numbers:

### Decoding a System Serial Number for ALL Models *Before* JUN 2015

Serial No. Sample:        **BAA 66 H5 N 000000**  
 Elements of No.:         **1 | 2 | 3 | 4 | 5**

#### Key:

- 1 = Date of manufacture (refer to [Table 4](#))
- 2 = Type of pilot system (refer to *P-VALVES* manual listed in [Table 1](#))
- 3 = Type of gas valve (refer to *P-VALVES* manual listed in [Table 1](#))
- 4 = Type of gas (N = natural, L = propane)
- 5 = Consecutive number (identification only)

### Decoding a System Serial Number for ALL Models *After* MAY 2015

Serial No. Sample:        **BOF 3060 000000**  
 Elements Key No.:        **1 | 2 | 3**

#### Key:

- 1 = Date of manufacture (refer to [Table 4](#))
- 2 = Plant of manufacture (3060 = Mercer; 3062 = Monterrey)
- 3 = Consecutive number

Table 4. Serial Number Date Codes (Month and Year)												
Year	Month											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1980	AFA	AFB	AFC	AFD	AFE	AFF	AFG	AFH	AFI	AFJ	AFK	AFL
1981	AGA	AGB	AGC	AGD	AGE	AGF	AGG	AGH	AGI	AGJ	AGK	AGL
1982	AHA	AHB	AHC	AHD	AHE	AHF	AHG	AHH	AHI	AHJ	AHK	AHL
1983	AIA	AIB	AIC	AID	AIE	AIF	AIG	AIH	AII	AIJ	AIK	AIL
1984	AJA	AJB	AJC	AJD	AJE	AJF	AJG	AJH	AJI	AJJ	AJK	AJL
1985	AKA	AKB	AKC	AKD	AKE	AKF	AKG	AKH	AKI	AKJ	AKK	AKL
1986	ALA	ALB	ALC	ALD	ALE	ALF	ALG	ALH	ALI	ALJ	ALK	ALL
1987	AMA	AMB	AMC	AMD	AME	AMF	AMG	AMH	AMI	AMJ	AMK	AML
1988	ANA	ANB	ANC	AND	ANE	ANF	ANG	ANH	ANI	ANJ	ANK	ANL
1989	AOA	AOB	AOC	AOD	AOE	AOF	AOG	AOH	AOI	AOJ	AOK	AOL
1990	APA	APB	APC	APD	APE	APF	APG	APH	API	APJ	APK	APL
1991	AQA	AQB	AQC	AQD	AQE	AQF	AQG	AQH	AQI	AQJ	AQK	AQL
1992	ARA	ARB	ARC	ARD	ARE	ARF	ARG	ARH	ARI	ARJ	ARK	ARL
1993	ASA	ASB	ASC	ASD	ASE	ASF	ASG	ASH	ASI	ASJ	ASK	ASL
1994	ATA	ATB	ATC	ATD	ATE	ATF	ATG	ATH	ATI	ATJ	ATK	ATL
1995	AUA	AUB	AUC	AUD	AUE	AUF	AUG	AUH	AUI	AUJ	AUK	AUL
1996	AVA	AVB	AVC	AVD	AVE	AVF	AVG	AVH	AVI	AVJ	AVK	AVL
1997	AWA	AWB	AWC	AWD	AWE	AWF	AWG	AWH	AWI	AWJ	AWK	AWL
1998	AXA	AXB	AXC	AXD	AXE	AXF	AXG	AXH	AXI	AXJ	AXK	AXL
1999	AYA	AYB	AYC	AYD	AYE	AYF	AYG	AYH	AYI	AYJ	AYK	AYL
2000	AZA	AZB	AZC	AZD	AZE	AZF	AZG	AZH	AZI	AZJ	AZK	AZL
2001	BAA	BAB	BAC	BAD	BAE	BAF	BAG	BAH	BAI	BAJ	BAK	BAL
2002	BBA	BBB	BBC	BBD	BBE	BBF	BBG	BBH	BBI	BBJ	BBK	BBL
2003	BCA	BCB	BCC	BCD	BCE	BCF	BCG	BCH	BCI	BCJ	BCK	BCL

## SERIAL NUMBERS—CONTINUED

**Table 4. Serial Number Date Codes (Month and Year)—Continued**

Year	Month											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2004	BDA	BDB	BDC	BDD	BDE	BDF	BDG	BDH	BDI	BDJ	BDK	BDL
2005	BEA	BEB	BEC	BED	BEE	BEF	BEG	BEH	BEI	BEJ	BEK	BEL
2006	BFA	BFB	BFC	BFD	BFE	BFF	BFG	BFH	BFI	BFJ	BFK	BFL
2007	BGA	BGB	BGC	BGD	BGE	BGF	BGG	BGH	BGI	BGJ	BGK	BGL
2008	BHA	BHB	BHC	BHD	BHE	BHF	BHG	BHH	BHI	BHJ	BHK	BHL
2009	BIA	BIB	BIC	BID	BIE	BIF	BIG	BIH	BII	BIJ	BIK	BIL
2010	BJA	BJB	BJC	BJD	BJE	BJF	BJG	BJH	BJI	BJJ	BJK	BJL
2011	BKA	BKB	BKC	BKD	BKE	BKF	BKG	BKH	BKI	BKJ	BKK	BKL
2012	BLA	BLB	BLC	BLD	BLE	BLF	BLG	BLH	BLI	BLJ	BLK	BLL
2013	BMA	BMB	BMC	BMD	BME	BMF	BMG	BMH	BMI	BMJ	BMK	BML
2014	BNA	BNB	BNC	BND	BNE	BNF	BNG	BNH	BNI	BNJ	BNK	BNL
2015	BOA	BOB	BOC	BOD	BOE	BOF	BOG	BOH	BOI	BOJ	BOK	BOL
2016	BPA	BPB	BPC	BPD	BPE	BPF	BPG	BPH	BPI	BPJ	BPK	BPL
2017	BQA	BQB	BQC	BQD	BQE	BQF	BQG	BQH	BQI	BQJ	BQK	BQL
2018	BRA	BRB	BRC	BRD	BRE	BRF	BRG	BRH	BRI	BRJ	BRK	BRL
2019	BSA	BSB	BSC	BSD	BSE	BSF	BSG	BSH	BSI	BSJ	BSK	BSL
2020	BTA	BTB	BTC	BDT	BTE	BTF	BTG	BTH	BTI	BTJ	BTk	BTL
2021	BUA	BUB	BUC	BUD	BUE	BUF	BUG	BUH	BUI	BUJ	BUK	BUL
2022	BVA	BVB	BVC	BVD	BVE	BVF	BVG	BVH	BVI	BVJ	BVK	BVL
2023	BWA	BWB	BWC	BWD	BWE	BWF	BWG	BWH	BWI	BWJ	BWK	BWL
2024	BXA	BXB	BXC	BXD	BXE	BXF	BXG	BXH	BXI	BXJ	BXK	BXL
2025	BYA	BYB	BYC	BYD	BYE	BYF	BYG	BYH	BYI	BYJ	BYK	BYL

**Table 5. Serial Number Motor Horsepower (HP) Codes**

Single-Speed Motors				Two-Speed Motors			
Code*	HP	Code	HP	Code	HP	Code	HP
05	1	11	7.5	20	1.00/0.44	24	5.00/2.20
06	1.5	12	15	21	1.50/0.68	25	7.50/3.30
07	2	13	10	22	2.00/0.88		
08	3	14	20	23	3.00/1.30	26	10.00/4.40
09	5						

\*Refer to item D in blower cabinet rating plate key.

## ELECTRICAL COMPONENTS

### NOTE:

- **Figure 3** shows the locations of control side electrical components.
- **Table 6, Table 7, Table 8, and Table 9** list electrical components.
- **Figure 4, Figure 5, Figure 6, and Figure 7** show individual electrical components.

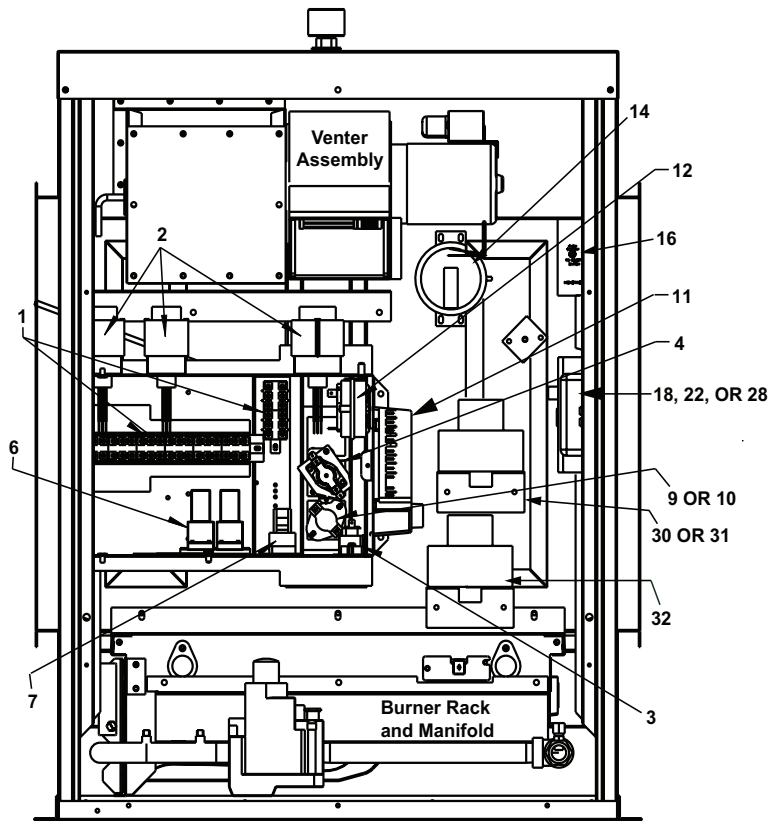


Figure 3. Electrical Components—Control Side (Refer to Table 6)

Item No.	Component	Description	PN	Figure Reference
1	Terminal block		144972	Figure 3, Figure 4
1A	Adapter	Terminal block	144973	Figure 4
2	Control/damper transformer	115/24/20VA (Basler #BE121625-WAR)	103054	Figure 3, Figure 4
		115/24/40VA (Basler #BE141650-WAA)	103055	
		208/230/24/40VA (Basler #BE2153900)	103497	
		460/24/40VA (Basler #BE23975001)	103498	
3		Time delay	259780	Figure 3, Figure 4
4		Time delay, SPST, fan/blower control on units manufactured <i>after</i> NOV 2004, for units manufactured <i>before</i> DEC 2004, temperature-activated fan control is no longer available—order replacement kit PN <a href="#">209184</a> (with Thermodisc #I2S20-305131)	209164	
5	Relay	RBM, SPDT, same as option BG3 and part of option BG5 (#84-20103-301)	18549	
6		For units manufactured <i>before</i> SEP 2011, order replacement kit PN <a href="#">263527</a> to replace relay PN 14747, 98118, or 103317, option AG8, AG9, or AG21	211411 211415	
7		Time delay, SPDT, 24V, used in options AG39 and AG40 (Thermodisc #I2S30)	174810	Figure 4
8		Time delay, for freezestat circuit, options AG39 and AG40 <i>before</i> JUL 2000 (T&B Agastat #TM1ULA)	89661	
9	Limit control	For SC series 6, opens at 125°F, closes at 105°F	50417	Figure 3, Figure 4
9A		Shield	Limit control	
10	Limit control	Automatic reset, with linear sensor, SSCBL mmodels manufactured <i>before</i> JAN 1997 (TOD #10HG11)	Refer to Table 7	
10A		Shield		
11	Ignition controller	For intermittent-spark pilot system without lockout (serial No. code 94), replaces previously-used recycling ignition controller without lockout (serial No. codes 62 and 66), order replacement kit PN <a href="#">257472</a>	257009	Figure 3, Figure 5
		For intermittent-spark pilot system with lockout (serial No. code 95), replaces previously-used ignition controller with lockout (serial No. codes 63, 65, and 84), order replacement kit PN <a href="#">257473</a>	257010	

## ELECTRICAL COMPONENTS—CONTINUED

**Table 6. Electrical Components—Continued**

Item No.	Component	Description	PN	Figure Reference	
12	Combustion air pressure switch	For units manufactured <b>after</b> JUN 2004 except SC models with option AG39, AG40, AG41, or AG42 gas controls, altitudes up to 4000 feet, setpoint 0.58 (±0.05) IN WC	204327	Figure 3, Figure 5	
		For units manufactured <b>after</b> JUN 2004 except SC models with option AG39, AG40, AG41, or AG42 gas controls, altitudes above 4000 feet, setpoint 0.52 (±0.05) IN WC	204328		
		For SC/SCE units manufactured <b>after</b> JUN 2004 with option AG39 or 40 and for first furnace of SSCBL models with option AG41 or AG42 gas controls, unit sizes 100–225	204325		
		For SC/SCE units manufactured <b>after</b> JUN 2004 with option AG39 or 40 and for first furnace of SSCBL models with option AG41 or AG42 gas controls, unit sizes 250–400 (SC/SCE models) or 400–1200 (SSCBL models)	204326		
				193810	—
				193811	—
				193813	Figure 3, Figure 5
				193812	
13	ECO device	Use PN <a href="#">82414</a> on series 6 units manufactured <b>before</b> DEC 1999 (Micro #G5AP0201)	131450	Figure 5	
13A	Mounting plate	ECO device	82633	—	
14	Switch	Blower air flow, normally-open/non-adjustable, setpoint 0.175 IN WC, option BW1 (Tridelta #FP6605)	112107	Figure 3, Figure 5	
15		Summer/winter, 6A, unit sizes 125–200, options BF4 and CH1 for SCE models	98148	Figure 5	
		Summer/winter, 10A, unit sizes 225–400, options BF4 and CH1 for SCE models	8338		
16	Firestat	Manual reset opens at 200°F, options BD2 and BD3 (Honeywell #L4029E 1029)	42782	Figure 3, Figure 5	
16A	Gasket	Firestat, used when firestat is used without cover	121041	—	
16B	Shield	Firestat, discharge firestat only	120021	—	
17	Freezestat	25–225°F, replaces PN 16108 (J/C #AI9AAF-12C)	126170	Figure 5	
17A		Bulb	100260		
17B	Clamp	Grommet	131993		
17C		Cable	132065	—	
18	Ductstat	Two-stage, 55–58°F, 5-foot capillary length, options AG3, AG4, and AG5, units manufactured <b>before</b> MAR 2022, no longer available—replaced by PN <a href="#">211481</a> (Honeywell #T678A1015)	41700	Figure 3, Figure 5	
		Two-stage, 50–120°F, 10-foot capillary, option AG3, AG4, or AG5, units manufactured <b>after</b> FEB 2022, replaces PN <a href="#">41700</a> —note that terminal designations are different (Jumo #6000444832)	211481		
18A	Holder	Bulb	100260	—	
18B	Strap	Cable	16227	—	
19	Remote ductstat module	Ductstat temperature selector, options AG15, AG16, AG17, AG18, AG19, and AG20 (J/C #A350AA-1C)	115848	Figure 5	
19A		Stage adder, options AG15, AG16, AG17, AG18, AG19, and AG20 (J/C #S350AA-1C)	115849		
19B		Digital temperature display, options AG15, AG16, AG17, AG18, AG19, and AG20 (J/C #D350AA-1C)	115852		
20	Sensor	Ductstat, part of PN 115848 (#A99BC-25C)	115851		
20A	Holder	Ductstat (#TE6001-1)	115850		
21	Discharge sensor	For modulating gas control options AG8 and AG9 (Maxitrol #TS-121)	48041	Figure 5	
		For modulating gas control options AG39 and AG41 (Maxitrol #TS-194)	133228		
21A	Gasket	Discharge sensor	104138	—	
22	Signal conditioner	For modulating gas control options AG21 and AG40	134170	Figure 3, Figure 5	
23	Fuse	8A	201773	Figure 5	
			201780		
		3A	201803		
23A	Fuseholder		60241	—	
24	Receptacle	Convenience outlet, option BC2	96912	—	
25	Motor contactor	24V coil, replaces PN 93661 and PN <a href="#">119625</a> on SSCBL models	216386	Figure 6	
		24V coil, replaces PN 93661 and <a href="#">119625</a> on SCE models	122376		



**Table 6. Electrical Components —Continued**

Item No.	Component	Description	PN	Figure Reference
26	Control	Temperature, -30°F to 100°F, options AG41 and AG42 on SSCBL models (J/C #A19ABC-24)	197204	
27	Limit	Reverse flow (#60T11-313154)	103323	Figure 6
27A	Bracket	Reverse flow limit	18795	
28	Amplifier	Maxitrol 21HR option AG9 and 20AH option AG7, replace with kit PN 262320 (#A1010B)	48035	Figure 3
		Maxitrol 30AH option AG7 and 31HR option AG9, replace with kit PN 262320 (#1011F)	48036	
		Part of replacement kit PN 262320 (Maxitrol #A1010U)	260863	Figure 3, Figure 6
		Maxitrol 21H option AG8, replace with kit PN 262321 (#A1010F)	48037	Figure 3
		Maxitrol 31H option AG8, replace with kit PN 262321 (#A1011F)	48038	
		Part of replacement kit PN 262321 (Maxitrol #AD1010U)	260864	Figure 3, Figure 6
29	Temperature selector	Remote, option AG9 (Maxitrol #TD121)	48042	Figure 6
		Remote, options AG AG39, AG40, AG41, and AG42 (Maxitrol #TD92-0509)	174849	
30	Gas pressure switch	Low pressure, natural gas, range 1–6 IN WC, option BP4	93849	Figure 3, Figure 6
31		Low pressure, propane, range 6–24N WC, automatic reset, settings = 50% of minimum inlet gas pressure on unit rating plate, option BP4	149176	
32		High pressure, manual reset, settings = 125% of normal manifold gas pressure on unit rating plate, option BP4	93850	
32A		Vent limiter (Maxitrol #A1209)	123481	
32B		Bracket	100261	
33		Gas flow switch	Primary gas flow, white label, 1.1 IN WC, options AG39, AG40, AG41, and AG42	
	Backup gas flow, yellow label, 1.4 IN WC, with solenoid actuator, units manufactured <i>before</i> NOV 2003, options AG39, AG40, AG41, and AG42		175985	
	Backup gas flow, white label, 1.1 IN WC, with gear motor, units manufactured <i>after</i> OCT 2003, options AG39, AG40, AG41, and AG42		174809	
34	Relay	Speed-selector, two-speed motor, 24V (Essex #91-102006-1300)	110656	
35	Control/damper transformer	575/115/300VA, used on 115V furnace	105202	Figure 6
		230/460/575-24-200VA	39095	
		208/24/200VA	39094	
36	Pressure switch	Dirty filter, field-adjustable, 0.17–5.00 (±0.05) IN WC range (Cleveland Controls #RFS-4100-040)	105507	
37	Transformer	kVA	Refer to Table 8	
38	Toggle switch	DPDT, three-position, in 4 × 4 box, option CN1	40277	Figure 7
		DPDT, three-position, replaces PN 21826, option CN1 and options RC5, RC6, RC7, RC8, RC10, RC11, and RC12	101900	
		SPDT, two-position, in 2 × 4 box, option CN3	39733	
		DPST, two-position, replaces PN 1052, options CN3 and CN4 and options RC3, RC4, RC7, RC8, and RC11	101901	
		DPST, two-position, in 2 × 4 box, option CN2	39732	
		DPST, two-position, replaces PN 16816, options CN2, AG3, AG8, AG9, and RC12	101902	
		SPST, two-position, in 2 × 4 box, option CN4, when replacing SPST switch with SPDT switch, make wiring connections at appropriate two terminals for switch to function properly	39748	
39	Disconnect switch	30A, 240V, non-fusible, option CP1	40267	Figure 7
		30A, 240V, fusible, less fuses, option CP2	40268	
		30A, 600V, non-fusible, option CP3 (option CP58 (PN 208053) in Canada)	50365	
		30A, 600V, fusible, less fuses, option CP4 (option CP41 (PN 208046) in Canada)	50366	
		60A, 240V, non-fusible, option CP21	161462	
		60A, 240V, fusible, less fuses, option CP17	161459	
		60A, 600V, non-fusible, option CP23 (option CP60 (PN 208055) in Canada)	161464	
		60A, 600V, fusible, less fuses, option CP20 (option CP43 (PN 208047) in Canada)	161461	
		100A, 240V, non-fusible, option CP22	161463	
		100A, 240V, fusible, less fuses, option CP18	90973	
		100A, 600V, non-fusible, option CP24 (option CP62 (PN 208057) in Canada)	164330	
100A, 600V, fusible, less fuses, option CP36 (option CP45 (PN 208049) in Canada)	155010			

## ELECTRICAL COMPONENTS—CONTINUED

Item No.	Component	Description	PN	Figure Reference
40	Thermostat*	Single-stage heat/cool, 24V snap-acting, 50–90°F, with fan auto/on and cool/off/heat switches, option CL1 or RCT1	255350	Figure 7
		Two-stage heat/cool, 24V digital, 40–90°F, with fan auto/on function, options CL22 and RCT2	220630	
		Electronic modulating room override, 60–85°F, low voltage for makeup air, as option CL9	24857	
		Single-stage heat/cool, 24V programmable, 45–88°F, with fan auto/on and cool/off/heat, options CL52 and RCT9	220632	
		Electronic, two-stage heat/cool, 24V programmable, options CL33 and RCT5	221038	
41	Remote console**	10-1/16 × 6-5/8 × 2-5/8 (refer to <a href="#">Table 9</a> )	107010	
		15-1/16 × 6-5/8 × 2-5/8 (refer to <a href="#">Table 9</a> )	107011	
41A	Mounting ring***	For 10-1/16-inch-long box (refer to <a href="#">Table 9</a> )	107014	
		For 15-1/16-inch-long box (refer to <a href="#">Table 9</a> )	107015	
42	Indicator light	For red lens (Solico #5TD1L-R-B5) (refer to <a href="#">Table 9</a> )	101889	
43	Control switch	SPDT (Cutler Hammer #7505K6) (refer to <a href="#">Table 9</a> )	101901	
		DPDT (Cutler Hammer #7561K6) (refer to <a href="#">Table 9</a> )	101900	
44	Thermostat	Single-stage heating	255350	—
		Two-stage heating	220630	
		Single-stage heating/cooling	220632	
		Two-stage heating/cooling	221038	
45	Potentiometer		16110	
46A		Console box	107010	Figure 7
46B	Special manifold (Illinois School Code, option BM12)	Light	101889	
46C		Switch, pushbutton, alarm silencing	110130	
46D		Alarm bell, 24V (Adaptable Edwards #340-465)	110131	
46E		Relay, SPDT, if replacement is required, order replacement kit <a href="#">263527</a> (see <a href="#">Figure 14</a> )	—	
46F		Relay, SPST, if replacement is required, order replacement kit <a href="#">263527</a> (see <a href="#">Figure 14</a> )	—	
47	Relay	RBM, for option BM13, order replacement kit <a href="#">263527</a>	—	

\*Available in CL option (wall-mounted) or RCT option (mounted on the remote console).

\*\*Optional; made of 16-gauge steel with knockout holes for field wiring and plastic cover with custom engraving.

\*\*\*Allows the remote console box (item 46A) to be either recessed or wall-mounted. Subtract 5/8 inch from length and 1 inch from height when recessing console (not using wall-mounting ring).

Date of Manufacture	Furnace	High Temperature Limit	Unit Size		
			400	500, 600, 800	1050, 1200
			Limit Control PN (Limit Shield PN)		
<i>Before</i> JAN 1997	#1	125°F	—		50417
		145°F	50418 (12229)		
	#2	155°F	—		19080 (9704)
		170°F	—	57953	—
		170°F	—		57953
<i>After</i> DEC 1996	#1	125°F	—		50417
		145°F	50418		
		—	148588*	—	
	#2	145°F	—		50418
		170°F	—		57953
		—	—		148588*
	#3	170°F	—		57953
		—	—		148588*
<b>Key:</b>		<b>BL Blower Cabinet Air Flow</b> 	<b>Furnace #1</b>	<b>Furnace #2</b>	<b>Furnace #3</b>

\*Manufacturer's model = #10HG11.





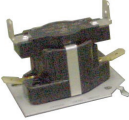
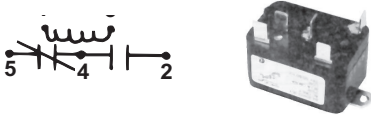
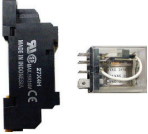






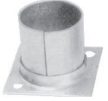

Table 8. Transformers (Item 37)				
kVA	Primary			
	200/208	220/240/440/480	277	575
0.25	19807	11279	—	113556
0.50	19808	11100	14993*	—
0.75	24453*	11217	14994*	
1.00	24454*	16065	14995*	
1.50	24455*	24392*	14996*	
2.00	24456*	26628*	14997*	
3.00	24465*	26630*	14998*	
5.00	24466*	26631*	15003*	

\*Special order item.

Table 9. Remote Console Options					
Component	Optional Control	Length	Height	Depth	RC Option
		Inches*			
Item 41: remote console	Without	10-3/4	6-5/8	2-5/8	RC1 through RC12
	With				RC1, RC2, RC3, RC4, RC5, RC6, RC9 RC7, RC8, RC10, RC12
	With and without				RC11
Component	Function	Description		RC Option	
Item 42: indicator light	Blower ON	Illuminates when blower is operating		RC1 through RC12	
	Burner ON	Illuminates when burners are lit			
	Dirty filter	Illuminates when pressure switch indicates that filters need to be cleaned or replaced		RC2, RC4, RC6, RC8, RC12	
	Cooling	Illuminates when cooling system is operating		RC7, RC9, RC11, RC12	
Item 43: control switch	ON/OFF	ON position energizes unit for <b>thermostat</b> control		RC3, RC4, RC7, RC8, RC11, RC12	
		OFF position deenergizes unit and closes optional automatically-controlled outside air dampers			
	Summer/Winter/OFF	<b>Summer</b> position energizes blower only		RC5, RC6, RC10	
		<b>Winter</b> position energizes unit for <b>thermostat</b> control			
	Heat/Vent/Cool	OFF position deenergizes unit and closes optional automatically-controlled outside air dampers		RC7, RC8, RC11, RC12	
		<b>Heat</b> position energizes unit for <b>thermostat</b> control			
<b>Vent</b> position energizes blower and opens automatically-controlled outside air dampers					
	<b>Cool</b> position energizes blower, dampers, and cooling unit				

\*Dimensions shown are for wall-mounted box. For recessed mounting, subtract 5/8 inch from length and 1 inch from height (not using mounting ring, item 41A).

## ELECTRICAL COMPONENTS—CONTINUED

<p><b>Item 1: Terminal Block</b></p>  <p><b>Item 1A: Terminal Block Adapter</b></p> 	<p><b>Item 2: Control/Damper Transformer</b></p> 	<p><b>Item 3: Time Delay Relay</b></p> 
<p><b>Item 4: Time Delay Relay</b></p> 	<p><b>Item 5: RBM Relay</b></p> 	<p><b>Item 6: Relay</b></p> 
<p><b>Item 7: Time Delay Relay</b></p> 	<p><b>Item 8: Time Delay Relay</b></p> 	<p><b>Item 9: Limit Control</b></p>  <p><b>Item 9A: Limit Control Shield</b></p> 
<p><b>Item 10: Limit Control</b></p> 	<p><b>TOD #60T11</b></p>	<p><b>TOD #10HG11</b></p> 
<p><b>Item 10A: Limit Shield</b></p> 	<p><b>PN 12229</b></p>	<p><b>PN 9704</b></p> 

**Figure 4. Individual Electrical Components—Items 1 Through 10A (Refer to [Table 6](#) and [Table 7](#))**

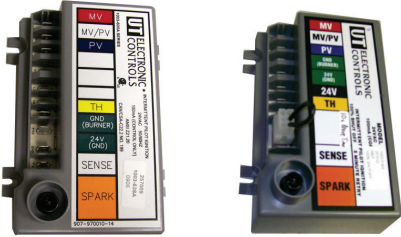



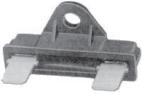


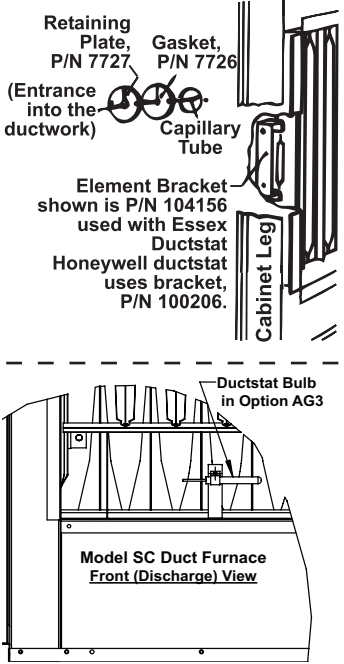

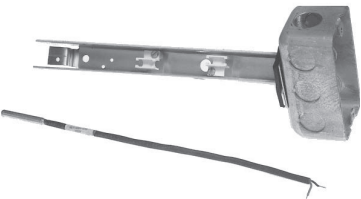
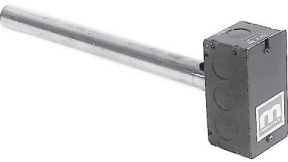
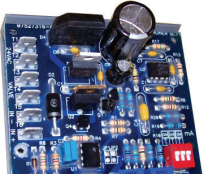


<p>Item 11: Ignition Controller</p>	 <p>PN 257009      PN 257010</p>	<p>Item 12: Combustion Air Pressure Switch</p> 
<p>Item 14: Blower Air Flow Switch</p> 	<p>Item 15: Summer/Winter Switch</p> 	<p>Item 13: ECO Device</p> 
<p>Item 17: Freezestat</p>  <p>Bulb Clamp</p>	<p>Item 18: Two-Stage Ductstat</p> 	 <p>Retaining Plate, P/N 7727</p> <p>Gasket, P/N 7726</p> <p>(Entrance into the ductwork)</p> <p>Capillary Tube</p> <p>Element Bracket shown is P/N 104156 used with Essex Ductstat</p> <p>Honeywell ductstat uses bracket, P/N 100206.</p> <p>Cabinet Leg</p> <p>Ductstat Bulb in Option AG3</p> <p>Model SC Duct Furnace Front (Discharge) View</p>
<p>Item 19: Remote Ductstat Module</p> <p>A = Ductstat Temperature Selector Module</p> <p>B = Stage Adder Module</p> <p>C = Digital Temperature Display Module</p> 	<p>Item 20: Ductstat Sensor and Holder</p> 	<p>Item 21: Discharge Sensor</p> 
<p>Item 22: Signal Conditioner</p> 	<p>Item 23: Fuse</p> <p>Item 23A: Fuse Holder</p> 	<p>Item 24: Convenience Outlet Receptacle</p> 

Figure 5. Individual Electrical Components—Items 11 Through 24 (Refer to Table 6 and Table 7)

## ELECTRICAL COMPONENTS—CONTINUED










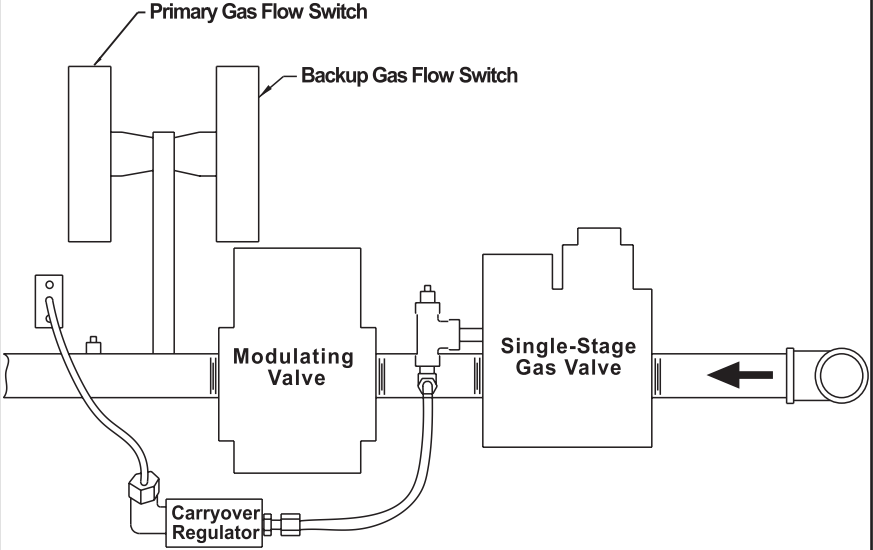



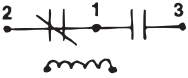




<p><b>Item 25: Motor Contactor</b></p> 	<p><b>Item 26: Temperature Control</b></p> 	<p><b>Item 29: Remote Temperature Selector</b></p>  <p style="text-align: center;">PN 48042</p>  <p style="text-align: center;">PN 174849</p>
<p><b>Items 27 and 27A: Reverse Flow Limit and Bracket</b></p> 	<p><b>Item 28: Amplifier</b></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>PN 260863</p> </div> <div style="text-align: center;">  <p>PN 260864</p> </div> <div style="text-align: center;">  <p>PN 174848</p> </div> </div>	
<p><b>Item 30: Gas Pressure Switch, Low Pressure, Natural Gas</b></p> 	<p><b>Item 33: Gas Flow Switch</b></p> 	
<p><b>Item 31: Gas Pressure Switch, Low Pressure, Propane</b></p>		
<p><b>Item 32: Gas Pressure Switch, High Pressure</b></p>  <p><b>Vent Limiter</b></p>  <p><b>Bracket</b></p> 		
<p><b>Item 34: Speed Selector Relay</b></p>  	<p><b>Item 35: Control and Damper Transformer</b></p> 	
<p><b>Item 36: Dirty Filter Pressure Switch</b></p> 	<p><b>Item 37: Transformer</b></p> 	

Figure 6. Individual Electrical Components—Items 25 Through 37 (Refer to [Table 6](#) and [Table 7](#))

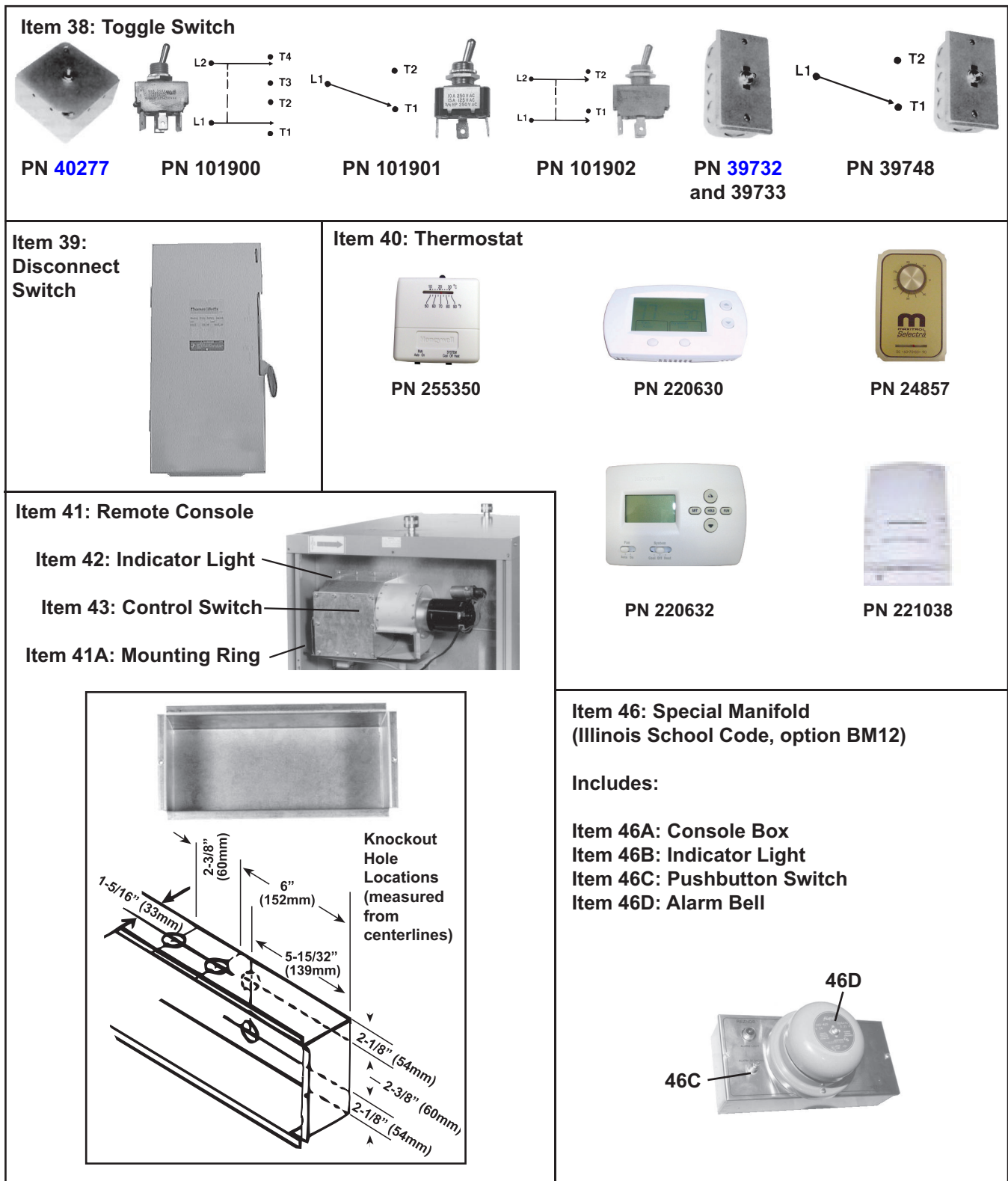
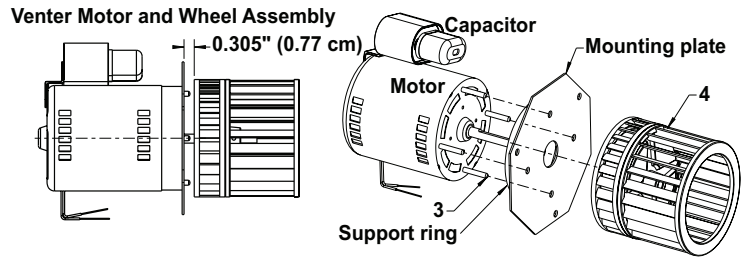


Figure 7. Individual Electrical Components—Items 38 Through 46 (Refer to Table 6 and Table 7)

## VENTER AND FLUE DUCT COMPONENTS

**Applies to all units**

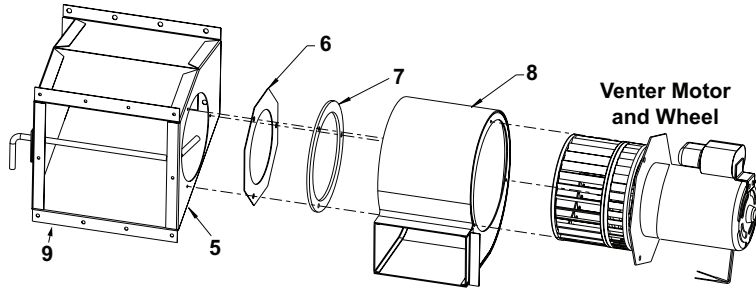


**Applies to:**

1) SC/SCE units *without* 20–100% electronic modulation option AG39 or AG40

2) SSCBL units *without* option AG41 or AG42

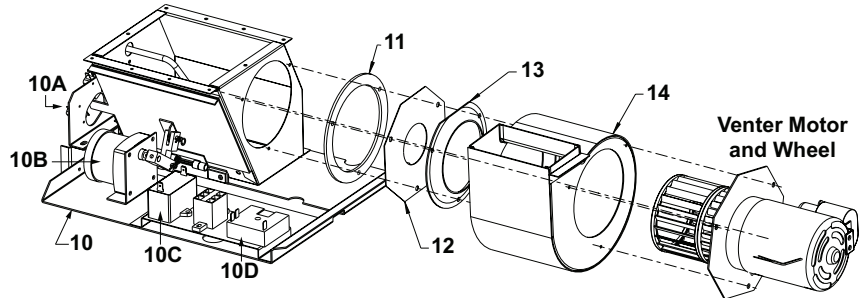
3) Second and third furnaces in SSCBL unit *with* option AG41 or AG42



**Applies to:**

1) Single furnace *with* 20–100% electronic modulation option AG39 or AG40

2) First furnace in multiple-furnace units *with* option AG41 or AG42



**Figure 8. Venter Motor and Wheel Assembly with Flue Duct Components (Refer to [Table 10](#))**



**Table 10. Venter and Flue Duct Components**

Item No.	Component	Description	Unit Size (Model SSCBL)											
			—							500	600	700, 1050	400, 800, 1200	
			Unit Size (Models SC and SCE)											
			100	125	150	175	200	225	250	300	350	400		
PN (Quantity)*														
1	Venter motor and capacitor	115V (option AK1)	163891 (replaces 131410)											
		208/230V (option AK2, AK3, AK5, or AK6)	163892 (replaces 131415)											
		460V (option AK 7 or AK9)	163893 (replaces 165986)											
2	Mounting plate assembly	For venter motor	125344							125345				
		Plate	125347							125348				
		Support ring	125346							125346				
3	Nut	Keps	31522 (4)											
4	Wheel	Venter	43425							43814				
5	Flue duct	With sensing tube	125341											
6	Venter restrictor plate	With aluminized heat exchanger	125855	125856	125857	125858	125859	68386	68388	43259	43260	68399		
		With stainless steel heat exchanger	125855	43254	125857	43257	125859	43258	68388	68392	125862	125863		
7	Gasket	Venter	44695											
8	Housing	Venter	68380							68397				
9	Cover plate	Flue duct	41995											
9A	Gasket (not shown)		41996											
10	Restrictor and gear motor**	Flue duct, includes 80 A, B, C, D	208474							208475				
10A	End switch**		174812 (2)							174812 (2)				
10B	Gear motor**		206144											
10C	Capacitor**	Gear motor	217031											
10D	Relay**	Time delay	206146											
11	Gasket		44695											
12	Restrictor plate	Venter	175786	68388	68386	68390	43260	175787	43260	—	—			
13	Inlet ring		—							62594				
14	Housing assembly		68380											
15	Gear motor replacement kit (not shown)	To replace solenoid actuator	208474							208475				
16	Replacement solenoid actuator (not shown)***	460V	208474 (replaces 174847)							208475 (replaces 174847)				
		208/230V	208474 (replaces 174846)							208475 (replaces 174846)				
		115V	208474 (replaces 174814)							208475 (replaces 174814)				

\*Quantity is one (1) unless otherwise indicated.

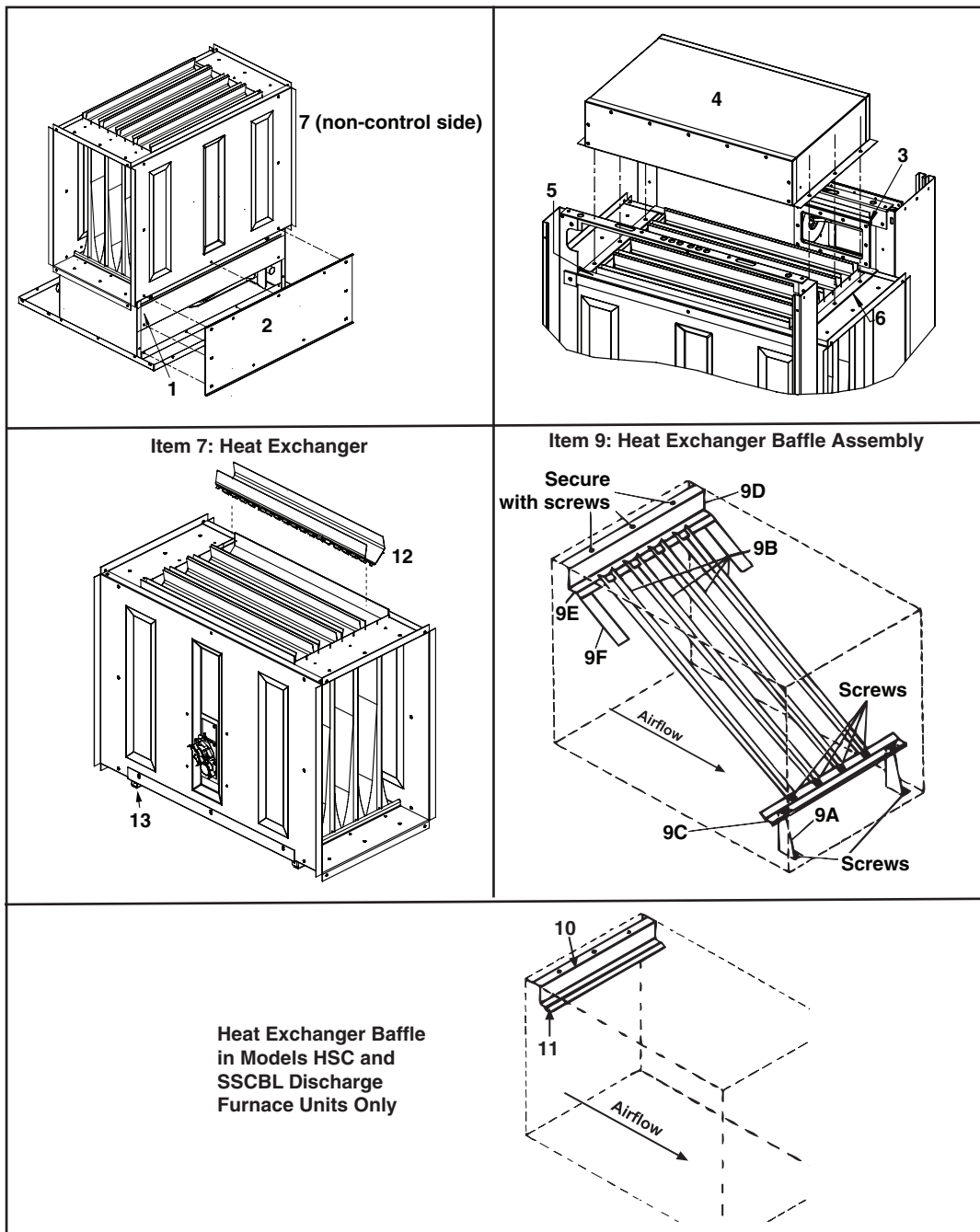
\*\*For models SC and SCE with option AG39 or AG40 and model SSCBL (first furnace) with option AG41 or AG42 manufactured **after** OCT 2003.

\*\*\*For models SC and SCE with option AG39 or AG40 and model SSCBL with option AG41 or AG42 manufactured **before** NOV 2003.

## INTERIOR CABINET AND HEAT EXCHANGER COMPONENTS

### NOTE:

- All models have one heat exchanger (item 7) per furnace section.
- Directional air baffles (item 9) cannot be installed in the replacement heat exchanger at the factory. They must be ordered separately and installed in the field.
- Model SC is equipped with a heat exchanger directional air baffle assembly (item 9) as shown in [Figure 9](#). When replacing a heat exchanger, check to see if the baffle assembly can be salvaged. If the baffle assembly cannot be salvaged, order and install a replacement.
- Model HSC and the discharge furnace only on model SSCBL are equipped only with a rear top baffle support (item 10) and a rear top baffle (item 11). If these parts cannot be salvaged, order and install replacements.



**Figure 9. Interior Cabinet and Heat Exchanger Components (Refer to [Table 11](#))**

**Table 11. Interior Cabinet and Heat Exchanger Components**

Item No.	Component	Description	Unit Size (Model SSCBL)						
			—			500, 600	700, 1050	400, 800, 1200	
			Unit Size (Model SC/SCE)						
			100	125	150, 175	200, 225	250, 300	350	400
PN (Quantity)*									
1	Back brace	Burner rack	9525						
2	Seal plate	Rear	38616						
3	Gasket	Outlet duct	31900 (2)						
4	Flue collection box assembly		125264	125265	125266	125274	125275	125276	125469
5		Side	62933 (2)						
6	Gasket	Front	62921	62922	62924	62926	62928	62930	62932
		Rear							
7	Heat exchanger	Aluminized steel	44301	44304	44307	44310	44313	44316	44319
		Stainless steel (409)	44302	44305	44308	44311	44314	44317	44320
8	Gasket** (not shown)	Heat exchanger	62921 (2)	62932 (2)					
9	Baffle assembly		62933 (2)						
9A	Support bracket	Finger baffle	55101 (2)				55101 (4)		
9B	Finger baffle		45399 (3)	45399 (4)	45399 (6)	45399 (8)	45399 (11)	45399 (13)	45399 (15)
9C	Baffle support	Bottom	46478	46484	46489	46494	46499	46504	46509
9D		Rear top	55103	55104	55106	55108	55110	55112	55114
9E	Baffle	Rear top	55116	55117	55119	55121	55123	55125	55127
9F	Finger baffle	Side	55128 (2)						
10	Baffle support***	Heat exchanger, rear top	55103	55104	55106	55108	55110	55112	55114
11	Baffle***		55228	55229	55231	55233	55235	55237	55239
12	Heat exchanger tube baffle	"V" with turbulators	125170 (4)	125170 (5)	125170 (7)	125170 (9)	125170 (12)	125170 (14)	125170 (16)
13	Slide rail	Burner rack	9897 (2)	9857 (2)	9819 (2)	9781 (2)	9745 (2)	9709 (2)	9517 (2)

\*Quantity is one (1) unless otherwise indicated.

\*\*Replacement gaskets (item 8) are required with a replacement heat exchanger (item 7).

\*\*\*Models HSC and SSCBL discharge furnace units only.

## BURNER RACK COMPONENTS

### NOTE:

- All models have one burner rack (item 1) per furnace section. The regulated carryover assembly (item 11) is used for all propane burner racks.
- The series 6 *natural gas* burner rack has two flash carryovers (one on each end). Series 6 natural gas units do not have a carryover lighter tube except for heaters with 20–100% modulation (option AG39, AG40, AG41, or AG42). The series 6 *propane* gas burner rack has air shutters and a regulated carryover with carryover tube and drip shield. Its flash carryover is on the end opposite the orifices.
- For further information on gas valves, refer to form P-VALVES listed in Table 1. Electric gas valves are identified from the heater serial No. (refer to SERIAL NUMBERS section).

## BURNER RACK COMPONENTS—CONTINUED


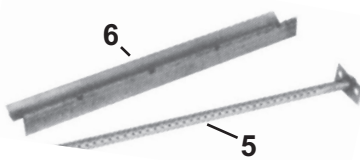
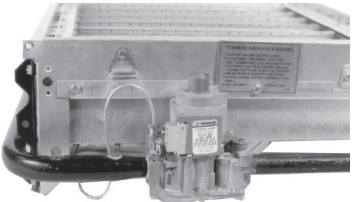
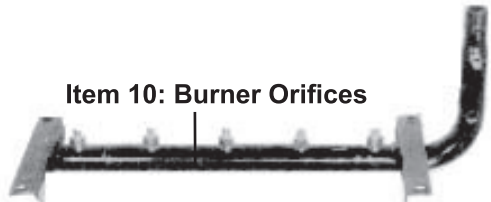
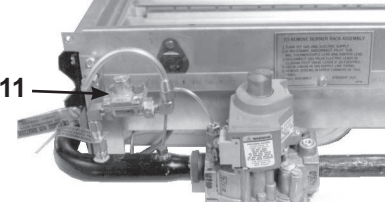
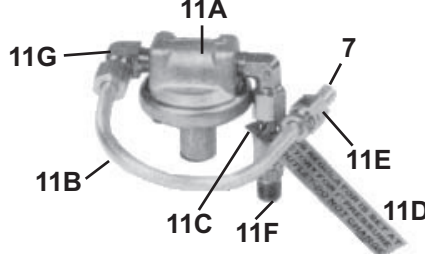
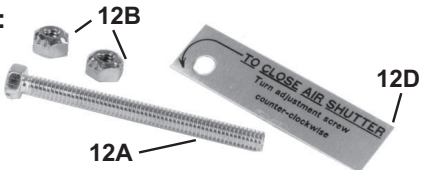




<p><b>Item 1: Burner Rack</b></p> 	<p><b>Item 5: Carryover Lighter Tube</b></p> <p><b>Item 6: Drip Shield</b></p> 	
<p><b>Series 6 Natural Gas Burner Rack</b></p>  <p style="text-align: center;"><b>Gas Valve</b></p>	<p><b>Item 9: Manifold</b></p> <p><b>Item 10: Burner Orifices</b></p> 	
<p><b>Series 6 Propane Gas Burner Rack</b></p>  <p style="text-align: center;"><b>Gas Valve</b></p>	<p><b>Item 11: Regulated Carryover Assembly</b></p> 	
<p><b>Items 12A–12D: Air Shutter Hardware for Propane Burner Rack</b></p> 	<p><b>Item 13: Carryover Regulator</b></p> 	
<p><b>Item 14: Manual Gas Valve</b></p>  <p><b>PN 196910 or 196911</b>      <b>PN 159725 or 159729</b></p>	<p><b>Item 14A: Ball Valve Adapter</b></p> 	<p><b>Item 15: Pilot Shutoff Valve</b></p> 

Figure 10. Burner Rack Components (Refer to [Table 12](#) and [Table 13](#))

**Table 12. Burner Rack Components**

Item No.	Component	Description	Unit Size (Model SSCBL)								
			—				500, 600	700, 1050	400, 800, 1200		
			Unit Size (Model SC/SCE)								
			100	125	150, 175	200, 225	250, 300	350	400		
PN (Quantity)*											
1	Burner rack, includes main burners, two flash carryovers, aeration panel, burner rack skirt, and auxiliary sensing probe	Natural gas, aluminized steel	125287	125288	125289	125290	125291	125292	125293		
		Natural gas, stainless steel	131995	131996	131997	131998	131999	132000	132001		
	Burner rack, includes main burners, one flash carryover, aeration panel, regulated carryover lighter tube, air shutters, burner rack skirt, and auxiliary sensing probe	Propane, aluminized steel	125698	73749	73751	73754	73757	73760	73762		
		Propane, stainless steel	132067	132068	132069	132070	132071	—	132072		
Natural gas, stainless steel**	132073										
2	Main burner tube (not shown)	Aluminized	85218 (4)	85218 (5)	85218 (7)	85218 (9)	85218 (12)	85218 (14)	85218 (16)		
		Stainless steel	87954 (4)	87954 (5)	87954 (7)	87954 (9)	87954 (12)	87954 (14)	87954 (16)		
3	Flash carryover, one-piece (not shown)	Series 6 propane and all series 3 and 5	63128	63131	63138	—					
		Series 6 natural gas	63128 (2)	63131 (2)	63138 (2)	—					
4	Flash carryover (not shown)	Right section	—			63148	63141	63148	63152		
		Left section	—					63144			
		Center section	—				63156	68071			
5	Carryover lighter tube	Series 6 propane only	9899	9859	9821	9783	9747	9711	9520		
6	Drip shield	Carryover lighter tube, series 6 propane only	15015	15014	15013	15012	15011	15010	14957		
7	Carryover orifice	Refer to Table 13									
8	Isinglass (not shown)	Burner rack	10756 (2)								
9	Manifold	Less orifices	86338	86339	86340	86342	86343	86344	86345		
10	Burner orifice	Refer to Table 13									
11	Regulated carryover assembly	Propane	100712								
11A	Carryover regulator	Maxitrol RV-12, propane	11294								
11B	Carryover regulator tubing	1/4 x 5-1/2 inches long, propane	9681								
11C		1/4 x 1-1/4 inches long, propane	11892								
11D	Tag	Carryover regulator, propane	11935								
11E	Carryover regulator fitting	Compression fitting, propane	9664								
11F		Regulator to manifold, propane	1436								
11G		90-degree brass elbow, propane	18224 (2)								
12A	Adjustment screw	Air shutter, 1/4-20 x 2-1/2 inches long	10653								
12B	Nut	Air shutter adjustment screw, 1/4-20	10650								
12C	Slide tinnerman nut (not shown)	Air shutter, 1/4-20 (not illustrated)	10651								
12D	Instruction tag	Air shutter adjustment	11934								
13	Carryover regulator	For option AG39 or AG40 or for first furnace of model SSCBL units with option AG41 or AG42	11294								
14	Manual gas valve, 1/2-inch	Shutoff, aluminum	196910								
	Union	1/2-inch	15971								
	Manual gas valve, 3/4-inch	Shutoff, aluminum	196911								
	Union	3/4-inch	15972								
	Manual gas valve, 1-inch	125 psig	159725								
Manual gas valve, 1-1/4-inch	159729										
14A	Ball valve adapter	1/2-inch	120373								
		3/4-inch	120169								
		1-inch	110758								
		1-1/4-inch	110759								
15	Shutoff valve	Pilot	3284								

\*Quantity is one (1) unless otherwise indicated.

\*\*For model SC, SCE, or SSCBL with option AG39 or AG40.

## BURNER RACK COMPONENTS—CONTINUED

Table 13. Carryover and Burner Orifices (Sea Level)													
Item No.*	Component	Description	PN and Drill Size	Unit Size (Model SSCBL)									
				—						500	600	700, 1050	400, 800, 1200
				Unit Size (Model SC/SCE)									
100	125	150	175	200	225	250	300	350	400				
7	Carryover orifice	Natural gas**	PN***	9870			9680			10370		—	9791
			Drill	(70)			(65)			(59)			(56)
		Propane (all models)	PN***	9870			9680			10370		38274	
			Drill	(70)			(65)			(59)		(57)	
10	Burner orifice	Natural gas	PN***	11792 (4)	84437 (5)	11833 (7)	84437 (7)	11828 (9)	84437 (9)	11833 (12)	84437 (12)	84437 (14)	84437 (16)
			Drill	#41	#42	#44	#42	#43	#42	#44	#42	#42	#42
		Propane	PN***	61652 (4)	61652 (5)	11830 (7)	61652 (7)	11830 (9)	61652 (9)	11830 (12)	61652 (12)	61652 (14)	61652 (16)
			Drill	1.45 mm	1.45 mm	#55	1.45 mm	#55	1.45 mm	#55	1.45 mm	1.45 mm	1.45 mm

\*Refer also to [Table 12](#).  
 \*\*Used on units with option AG39 or AG40 or first furnace of model SSCBL with option AG41 or AG42.  
 \*\*\*Quantity is one (1) unless otherwise indicated.

## PILOT COMPONENTS

### NOTE:

- A vertical spark pilot (see [Figure 11](#)) is available for series 6 models SC, SCA, SCB, and SCE and SSCBL.
- A horizontal spark pilot (see [Figure 12](#)) is available for models prior to series 6 for models SC, SCA, SCB, and SCE and SSCBL. Instructions follow (see [Figure 13](#)) for connecting the ignitor lead to model G60 or G67 ignition controllers using a terminal connector and a protective boot (items 4 and 5, refer to [Table 15](#)).

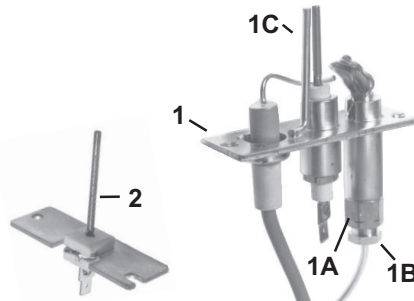


Figure 11. Vertical Spark Pilot (Refer to [Table 14](#))

Table 14. Vertical Spark Pilot Replacement Kit Components					
Replacement Kit PN		Item No.	Component	Description	PN
Natural Gas	Propane				
131457	131458	1	Pilot assembly	Natural gas, with orifice, pilot tubing, and flame probe (J/C J981HKW 9731-713), less flame sensor lead and fitting	125251
				Propane, with orifice, pilot tubing, and flame probe (J/C J981HKW 9715-413), less flame sensor lead and fitting	125671
		1A	Orifice	Natural gas, #9731-713 (brass)	103034
				Propane, #9715-413 (black)	126024
		1B	Tubing	Pilot, 1/8 OD x 18 inches long (J/C #B10499-995-11)	98698
		1C	Probe	Flame (J/C Y75AA-2)	126104
		2	Probe	Flame, auxiliary, with bracket (J/C Y75 GB-1)	126101
		3	Lead (not shown)	Flame sensor, 18-gauge x 14-inch, 150°C, quantity two (2)	125401
4	Fitting (not shown)	Compression, FTG75, two (2) required when replacing pilot tubing	97572		

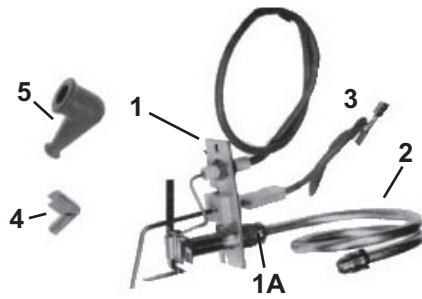


Figure 12. Horizontal Spark Pilot (Refer to Table 15)

Replacement Kit PN		Item No.	Component	Description	PN
Natural Gas	Propane				
110861	110862	1	Pilot assembly	Natural gas, with orifice, high tension lead, and flame probe, less pilot tubing and sensor lead	61145
				Propane, with orifice, high tension lead, and flame probe, less pilot tubing and sensor lead	61146
		1A	Orifice	Natural gas (7221)	63088
				Propane (4209)	37801
		2	Tubing	Pilot, 22 inches long	5145
				Nut	With breakaway ferrules, two (2) required
		3	Sensor lead	16 inches long	50450
4*	Terminal connector	Crimp-on, 90-degree (Rajah)	112647		
5*	Protective boot	90-degree	112648		

\*Effective with replacement pilots purchased **after** AUG 1991, the terminal connector (item 4) and protective boot (item 5) are required (in the kit or separately) on units equipped with a model G60 or G67BG-NG-2 ignition controller. Note that these parts are not required when the ignition controller is a model G67BG-5 or G770NGC-4.

Refer to **Figure 13** to connect the ignitor lead on replacement spark pilots to model G60 and G67 ignition controllers as follows. Item numbers in parentheses refer to **Figure 12** and **Table 15**.

1. Identify ignitor wire attached to pilot electrode and slip protective boot (5) onto wire.
2. Prepare terminal connector (4) for installation as follows:
  - a. Locate flat, triangular spike tab punched in metal on open leg of terminal connector (4).
  - b. Using tip of small, flat-tip screwdriver, force spike tab toward inside of terminal connector (4).
  - c. Straighten spike tab to vertical position.
3. Insert ignitor wire into open leg of terminal connector (4), to 90-degree bend. and push wire onto protruding spike tab, ensuring that tab penetrates wire insulation. Do not strip ignitor wire.
4. Using crimping tool or pliers, squeeze sides of terminal connector (4) to form C shape. Ignitor wire should now be firmly held by terminal connector.
5. Slide protective boot (5) over terminal connector (4).
6. While holding protective boot (5), connect terminal connector (4) to ignitor lead Rajah connector on model G60 or G67BG/NG-2 ignition controller.

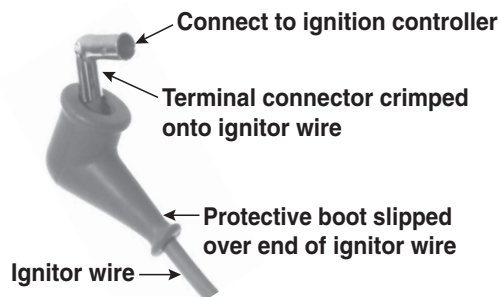


Figure 13. Connecting Ignitor Wire Using Protective Boot and Terminal Connector

## SPECIAL MANIFOLD COMPONENTS

### NOTE:

- The Illinois School Code manifold (option BM12) is no longer required but was available on model SCE Series 6 and model SSCBL.
- The IRI manifold (option BM13) applies to model SSCBL (unit sizes 1050 and 1200) and was discontinued in SEP 2003.
- The FM manifold (option BM14) is available on model SSCBL.
- Electrical components for options BM12 and BM13 are listed in [Table 6](#).
- Special manifold components are shown in [Figure 14](#) and listed in [Table 16](#).

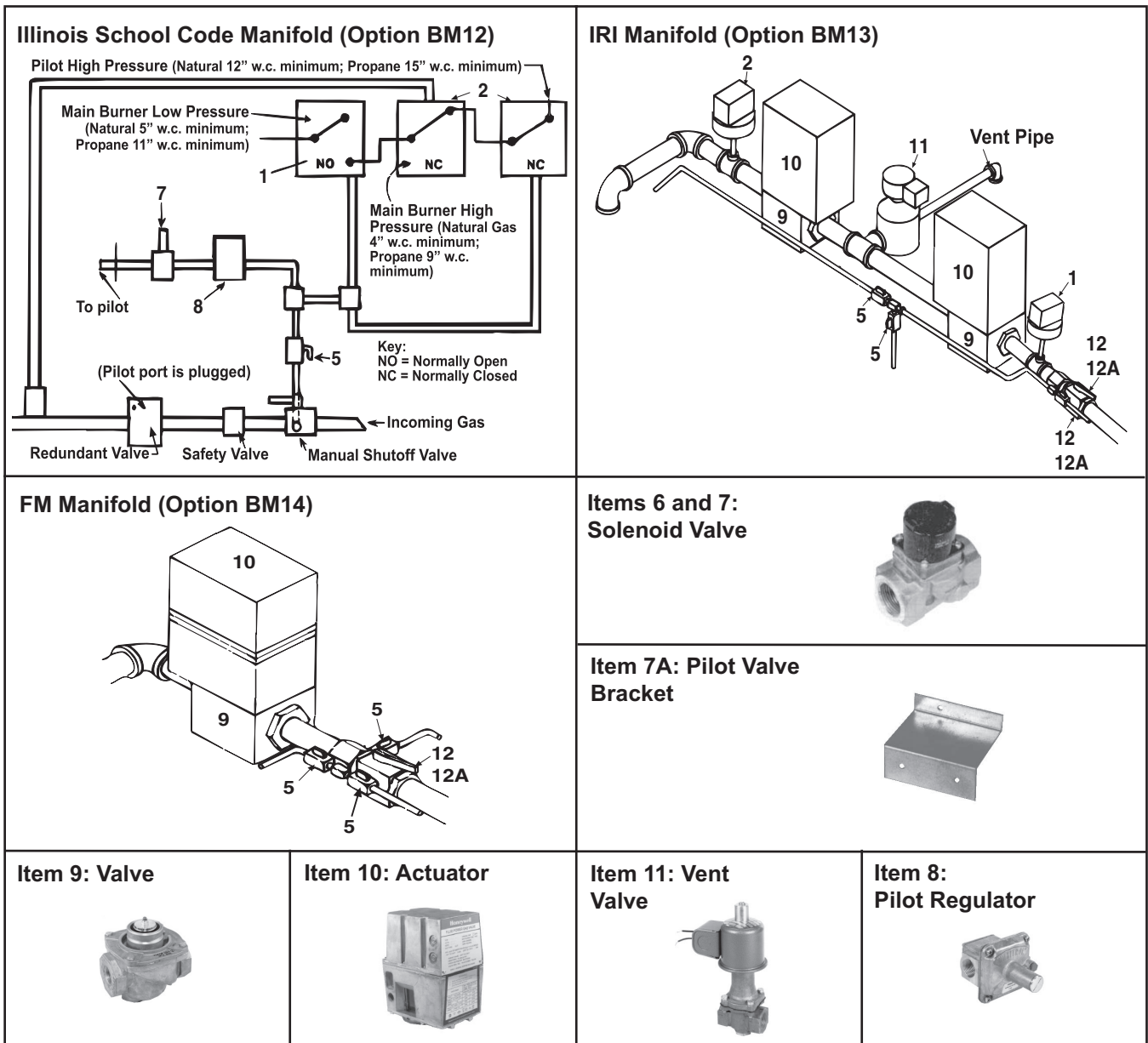


Figure 14. Special Manifold Components (Refer to [Table 16](#))



**Table 16. Special Manifold Components**

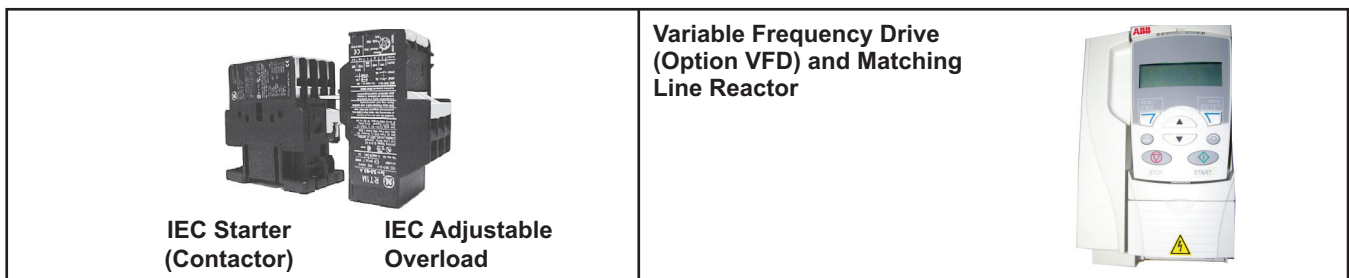
Item No.	Option	Component	Description	PN (Quantity)*	
1	BM12, BM13	Gas pressure switch	Low pressure, natural gas (listed in <a href="#">Table 6</a> )	<a href="#">93849</a>	
			Low pressure, propane (listed in <a href="#">Table 6</a> )	149176	
2	BM12		High pressure (listed in <a href="#">Table 6</a> )	<a href="#">93850</a> (2)	
	BM13		High pressure (listed in <a href="#">Table 6</a> )	<a href="#">93850</a>	
2A	BM12, BM13	Bracket (not shown)	Pressure switch, three to seven (3–7) required	<a href="#">100261</a> (3–7)	
3	BM12	Limiter (not shown)	Vent (Maxitrol #A1209) (listed in <a href="#">Table 6</a> )	123481	
	BM13			123481 (2)	
4	BM12	Gas valve (not shown)	Manual, one (1) per furnace required	Refer to item 14, <a href="#">Table 12</a>	
5	BM12, BM13, BM14	Pilot shutoff		Refer to item 15, <a href="#">Table 12</a>	
6	BM12	Safety solenoid valve	3/4-inch, one (1) per furnace required	<a href="#">88242</a>	
	—	Solenoid valve (not shown)	1-inch	<a href="#">112922</a>	
7	BM12	Pilot valve	Solenoid, 1/4-inch, one (1) per furnace required	<a href="#">25787</a>	
	BM13, BM14	Pilot valve (not shown)			
7A	BM12, BM14	Bracket (not shown)	Pilot valve	100262	
	BM13			100262 (2)	
8	BM12	Regulator	Pilot (Maxitrol #R400S)	86965	
	BM13	Regulator (not shown)		86965 (3)	
	BM14			86965	
8A	BM12, BM13, BM14	Pilot regulator spring	1-9/16–2 inches long, 1.0–3.5 IN WC pressure range, brown (Maxitrol #R400B10-13)	—	
			1-9/16–2 inches long, 2.0–5.0 IN WC pressure range, cadmium plate (Maxitrol #R400B10-25)		
			1-9/16–2 inches long, 3.0–6.0 IN WC pressure range, cadmium plate (Maxitrol #R400B10-36)		
			1-9/16–2 inches long, 3.0–8.0 IN WC pressure range, pink (Maxitrol #R400B10-38)		
9	BM13	Valve	Fluid power, 1-1/4-inch, natural gas or propane (M/H #V5055A1012)	89356 (2)	
	BM14		1-inch, natural gas or propane (M/H #V5055A1004)	89356	
	—		2-inch, natural gas or propane (M/H #V5055A1038)	86992	
				91079	
10	BM13	Valve actuator	Fluid power (M/H #V4055A1007)	86993 (2)	
	BM14			86993	
11	BM13	Vent valve	Solenoid (G/C #S262)	86996	
12	BM13	Shutoff valve	Manual, two (2) per furnace required	Refer to item 14, <a href="#">Table 12</a>	
	BM14		Manual, one (1) per furnace required		
12A	BM13	Adapter	Ball valve, two (2) per furnace required	Refer to item 14A, <a href="#">Table 12</a>	
	BM14		Ball valve, one (1) per furnace required		
13	BM13	Transformer (not shown)	230/460 to 115V, 0.5KVA	<a href="#">86997</a>	
14			208 to 115V, 0.5KVA	<a href="#">86998</a>	
15			208 to 115V, 250VA	86991	
16			BM13, BM14	230/460/575 to 115V, 300VA	<a href="#">105202</a>
17	BM13	Valve box (not shown)	Top	110194	
	BM14		110211		
18	BM13, BM14		Inlet side	110195	
			Plain side	110196	
20	BM13		Back	110197	
	BM14			110212	
21	BM13		Door (not shown)	Top	110198
	BM14			110213	
22	BM13	Bottom		110199	
	BM14			110214	

\*Quantity is one (1) unless otherwise indicated.

## BLOWER MOTORS, STARTERS, AND VARIABLE FREQUENCY DRIVES FOR UNITS MANUFACTURED *BEFORE* APR 2013

### NOTE:

- Variable frequency drives (option VFD) and their corresponding line reactors are shown in [Figure 15](#) and listed in [Table 17](#).
- Replacement motors are listed by type and horsepower for open-type motors, TEFC-type (totally-enclosed fan-cooled) motors, and EE-type (premium efficiency) motors. Highlighted motors in [Table 18](#), [Table 19](#), and [Table 20](#) do not have internal overload protection and must be used with the motor starter and overload listed. Refer to the wiring diagram for applicable AL and AN or VFD option codes.
- For motors with internal overloads, refer to item 25 in [Table 6](#) for option AN2, the standard motor contactor (PN [216386](#) for model SSCBL or PN [122376](#) for model SCE).
- Units with two-speed motors manufactured *after* AUG 1991, are equipped with IEC two-speed starters (contactors). When ordering a replacement IEC starter (refer to [Table 21](#)) or overload, check the manufacturer's number on both parts. If the number is different than that listed in [Table 18](#), [Table 19](#), or [Table 20](#), both components must be replaced. The IEC starter and overload (see [Figure 15](#)) are mounted on a rail (PN [111387](#)).
- Units with two-speed motors manufactured *before* SEP 1991, are equipped with NEMA starters. If replacing a NEMA starter with an IEC starter, refer to [Table 22](#) to replace the complete starter. The original box and cover may be used for the replacement IEC starter.
- Replacement holding coils for units manufactured *before* APR 2013 are listed in [Table 23](#).



**Figure 15. IEC Starter and Overload and Variable Frequency Drive**

Motor Horsepower	Drive and Line Reactor	V/PH/Hz													
		208/1/60 and 230/1/60		208/3/60 and 230/3/60			480/3/60			575/3/60					
		Open	TEFC	Open	TEFC	EE	Open	TEFC	EE	Open	TEFC	EE			
1/2	Drive	221600		221605			221612			—					
	Line reactor	<a href="#">221595</a>		221598			221590								
3/4	Drive	—		221606			221613								
	Line reactor	—		221598			221591								
1	Drive	221601		<a href="#">221607</a>			221614								
	Line reactor	<a href="#">221596</a>		<a href="#">221594</a>			<a href="#">221592</a>								
1-1/2	Drive	221602		<a href="#">221608</a>			221615								
	Line reactor	<a href="#">221597</a>		<a href="#">221595</a>			<a href="#">221593</a>								
2	Drive	221603		221609			221616						221855		
	Line reactor	<a href="#">221597</a>		<a href="#">221596</a>			<a href="#">221585</a>						Built-in		
3	Drive	221604		<a href="#">221610</a>			221617			221856					
	Line reactor	<a href="#">221599</a>		<a href="#">221597</a>			<a href="#">221586</a>			Built-in					
5	Drive	—		<a href="#">221611</a>			<a href="#">221618</a>			221857					
	Line reactor	—		<a href="#">221599</a>			<a href="#">221587</a>			Built-in					

**Table 18. Open-Type Motors by Motor Option and Starter  
(Units Manufactured Before APR 2013)**

HP	Option	Motor							Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/Phase	Frame Size	Service Factor	Power Factor	PN	MFR's Model	PN	MFR's Model	Min Amps	Max Amps	PN
1/4	AL2	BF2024	4.6	120/1	48/56	1.35	—	210611	CL00A310T-J	151146	RTA1-L	4.00	6.30	151191
		BF2024	2.3	208/1	48/56	1.15	63	210611	CL00A310T-L	151150	RTA1-J	1.90	2.70	151189
		BF2024	2.3	240/1	48/56	1.15	63	210611	CL00A310T-S	151147	RTA1-J	1.90	2.70	151189
		M3003	1.1	208/3	K48	1.35	72	115864	CL00A310T-L	151150	RTA1-G	1.00	1.50	151187
		M3003	1.4	240/3	K48	1.35	72	115864	CL00A310T-S	151147	RTA1-G	1.00	1.50	151187
		M3003	0.75	480/3	K48	1.35	72	115864	CL00A310T-U	151148	RTA1-F	0.65	1.10	151186
1/3	AL3	BF2034	6.0	120/1	48/56	1.35	—	202091	CL00A310T-J	151146	RTA1-L	4.00	6.30	151191
		BF2034	3.0	208/1	48/56	1.35	62.8	202091	CL00A310T-L	151150	RTA1-K	2.50	4.10	151190
		BF2034	3.0	240/1	48/56	1.35	62.8	202091	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
		M3007	1.4	208/3	K48	1.35	—	115863	CL00A310T-L	151150	RTA1-G	1.00	1.50	151187
		M3007	1.6	240/3	K48	1.35	—	115863	CL00A310T-S	151147	RTA1-H	1.30	1.90	151188
		M3007	0.8	480/3	K48	1.35	—	115863	CL00A310T-U	151148	RTA1-F	0.65	1.10	151186
1/2	AL4	BF2054	8.8	120/1	56Z	1.15	—	102627	CL00A310T-J	151146	RTA1-N	8.00	12.00	151193
		BF2054	5.1	208/1	56Z	1.15	—	102627	CL00A310T-L	151150	RTA1-L	4.00	6.30	151191
		BF2054	4.4	240/1	56Z	1.15	—	102627	CL00A310T-S	151147	RTA1-L	4.00	6.30	151191
		H880	2.5	208/3	LA56	1.25	—	159183	CL00A310T-L	151150	RTA1-J	1.90	2.70	151189
		H880	3.0	240/3	LA56	1.25	—	159183	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
		H880	1.5	480/3	LA56	1.25	—	159183	CL00A310T-U	151148	RTA1-H	1.30	1.90	151188
3/4	AL5	H991	0.9	575/3	H56	1.25	—	202089	CL00A310T-1	151275	RTA1-F	0.65	1.10	151186
		C426V1	11.0	120/1	B56	—	—	93548	CL01A310T-J	151151	RTA1-P	10.00	16.00	151194
		C426V1	5.5	208/1	B56	—	—	93548	CL00A310T-L	151150	RTA1-M	5.50	8.50	151192
		C426V1	5.4	240/1	B56	—	—	93548	CL00A310T-S	151147	RTA1-L	4.00	6.30	151191
		312P696	2.9	208/3	D56	1.25	—	36951	CL00A310T-L	151150	RTA1-K	2.50	4.10	151190
		312P696	2.6	240/3	D56	1.25	—	36951	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
1	AL6	312P696	1.3	480/3	D56	1.25	—	36951	CL00A310T-U	151148	RTA1-G	1.00	1.50	151187
		H992	1.0	575/3	H56	1.25	—	202090	CL00A310T-1	151275	RTA1-F	0.65	1.10	151186
		C523	13.0	120/1	H56	1.25	—	13685	CL01A310T-J	151151	RTA1-P	10.00	16.00	151194
		C523	7.5	208/1	H56	1.25	—	13685	CL00A310T-L	151150	RTA1-M	5.50	8.50	151192
		C523	6.5	240/1	H56	1.25	—	13685	CL00A310T-S	151147	RTA1-M	5.50	8.50	151192
		H882	3.7	208/3	H56	1.15	—	36580	CL00A310T-L	151150	RTA1-K	2.50	4.10	151190
1.5	AL7	H882	3.2	240/3	H56	1.15	—	36580	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
		H882	1.6	480/3	H56	1.15	—	36580	CL00A310T-U	151148	RTA1-H	1.30	1.90	151188
		E1006L	1.1	575/3	N143T	1.15	—	158175	CL00A310T-Y	151149	RTA1-G	1.00	1.50	151187
		C524	15.0	120/1	56	1.20	86.4	194202	CL02A310T-J	151156	RTA1-P	10.00	16.00	151194
		C524	7.8	208/1	56	1.20	86.4	194202	CL00A310T-L	151150	RTA1-M	5.50	8.50	151192
		C524	7.5	240/1	56	1.20	86.4	194202	CL00A310T-S	151147	RTA1-M	5.50	8.50	151192
2	AL8	H884L	5.6	208/3	F56	1.15	66.4	115859	CL00A310T-L	151150	RTA1-L	4.00	6.30	151191
		H884L	5.0	240/3	F56	1.15	66.4	115859	CL00A310T-S	151147	RTA1-L	4.00	6.30	151191
		H884L	2.8	480/3	F56	1.15	66.4	115859	CL00A310T-U	151148	RTA1-K	2.50	4.10	151190
		E1007	1.6	575/3	R145T	1.15	85.3	158162	CL00A310T-Y	151149	RTA1-H	1.30	1.90	151188
		RB1204AV1	24.6	120/1	56H	1.15	81.8	202581	CL25A310T-J	1024072	RTA1-T	17.50	22.00	151197
		RB1204AV1	12.3	208/1	56H	1.15	81.8	202581	CL01A310T-L	151155	RTA1-N	8.00	12.00	151193
3	AL9	RB1204AV1	12.3	240/1	56H	1.15	81.8	202581	CL01A310T-S	151152	RTA1-N	8.00	12.00	151193
		H886	7.0	208/3	56HZ	1.15	67	159327	CL00A310T-L	151150	RTA1-M	5.50	8.50	151192
		H886	6.6	240/3	56HZ	1.15	67	159327	CL00A310T-S	151147	RTA1-M	5.50	8.50	151192
		H886	3.5	480/3	56HZ	1.15	67	159327	CL00A310T-U	151148	RTA1-K	2.50	4.10	151190
		E1008	2.1	575/3	P145T	1.15	86	158176	CL00A310T-Y	151149	RTA1-J	1.90	2.70	151189
		B735	13.7	208/1	L56	1.15	94.5	111560	CL02A310T-L	151159	RTA1-P	10.00	16.00	151194
3	AL9	B735	12.4	240/1	L56	1.15	94.5	111560	CL01A310T-S	151152	RTA1-P	10.00	16.00	151194
		H845	9.0	208/3	P56HZ	1.15	—	159185	CL00A310T-L	151150	RTA1-N	8.00	12.00	151193
		H845	8.6	240/3	P56HZ	1.15	—	159185	CL00A310T-S	151147	RTA1-N	8.00	12.00	151193
		H845	4.3	480/3	P56HZ	1.15	—	159185	CL00A310T-U	151148	RTA1-L	4.00	6.30	151191
		H954	3.6	575/3	P145T	1.15	80.3	120019	CL00A310T-Y	151149	RTA1-K	2.50	4.10	151190

**BLOWER MOTORS, STARTERS, AND VARIABLE FREQUENCY DRIVES FOR UNITS  
MANUFACTURED *BEFORE* APR 2013—CONTINUED**

**Table 18. Open-Type Motors by Motor Option and Starter  
(Units Manufactured *Before* APR 2013)—Continued**

HP	Option	Motor							Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/Phase	Frame Size	Service Factor	Power Factor	PN	MFR's Model	PN	MFR's Model	Min Amps	Max Amps	PN
5	AL10	V211	28.3	208/1	L184T	1.15	79.2	111562	CL04A310M-L	151169	RTA1-V	25.00	32.00	151199
		V211	25.6	240/1	L184T	1.15	79.2	111562	CL04A310M-S	151166	RTA1-V	25.00	32.00	151199
		196033J	13.4	208/3	Y56HZ	1.15	87.2	113371	CL01A310T-L	151155	RTA1-P	10.00	16.00	151194
		196033J	13.2	240/3	Y56HZ	1.15	87.2	113371	CL01A310T-S	151152	RTA1-P	10.00	16.00	151194
		196033J	6.6	480/3	Y56HZ	1.15	87.2	113371	CL00A310T-U	151148	RTA1-M	5.50	8.50	151192
		H956	5.4	575/3	Y56HZ	1.15	85.9	120020	CL00A310T-Y	151149	RTA1-L	4.00	6.30	151191
7.5	AL11	V305	35.4	208/1	S215T	1.15	87.0	105828	CL06A311M-L	151173	RTA2-E	30.00	43.00	151206
		V305	32.0	240/1	S215T	1.15	87.0	105828	CL45A310M-S	151170	RTA1-V	25.00	32.00	151199
		M3311T	21.0	208/3	213T	1.15	82.5	105855	CL25A310T-L	1024076	RTA1-U	21.00	26.00	1024078
		M3311T	19.0	240/3	213T	1.15	82.5	105855	CL25A310T-S	1024073	RTA1-T	17.50	22.00	1024078
		M3311T	10.0	480/3	213T	1.15	82.5	105855	CL01A310T-U	151153	RTA1-N	8.00	12.00	151193
		M3311T-5	7.7	575/3	213T	1.15	86.5	158164	CL00A310T-Y	151149	RTA1-M	5.50	8.50	151192
10	AL12	V303	42.0	208/1	S215T	1.15	96.0	105830	CL06A311M-L	151173	RTA2-E	30.00	43.00	151206
		V303	38.0	240/1	S215T	1.15	96.0	105830	CL06A311M-S	151172	RTA2-E	30.00	43.00	151206
		M3313T	29.0	208/3	215T	1.15	85.5	105858	CL04A310M-L	151169	RTA1-V	25.00	32.00	151199
		M3313T	26.8	240/3	215T	1.15	85.5	105858	CL04A310M-S	151166	RTA1-V	25.00	32.00	151199
		M3313T	13.4	480/3	215T	1.15	85.5	105858	CL01A310T-U	151153	RTA1-P	10.00	16.00	151194
		M3313T-5	10.8	575/3	215T	1.15	81.0	158163	CL01A310T-Y	151154	RTA1-P	10.00	16.00	151194
15	AL15	FM2513T-8	43.1	208/3	254T	1.15	80.0	142287	CL06A311M-L	151173	RTA2-G	42.00	55.00	151202
		EHFM2523T	39.0	240/3	254T	1.15	80.0	142288	CL06A311M-S	151172	RTA2-E	30.00	43.00	151206
		EHFM2523T	19.5	480/3	254T	1.15	80.0	142288	CL25A310T-U	1024074	RTA1-T	17.50	22.00	1024078
		FM2513T-5	16.0	575/3	254T	1.15	80.0	142289	CL02A310T-Y	151158	RTA1-S	14.50	18.00	151196
20	AL16	FM2515T-8	58.7	208/3	256T	1.15	80.0	142295	CL07A311M-L	151176	RTA2-H	54.00	65.00	151203
		FM2515T	53.0	240/3	256T	1.15	81.0	142296	CL07A311M-S	151175	RTA2-G	42.00	55.00	151202
		FM2515T	26.5	480/3	256T	1.15	81.0	142296	CL04A310M-U	151167	RTA1-V	25.00	32.00	151199
		FM2515T-5	21.2	575/3	256T	1.15	80.0	142297	CL25A310T-Y	1024075	RTA1-T	17.50	22.00	1024078

**Table 19. TEFC Motors by Motor Option and Starter  
(Units Manufactured *Before* APR 2013)**

HP	Option	Motor							Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/Phase	Frame Size	Service Factor	Power Factor	PN	MFR's Model	PN	MFR's Model	Min Amps	Max Amps	PN
1/4	AL19	#904	3.8	120/1	M48	1.00	—	16074	CL00A310T-J	151146	RTA1-K	2.50	4.10	151190
		C199	2.0	208/1	H56	1.35	—	16074	CL00A310T-L	151150	RTA1-J	1.90	2.70	151189
		C199	1.9	240/1	H56	1.35	—	16074	CL00A310T-S	151147	RTA1-H	1.30	1.90	151188
		125439	1.6	208/3	B56	1.00	61.9	16075	CL00A310T-L	151150	RTA1-H	1.30	1.90	151188
		125439	1.4	240/3	B56	1.00	61.9	16075	CL00A310T-S	151147	RTA1-G	1.00	1.50	151187
		125439	0.7	480/3	B56	1.00	61.9	16075	CL00A310T-U	151148	RTA1-F	0.65	1.10	151186
1/3	AL20	#906L	4.6	120/1	N48	1.00	68.5	115861	CL00A310T-J	151146	RTA1-L	4.00	6.30	151191
		C151	2.3	208/1	N48	1.00	67.2	159501	CL00A310T-L	151150	RTA1-J	1.90	2.70	151189
		C151	2.4	240/1	N48	1.00	67.2	159501	CL00A310T-S	151147	RTA1-J	1.90	2.70	151189
		H261	1.2	208/3	L48	1.15	—	105567	CL00A310T-L	151150	RTA1-G	1.00	1.50	151187
		H261	1.2	240/3	L48	1.15	—	105567	CL00A310T-S	151147	RTA1-G	1.00	1.50	151187
		H261	0.6	480/3	L48	1.15	—	105567	CL00A310T-U	151148	RTA1-D	0.40	0.65	151184
1/2	AL21	C613	7.2	120/1	J56	1.15	—	159184	CL00A310T-J	151146	RTA1-M	5.50	8.50	151192
		C613	3.5	208/1	J56	1.15	—	159184	CL00A310T-L	151150	RTA1-K	2.50	4.10	151190
		C613	3.6	240/1	J56	1.15	—	159184	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
		H274	2.3	208/3	H56	1.00	59.5	16077	CL00A310T-L	151150	RTA1-J	1.90	2.70	151189
		H274	2.0	240/3	H56	1.00	59.5	16077	CL00A310T-S	151147	RTA1-J	1.90	2.70	151189
		H274	1.0	480/3	H56	1.00	59.5	16077	CL00A310T-U	151148	RTA1-F	0.65	1.10	151186
		H276	0.7	575/3	J56	1.15	76.4	105568	CL00A310T-Y	151149	RTA1-F	0.65	0.90	151186

**Table 19. TEFC Motors by Motor Option and Starter  
(Units Manufactured Before APR 2013)—Continued**

HP	Option	Motor							Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/Phase	Frame Size	Service Factor	Power Factor	PN	MFR's Model	PN	MFR's Model	Min Amps	Max Amps	PN
3/4	AL22	F353	11.0	120/1	F56	1.00	66.0	115860	CL01A310T-J	151151	RTA1-P	10.00	16.00	151194
		F353	5.4	208/1	F56	1.00	66.0	115860	CL00A310T-L	151150	RTA1-L	4.00	6.30	151191
		F353	5.5	240/1	F56	1.00	66.0	115860	CL00A310T-S	151147	RTA1-L	4.00	6.30	151191
		H580	2.0	208/3	KA56	1.00	73.5	20371	CL00A310T-L	151150	RTA1-J	1.90	2.70	151189
		H580	2.2	240/3	KA56	1.00	73.5	20371	CL00A310T-S	151147	RTA1-J	1.90	2.70	151189
		H580	1.1	480/3	KA56	1.00	73.5	20371	CL00A310T-U	151148	RTA1-G	1.00	1.50	151187
1	AL23	H461	0.8	575/3	L56	1.15	78.3	105569	CL00A310T-Y	151149	RTA1-F	0.65	1.10	151186
		159105	12.0	120/1	L56	1.15	74.3	174993	CL01A310T-J	151151	RTA1-P	10.00	16.00	151194
		159105	6.2	208/1	L56	1.15	74.3	174993	CL00A310T-S	151147	RTA1-M	5.50	8.50	151192
		159105	6.0	240/1	L56	1.15	74.3	174993	CL00A310T-S	151147	RTA1-M	5.50	8.50	151192
		H524	3.3	208/3	J56	1.00	74.4	16080	CL00A310T-L	151150	RTA1-K	2.50	4.10	151190
		H524	3.4	240/3	J56	1.00	74.4	16080	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
1.5	AL24	H524	1.7	480/3	J56	1.00	74.4	16080	CL00A310T-U	151148	RTA1-H	1.30	1.90	151188
		H525	1.4	575/3	H56	1.15	71.6	105570	CL00A310T-Y	151149	RTA1-G	1.00	1.50	151187
		C686	16.4	120/1	TK56H	—	—	94347	CL02A310T-J	151156	RTA1-S	14.50	18.00	151196
		C686	9.5	208/1	TK56H	—	—	94347	CL00A310T-L	151150	RTA1-N	8.00	12.00	151193
		C686	8.2	240/1	TK56H	—	—	94347	CL00A310T-S	151147	RTA1-N	8.00	12.00	151193
		H535	4.3	208/3	L56H	1.00	80.9	101286	CL00A310T-L	151150	RTA1-L	4.00	6.30	151191
2	AL25	H535	4.4	240/3	L56H	1.00	80.9	101286	CL00A310T-S	151147	RTA1-L	4.00	6.30	151191
		H535	2.2	480/3	L56H	1.00	80.9	101286	CL00A310T-U	151148	RTA1-J	1.90	2.70	151189
		E127	1.6	575/1	M145T	1.15	85.7	105665	CL00A310T-Y	151149	RTA1-H	1.30	1.90	151188
		C687	24.0	120/1	F182T	1.00	76.4	105572	CL04A310M-J	151165	RTA1-U	21.00	26.00	151198
		L3516TM	8.3	240/1	56HZ	1.00	76.4	205881	CL01A310T-S	151152	RTA1-P	10.00	16.00	151194
		M3587T	6.3	208/3	145T	1.15	77.5	158165	CL00A310T-L	151150	RTA1-M	5.50	8.50	151192
3	AL26	M3587T	5.8	240/3	145T	1.15	77.5	158165	CL00A310T-S	151147	RTA1-L	4.00	6.30	151191
		M3587T	2.9	480/3	145T	1.15	77.5	158165	CL00A310T-U	151148	RTA1-K	2.50	4.10	151190
		M3587T-5	2.2	575/3	145T	1.15	77.5	158166	CL00A310T-Y	151149	RTA1-J	1.90	2.70	151189
		K222	30.0	120/1	F184T	1.00	88.0	111564	CL04A310M-J	151165	RTA1-V	25.00	32.00	151199
		K222	15.0	240/1	F184T	1.00	88.0	111564	CL02A310T-S	151157	RTA1-P	10.00	16.00	151194
		M3559T	7.9	208/3	145T	1.15	—	159330	CL00A310T-L	151150	RTA1-M	5.50	8.50	151192
5	AL27	M3559T	7.2	240/3	145T	1.15	—	159330	CL00A310T-S	151147	RTA1-M	5.50	8.50	151192
		M3559T	3.6	480/3	145T	1.15	—	159330	CL00A310T-U	151148	RTA1-K	2.50	4.10	151190
		M3660T-5	3.0	575/3	182T	1.15	—	158168	CL00A310T-Y	151149	RTA1-K	2.50	4.10	151190
		K223	20.2	240/1	F184T	1.00	90.8	111567	CL04A310M-S	151166	RTA1-T	17.50	22.00	1024078
		M3663T	12.8	208/3	184T	1.15	—	155048	CL01A310T-L	151155	RTA1-S	14.50	18.00	151196
		M3663T	11.8	240/3	184T	1.15	—	155048	CL01A310T-S	151152	RTA1-P	10.00	16.00	151194
7.5	AL32	M3663T	5.9	480/3	184T	1.15	—	155048	CL00A310T-U	151148	RTA1-L	4.00	6.30	151191
		M3663T-5	4.8	575/3	184T	1.15	90.0	158170	CL00A310T-Y	151149	RTA1-L	4.00	6.30	151191
		K305	34.0	240/1	F215T	1.00	86.5	105842	CL45A310M-S	151170	RTA1-W	30.00	40.00	151200
		T4631	21.0	208/3	213T	1.15	83.1	158171	CL04A310M-L	151169	RTA1-U	21.00	26.00	151198
		T4631	19.0	240/3	213T	1.15	83.1	158171	CL25A310T-S	1024073	RTA1-T	17.50	22.00	1024078
		T4631	9.5	480/3	213T	1.15	83.1	158171	CL01A310T-U	151153	RTA1-N	8.00	12.00	151193
10	AL33	M3710T-5	8.1	575/3	213T	1.15	83.1	158172	CL00A310T-Y	151149	RTA1-M	5.50	8.50	151192
		K313	39.0	240/1	215T	1.00	96.5	105846	CL06A311M-S	151172	RTA2-E	30.00	43.00	151206
		M3774T	39.0	208/3	215T	1.15	85.0	158173	CL04A310M-L	151169	RTA1-V	25.00	32.00	151199
		M3774T	20.0	240/3	215T	1.15	85.0	158173	CL04A310M-S	151166	RTA1-U	21.00	26.00	151198
		M3774T	10.0	480/3	215T	1.15	85.0	158173	CL01A310T-U	151153	RTA1-P	10.00	16.00	151194
		M3774T-5	11.4	575/3	215T	1.15	85.0	158174	CL01A310T-Y	151154	RTA1-N	8.00	12.00	151193
15	AL34	E301M	38.0	240/3	254T	1.15	82.0	142443	CL06A311M-S	151172	RTA2-E	30.00	43.00	151206
		E301M	19.0	480/3	254T	1.15	82.0	142443	CL25A310T-U	1024074	RTA1-T	17.50	22.00	1024078
		FM2333-5	15.0	575/3	254T	1.15	82.0	142444	CL02A310T-Y	151158	RTA1-P	10.00	16.00	151194
20	AL35	FM2334T	52.0	240/3	256T	1.15	81.0	142301	CL07A311M-S	151175	RTA2-G	42.00	55.00	151202
		FM2334T	26.0	480/3	256T	1.15	81.0	142301	CL04A310M-U	151167	RTA1-V	25.00	32.00	151199
		FM2334T-5	20.6	575/3	256T	1.15	81.0	142302	CL25A310T-Y	1024075	RTA1-T	17.50	22.00	1024078

**BLOWER MOTORS, STARTERS, AND VARIABLE FREQUENCY DRIVES FOR UNITS  
MANUFACTURED *BEFORE* APR 2013—CONTINUED**

HP	Option	Motor							Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/Phase	Frame Size	Service Factor	Power Factor	PN	MFR's Model	PN	MFR's Model	Min Amps	Max Amps	PN
1	AL36	DHP0014	3.1	208/3	143T	1.15	83.5	159328	CL00A310T-L	151150	RTA1-K	2.50	4.10	151190
		DHP0014	2.8	240/3	143T	1.15	—	159328	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
		DHP0014	1.4	480/3	143T	1.15	—	159328	CL00A310T-U	151148	RTA1-G	1.00	1.50	151187
		E1006	1.1	575/3	N143T	1.15	—	158175	CL00A310T-Y	151149	RTA1-G	1.00	1.50	151187
1.5	AL37	E104	4.5	208/3	P145T	1.15	86.0	105662	CL00A310T-L	151150	RTA1-L	4.00	6.30	151191
		E1016	4.0	240/3	145T	1.15	—	159329	CL00A310T-S	151147	RTA1-K	2.50	4.10	151190
		E1016	2.0	480/3	145T	1.15	—	159329	CL00A310T-U	151148	RTA1-J	1.90	2.70	151189
		E1007	1.6	575/3	R145T	1.15	85.3	158162	CL00A310T-Y	151149	RTA1-H	1.30	1.90	151188
2	AL38	E105	6.1	208/3	P145T	1.15	86.8	105664	CL00A310T-L	151150	RTA1-L	4.00	6.30	151191
		E1017	5.6	240/3	145T	1.15	—	159027	CL00A310T-S	151147	RTA1-L	4.00	6.30	151191
		E1017	2.8	480/3	145T	1.15	—	159027	CL00A310T-U	151148	RTA1-K	2.50	4.10	151190
		E1008	2.1	575/3	P145T	1.15	86.0	158176	CL00A310T-Y	151149	RTA1-J	1.90	2.70	151189
3	AL39	35L405S489G3	8.3	208/3	145T	1.15	—	159186	CL00A310T-L	151150	RTA1-N	8.00	12.00	151193
		EM3158T	7.4	240/3	145T	—	—	159028	CL00A310T-S	151147	RTA1-M	5.50	8.50	151192
		EM3158T	3.7	480/3	145T	—	—	159028	CL00A310T-U	151148	RTA1-K	2.50	4.10	151190
		35L405S709G1	3.0	575/3	145T	1.15	—	159030	CL00A310T-Y	151149	RTA1-K	2.50	4.10	151190
5	AL40	E204	11.6	208/3	H182T	1.15	89.0	159029	CL02A310T-L	151159	RTA1-P	10.00	16.00	151194
		E204	11.6	240/3	H182T	1.15	89.0	159029	CL02A310T-S	151157	RTA1-P	10.00	16.00	151194
		E204	5.8	480/3	H182T	1.15	89.0	159029	CL00A310T-U	151148	RTA1-M	5.50	8.50	151192
		M3613T-5	4.8	575/3	184T	1.15	—	111602	CL00A310T-Y	151149	RTA1-L	4.00	6.30	151191
7.5	AL41	E316	21.4	208/3	D213T	1.15	82.0	159331	CL04A310M-L	151169	RTA1-U	21.00	26.00	151198
		E317	18.6	240/3	D213T	1.15	82.0	159332	CL25A310T-S	1024073	RTA1-T	17.50	22.00	1024078
		E317	9.3	480/3	D213T	1.15	82.0	159332	CL00A310T-U	151148	RTA1-N	8.00	12.00	151193
		M3311T-5	7.7	575/3	213T	1.15	81.5	158164	CL00A310T-Y	151149	RTA1-M	5.50	8.50	151192
10	AL42	EM3313T	26.0	208/3	215T	1.15	85.5	159334	CL04A310M-L	151169	RTA1-V	25.00	32.00	151199
		EM3313T	25.0	240/3	215T	1.15	85.5	159334	CL04A310M-S	151166	RTA1-U	21.00	26.00	151198
		EM3313T	12.5	480/3	215T	1.15	85.5	159334	CL01A310T-U	151153	RTA1-P	10.00	16.00	151194
		M3313T-5	10.4	575/3	215T	1.15	81.0	158163	CL00A310T-Y	151149	RTA1-P	10.00	16.00	151194
15	AL43	EFM2513T-8	40.7	208/3	254T	1.15	84.0	142440	CL06A311M-L	151173	RTA2-E	30.00	43.00	151206
		EFM2513T	35.4	240/3	254T	1.15	84.0	142441	CL06A311M-S	151172	RTA2-E	30.00	43.00	151206
		EFM2513T	17.7	480/3	254T	1.15	84.0	142441	CL25A310T-U	1024074	RTA1-T	17.50	22.00	1024078
		EFM2513T-5	16.0	575/3	254T	1.15	84.0	142289	CL02A310T-Y	151158	RTA1-P	10.00	16.00	151194
20	AL44	E452-F2	57.0	208/3	S256T	1.15	84.0	159187	CL07A311M-L	151176	RTA2-H	54.00	65.00	151203
		EFM2515T	47.0	240/3	256T	1.15	84.0	142299	CL06A311M-S	151172	RTA2-G	42.00	55.00	151202
		EFM2515T	23.5	480/3	256T	1.15	84.0	142299	CL04A310M-U	151167	RTA1-U	21.00	26.00	151198
		EFM2515T-5	19.2	575/3	256T	1.15	84.0	142300	CL25A310T-Y	1024075	RTA1-T	17.50	22.00	1024078

**Table 21. Two-Speed Blower Motor and Starter Data**

Table 21. Two-Speed Blower Motor and Starter Data								
Motor Data						IEC Starter Data		
Rated HP	Century Model	Frame Size	Maximum Motor Amp Draw (rpm)		Voltage/Phase	PN	Manufacturer's Model	PN
			1800	1200				
1.00/0.44	M124	M145T	3.8	2.4	208/3	105641	AEG2SP-S17-C-I-H-O	114971
			3.4	2.2	240/3			
	M109		1.7	1.1	480/3	105642	AEG2SP-S17-E-G-F-O	114972
1.50/0.68	M125	N145T	5.4	3.1	208/3	105643	AEG2SP-S17-C-K-I-O	114973
			4.9	2.8	240/3			
	M104		2.4	1.4	480/3	105644	AEG2SP-S17-E-H-G-O	114974
2.00/0.88	M220	S182T	6.5	4.2	208/3	105645	AEG2SP-S17-C-L-K-O	114975
			5.9	3.8	240/3			
	M207		3.4	2.1	480/3	105646	AEG2SP-S17-E-I-H-O	114977
3.00/1.30	M221	S184T	9.3	5.3	208/3	105647	AEG2SP-S17-C-M-K-O	114978
			8.4	4.8	240/3			
	M208		4.6	2.6	480/3	105648	AEG2SP-S17-E-K-H-O	114979
5.00/2.20	M320	S215T	17.2	11.3	208/3	105870	AEG2SP-S17-C-O-M-O	114980
			15.5	10.2	240/3			
	M305		7.1	4.8	480/3	105871	AEG2SP-S17-E-L-K-O	114981
7.50/3.30	M317	Y215T	21.6	13.6	208/3	105872	AEG2SP-S17-C-O-N-O	114982
			19.5	12.3	240/3			
	M315	10.0	6.0	480/3	105873	AEG2SP-S17-E-M-L-O	114983	
10.00/4.40	M421	S256T	31.0	19.4	208/3	105874	AEG2SP-S17-C-P-O-O	114984
			28.0	17.5	240/3			
10.00/4.40	M413	S256T	13.5	7.5	480/3	105875	AEG2SP-S17-E-N-L-O	114985

**Table 22. Terminal Cross-Reference for Replacement IEC Starters**

Terminal Type	Speed	NEMA	IEC
Starter wire	High	D	2T1
		F	6T3
		E	4T2
	Low	A	2T1
		C	6T3
		B	4T2
Relay/starter coil	—	9	95
			96

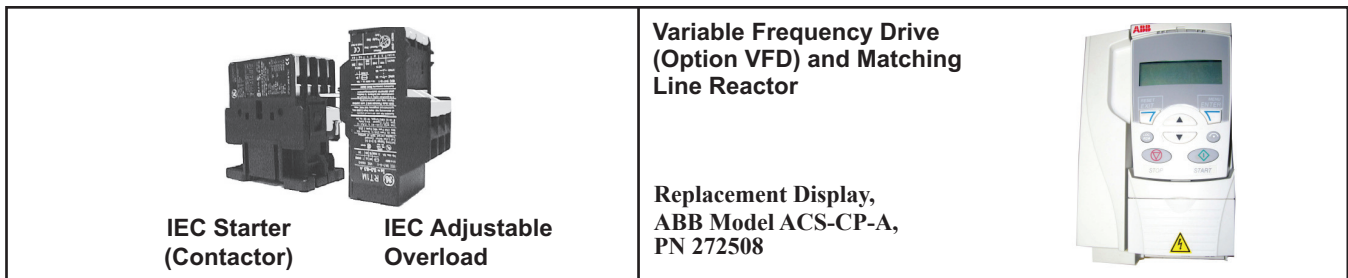
**Table 23. Replacement Holding Coils for IEC Starters (Units Manufactured Before APR 2013)**

For Use with GE Starter Model Numbers Beginning with:	Holding Coil PN	Voltage	GE Model
CL00, CL01, CL02, CL25	151280	24	LB1A-C
CL00, CL01, CL02, CL25	151281	120	LB1A-J
CL00, CL01, CL02, CL25	151282	208	LB1A-L
CL00, CL01, CL02, CL25	151283	230	LB1A-S
CL00, CL01, CL02, CL25	151284	460	LB1A-U
CL00, CL01, CL02, CL25	151285	575	LB1A-Y
CL04, CL45	151286	24	LB3A-C
CL04, CL45	151287	120	LB3A-J
CL04, CL45	151288	208	LB3A-L
CL04, CL45	151289	230	LB3A-S
CL04, CL45	151290	460	LB3A-U
CL04, CL45	151291	575	LB3A-Y
CL06, CL07, CL08, CL09	151292	208	LB4A-L
CL06, CL07, CL08, CL09	151293	230	LB4A-S
CL06, CL07, CL08, CL09	151294	460	LB4A-U

## BLOWER MOTORS, STARTERS, AND VARIABLE FREQUENCY DRIVES FOR UNITS MANUFACTURED *AFTER* MAR 2013

### NOTE:

- Variable frequency drives (option VFD) and their corresponding line reactors are shown in [Figure 16](#) and listed in [Table 24](#).
- Replacement single-speed blower motors are listed by type and horsepower for open-type motors and TEFC-type (totally-enclosed fan-cooled) motors. **Highlighted motors in [Table 25](#) and [Table 26](#) do not have internal overload protection and must be used with the motor starter and overload listed unless the unit is equipped with a variable frequency drive. Motors not highlighted will have either a contactor or a starter (option AN10) or will be equipped with a variable frequency drive.**
- Replacement IEC starters and overloads are required on highlighted motors. They are optional on other motors unless the unit is equipped with a variable frequency drive.



**Figure 16. IEC Starter and Overload and Variable Frequency Drive with Replacement Display**

Motor Horsepower		Drive and Line Reactor		Variable Frequency Drives and Corresponding Line Reactors (Units Manufactured <i>After</i> MAR 2013)							
				V/PH/Hz							
				208/1/60 and 230/1/60		208/3/60 and 230/3/60		480/3/60		575/3/60	
		Open	TEFC	Open	TEFC	Open	TEFC	Open	TEFC		
1/2	Drive	221600		221605		221612		—			
	Line reactor	221595		221598		221590					
3/4	Drive	—		221606		221613					
	Line reactor	—		221598		221591					
1	Drive	221601		221607		221614					
	Line reactor	221596		221594		221592					
1-1/2	Drive	221602		221608		221615					
	Line reactor	221597		221595		221593					
2	Drive	221603		221609		221616				221855	
	Line reactor	221597		221596		221585				Built-in	
3	Drive	221604		221610		221617		221856			
	Line reactor	221599		221597		221586		Built-in			
5	Drive	—		221611		221618		221857			
	Line reactor	—		221599		221587		Built-in			



**Table 25. Open-Type Motors by Motor Option and Starter  
(Units Manufactured After MAR 2013)**

HP	Option	Motor				Frame Size	Service Factor	Power Factor	Starter (Option AN10)		Starter Overload					
		MFR's Model	Full Load Amps (FLA)	Voltage/Phase	PN				MFR's Model	PN	Min Amps	Max Amps	MFR's Model	PN		
1/4	AL2	AOS-BF2024	4.6	115/1	210611	48/56	1.35	—	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191		
		AOS-BF2024	2.3	208/1	210611	48/56	1.35		CL00A310T-1	151275	1.80	2.70	RTA1-J	151189		
		AOS-BF2024	2.3	240/1	210611	48/56	1.35		CL00A310T-1	151275	1.80	2.70	RTA1-J	151189		
		BAL-M3003	1.1	208/3	115864	K48	1.35	72.0	CL00A310T-1	151275	1.00	1.50	RTA1-G	151187		
		BAL-M3003	1.4	240/3	115864	K48	1.35	72.0	CL00A310T-1	151275	1.00	1.50	RTA1-G	151187		
		BAL-M3003	0.75	480/3	115864	K48	1.35	72.0	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186		
1/3	AL3	AOS-BF2034	6.0	115/1	202091	48/56	1.35	—	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191		
		AOS-BF2034	3.0	208/1	202091	48/56	1.35		CL00A310T-1	151275	2.50	4.10	RTA1-K	151190		
		AOS-BF2034	3.0	240/1	202091	48/56	1.35		CL00A310T-1	151275	2.50	4.10	RTA1-K	151190		
		BAL-M3007	1.9	208/3	115863	K48	1.35	—	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189		
		BAL-M3007	1.6	240/3	115863	K48	1.35		CL00A310T-1	151275	1.30	1.90	RTA1-H	151188		
		BAL-M3007	0.8	480/3	115863	K48	1.35		CL00A310T-1	151275	0.65	1.10	RTA1-F	151186		
1/2	AL4	AOS-BF2054	8.2	120/1	102627	48/56	1.15	—	CL00A310T-1	151275	8.00	12.00	RTA1-N	151193		
		AOS-BF2054	4.1	208/1	102627	48/56	1.15		CL00A310T-1	151275	4.00	6.30	RTA1-L	151191		
		AOS-BF2054	4.1	240/1	102627	48/56	1.15		CL00A310T-1	151275	4.00	6.30	RTA1-L	151191		
		RB-H880LES	1.8	208/3	159183	LA56	1.25		CL00A310T-1	151275	1.80	2.70	RTA1-J	151189		
		RB-H880LES	1.8	240/3	159183	LA56	1.25		CL00A310T-1	151275	2.50	4.10	RTA1-K	151190		
		RB-H880LES	0.9	480/3	159183	LA56	1.25		CL00A310T-1	151275	1.30	1.90	RTA1-H	151188		
		AOS - H991	0.9	575/3	202089	H56	1.25		—	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186	
3/4	AL5	RB-C426V2	10.4	120/1	93548	B56	1.25	—	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194		
		RB-C426V2	5.2	208/1	93548	B56	1.25		CL00A310T-1	151275	4.00	6.30	RTA1-L	151191		
		RB-C426V2	5.2	240/1	93548	B56	1.25		CL00A310T-1	151275	4.00	6.30	RTA1-L	151191		
		AOS-312P696	2.9	208/3	36951	D56	1.25		CL00A310T-1	151275	2.50	4.10	RTA1-K	151190		
		AOS-312P696	2.6	240/3	36951	D56	1.25		CL00A310T-1	151275	2.50	4.10	RTA1-K	151190		
		AOS-312P696	1.3	480/3	36951	D56	1.25		CL00A310T-1	151275	1.00	1.50	RTA1-G	151187		
		RB-H992LES	1.0	575/3	202090	H56	1.25		—	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186	
1	AL6	RB-C523V2	13.2	120/1	13685	H56	1.25	—	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194		
		RB-C523V2	6.6	208/1	13685	H56	1.25		CL00A310T-1	151275	5.50	8.50	RTA1-M	151192		
		RB-C523V2	6.6	240/1	13685	H56	1.25		CL00A310T-1	151275	5.50	8.50	RTA1-M	151192		
		RB-H882LES	3.2	208/3	036580	56H	1.15		CL00A310T-1	151275	2.50	4.10	RTA1-K	151190		
		RB-H882LES	3.0	240/3	036580	56H	1.15		CL00A310T-1	151275	2.50	4.10	RTA1-K	151190		
		RB-H882LES	1.5	480/3	036580	56H	1.15		CL00A310T-1	151275	1.80	2.70	RTA1-J	151189		
		AOS-H959	1.4	575/3	158175	JA56	1.15		—	CL00A310T-1	151275	1.00	1.50	RTA1-G	151187	
1.5	AL7	AOS-C621	15.0	120/1	194202	56	1.20	86.4	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194		
		AOS-C621	7.8	208/1	194202	56	1.20	86.4	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192		
		AOS-C621	7.5	240/1	194202	56	1.20	86.4	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192		
		RB-H884LES	4.4	208/3	115859	UA56	1.15	66.4	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191		
		RB-H884LES	4.4	240/3	115859	UA56	1.15	66.4	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191		
		RB-H884LES	2.2	480/3	115859	UA56	1.15	66.4	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189		
		AOS-H960	2.0	575/3	158162	LA56H	1.15	85.3	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189		
2	AL8	AOS-RB1204AV1	24.6	120/1	202581	56H	—	80.3	CL04A310M-1	151279	21.00	26.00	RTA1-U	151198		
		AOS-RB1204AV1	12.3	208/1	202581	56H			CL01A310T-1	151276	10.00	16.00	RTA1-P	151194		
		AOS-RB1204AV1	12.3	240/1	202581	56H			CL01A310T-1	151276	10.00	16.00	RTA1-P	151194		
		RB-H886LES	6.0	208/3	159327	56HZ			1.15	67.0	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		RB-H886LES	6.0	240/3	159327	56HZ			1.15	67.0	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		RB-H886LES	3.0	480/3	159327	56HZ			1.15	67.0	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		RB-H965V1ES	2.4	575/3	158176	L56			1.15	86.0	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
3	AL9	AOS-C621	13.5	208/1	111560	56H	—	80.3	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194		
		AOS-C621	12.5	230/1	111560	56H			CL01A310T-1	151276	10.00	16.00	RTA1-P	151194		
		AOS-H845	9.0	208/3	159185	P56HZ			1.15	CL00A310T-1	151275	8.00	12.00	RTA1-N	151193	
		AOS-H845	8.6	240/3	159185	P56HZ			1.15	CL00A310T-1	151275	8.00	12.00	RTA1-N	151193	
		AOS-H845	4.3	480/3	159185	P56HZ			1.15	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191	
		AOS-H954	3.6	575/3	120019	N56HZ			1.15	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190	
5	AL10	BAL-L1409T	25.5	208/1	111562	184T	—	87.2	CL04A310M-1	151279	21.00	26.00	RTA1-U	151198		
		BAL-L1409T	23.0	240/1	111562	184T			CL04A310M-1	151279	21.00	26.00	RTA1-U	151198		
		AOS-196033J	13.4	208/3	113371	Y56HZ			1.15	87.2	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		AOS-196033J	13.2	240/3	113371	Y56HZ			1.15	87.2	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		AOS-196033J	6.6	480/3	113371	Y56HZ			1.15	87.2	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		AOS-H956	5.4	575/3	120020	Y56HZ			1.15	85.9	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191

**BLOWER MOTORS, STARTERS, AND VARIABLE FREQUENCY DRIVES FOR UNITS  
MANUFACTURED *AFTER* MAR 2013—CONTINUED**

**Table 25. Open-Type Motors by Motor Option and Starter  
(Units Manufactured *After* MAR 2013)—Continued**

HP	Option	Motor					Frame Size	Service Factor	Power Factor	Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/Phase	PN	MFR's Model				PN	Min Amps	Max Amps	MFR's Model	PN	
7.5	AL11	AOS-V305	35.4	208/1	105828	S215T	—			CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		AOS-V305	32.0	230/1	105828	S215T				CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		WEST-DTP7/54	21.0	208/3	105855	213T				CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		WEST-DTP7/54	19.0	240/3	105855	213T				CL25A310T-1	151278	17.50	22.00	RTA1-T	151197
		WEST-DTP7/54	10.0	480/3	105855	213T				CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
		AOS-E925	7.5	575/3	158164	S213T				CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
10	AL12	AOS-V303	42.0	208/1	105830	S215T	—			CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		AOS-V303	38.0	230/1	105830	S215T				CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		NIDEC-D10P2D	26.3	208/3	105858	215T				CL04A310M-1	151279	25.00	32.00	RTA1-V	151199
		NIDEC-D10P2D	23.8	240/3	105858	215T				CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		NIDEC-D10P2D	11.9	480/3	105858	215T				CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		AOS-E926	10.1	575/3	158163	215T				CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
15	AL15	BAL-EHFM2523T	37.4	208/3	142288	254T	—			CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		BAL-EHFM2523T	35.4	240/3	142288	254T				CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		BAL-EHFM2523T	17.7	480/3	142288	254T				CL25A310T-1	151278	17.50	22.00	RTA1-T	151197
		BAL-EFM2513T-5	16.0	575/3	142289	254T				CL02A310T-1	151277	14.50	18.00	RTA1-S	151196
20	AL16	WEST-DTP0204	53.7	208/3	142296	256T	1.15	80.0		CL07A300M1	203793	42.00	55.00	RTA2-G	151202
		WEST-DTP0204	48.6	240/3	142296	256T	1.15	81.0		CL07A300M1	203793	42.00	55.00	RTA2-G	151202
		WEST-DTP0204	24.3	480/3	142296	256T	1.15	81.0		CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		BAL-EFM2515T-5	18.9	575/3	142297	256T	1.15	80.0		CL25A310T-1	151278	17.50	22.00	RTA1-T	151197
25	AL17	AOS-E513	70.0	208/3	159021	S284T	1.15	84.1		CL09A311M-1	203794	64.00	82.00	RTA2-J	151204
		AOS-E514	61.0	240/3	159022	S284T	1.15	84.1		CL07A300M1	203793	54.00	65.00	RTA2-H	151203
		AOS-E514	30.5	480/3	159022	S284T	1.15	84.1		CL04A310M-1	151279	25.00	32.00	RTA1-V	151199
		AOS-E929	24.5	575/3	159023	S284T	1.15	84.1		CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
30	AL18	AOS-E515V2	82.2	208/3	159024	S286T	1.15	81.0		CL09A311M-1	203794	80.00	95.00	RTA2-L	151205
		AOS-E516V2	73.2	240/3	159025	S286T	1.15	81.0		CL09A311M-1	203794	64.00	82.00	RTA2-J	151204
		AOS-E516V2	36.6	480/3	159025	S286T	1.15	81.0		CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		BALD-EM2535T-5	28.0	575/3	159026	S286T	1.15	81.0		CL04A310M-1	151279	25.00	32.00	RTA1-V	151199

**Table 26. TEFC-Type Motors by Motor Option and Starter  
(Units Manufactured *After* MAR 2013)**

HP	Option	Motor					Frame Size	Service Factor	Power Factor	Starter (Option AN10)		Starter Overload					
		MFR's Model	Full Load Amps (FLA)	Voltage/Phase	PN	MFR's Model				PN	Min Amps	Max Amps	MFR's Model	PN			
1/4	AL19	Regal Beloit C664	3.8	120/1	16074	J56	—			CL00A310T-1	151275	2.50	4.10	RTA1-K	151190		
		Regal Beloit C664	2.0	208/1	16074	J56				CL00A310T-1	151275	1.80	2.70	RTA1-J	151189		
		Regal Beloit C664	1.9	240/1	16074	J56				CL00A310T-1	151275	1.80	2.70	RTA1-J	151189		
		USMTR-T14S2A	1.1	208/3	271443	56				CL00A310T-1	151275	1.00	1.50	RTA1-G	151187		
		USMTR-T14S2A	1.1	240/3	271443	56				CL00A310T-1	151275	1.00	1.50	RTA1-G	151187		
		USMTR-T14S2A	0.5	480/3	271443	56				CL00A310T-1	151275	0.40	0.65	RTA1-D	151184		
1/3	AL20	AOS-906L	4.6	120/1	115861	N48	—			CL00A310T-1	151275	4.00	6.30	RTA1-L	151191		
		AOS-C151	2.3	208/1	159501	N48				CL00A310T-1	151275	1.80	2.70	RTA1-J	151189		
		AOS-C151	2.4	240/1	159501	N48				CL00A310T-1	151275	1.80	2.70	RTA1-J	151189		
		AOS-H261	1.2	208/3	105567	L48				CL00A310T-1	151275	1.00	1.50	RTA1-G	151187		
		AOS-H261	1.2	240/3	105567	L48				CL00A310T-1	151275	1.00	1.50	RTA1-G	151187		
		AOS-H261	0.6	480/3	105567	L48				CL00A310T-1	151275	0.40	0.65	RTA1-D	151184		
1/2	AL21	AOS-C613	7.2	120/1	159184	J56	—			CL00A310T-1	151275	5.50	8.50	RTA1-M	151192		
		AOS-C613	3.5	208/1	159184	J56				CL00A310T-1	151275	2.50	4.10	RTA1-K	151190		
		AOS-C613	3.6	240/1	159184	J56				CL00A310T-1	151275	2.50	4.10	RTA1-K	151190		
		AOS-H274	2.3	208/3	16077	H56				1.0	59.5	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		AOS-H274	2.0	240/3	16077	H56				1.0	59.5	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		AOS-H274	1.0	480/3	16077	H56				1.0	59.5	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186
		AOS-H276	0.7	575/3	105568	J56	1.15	76.4		CL00A310T-1	151275	0.65	1.10	RTA1-F	151186		

**Table 26. TEFC-Type Motors by Motor Option and Starter  
(Units Manufactured After MAR 2013)—Continued**

HP	Option	Motor				Frame Size	Service Factor	Power Factor	Starter (Option AN10)		Starter Overload			
		MFR's Model	Full Load Amps (FLA)	Voltage/Phase	PN				MFR's Model	PN	Min Amps	Max Amps	MFR's Model	PN
3/4	AL22	AOS-F353	11	120/1	115860	F56	—		CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		AOS-F353	5.4	208/1	115860	F56			CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		AOS-F353	5.5	240/1	115860	F56			CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		AOS-H580	2.0	208/3	20371	KA56	1.0	73.5	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		AOS-H580	2.2	240/3	20371	KA56	1.0	73.5	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		AOS-H580	1.1	480/3	20371	KA56	1.0	73.5	CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
1	AL23	AOS-H461	0.8	575/3	105569	L56	1.15	78.3	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186
		AOS-159105	12.0	120/1	174993	L56	—		CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		AOS-159105	6.2	208/1	174993	L56			CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		AOS-159105	6.0	240/1	174993	L56			CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		WEG-00118E	3.25	208/3	271444	D56	1.0	74.4	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		WEG-00118E	2.94	240/3	271444	D56	1.0	74.4	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
WEG-00118E	1.47	480/3	271444	D56	1.0	74.4	CL00A310T-1	151275	1.30	1.90	RTA1-H	151188		
1.5	AL24	RB-H525LES	1.4	575/3	105570	56	1.15	71.6	CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
		RB-686V1	16.4	120/1	94347	TK56H	—		CL02A310T-1	151277	14.50	18.00	RTA1-S	151196
		RB-686V1	9.5	208/1	94347	TK56H			CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
		RB-686V1	8.2	240/1	94347	TK56H			CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
		WEG-00158E	4.8	208/3	271445	D56	1.0	80.9	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		WEG-00158E	4.6	240/3	271445	D56	1.0	80.9	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
WEG-00158E	2.3	480/3	271445	D56	1.0	80.9	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189		
2	AL25	AOS-T59027	1.7	575/3	105665	145T	1.15	85.7	CL00A310T-1	151275	1.30	1.90	RTA1-H	151188
		AOS-C687	24.0	120/1	105572	F182T	—		CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		L3516TM	8.3	240/1	205881	56HZ			CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		NIDEC-H2P2D	5.9	208/3	158165	145T			CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		NIDEC-H2P2D	5.7	240/3	158165	145T	—		CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		NIDEC-H2P2D	2.9	480/3	158165	145T			CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
Century-TE116	2.0	575/3	158166	145T	CL00A310T-1	151275	1.90	2.70	RTA1-J	151189				
3	AL26	AOS-K222	30.0	120/1	111564	F184T	—		CL04A310M-1	151279	25.00	32.00	RTA1-V	151199
		AOS-K222	15.0	240/1	111564	F184T			CL02A310T-1	151277	14.50	18.00	RTA1-S	151196
		BAL-EM3559T	7.7	208/3	159330	145T			CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		BAL-EM3559T	7.0	240/3	159330	145T	—		CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		BAL-EM3559T	3.5	480/3	159330	145T			CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		BAL-EM3559T-5	2.8	575/3	158168	145T			CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
5	AL27	RB-131549.00	20.2	240/1	111567	F184T	—		CL25A310T-1	151278	17.50	22.00	RTA1-T	151197
		NIDEC-H5P1D	13.4	208/3	155048	184T			CL02A310T-1	151277	10.00	16.00	RTA1-P	151194
		NIDEC-H5P1D	12.2	240/3	155048	184T			CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		NIDEC-H5P1D	6.1	480/3	155048	184T	—		CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		RB-TE158	4.8	575/3	158170	184T			CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
7.5	AL32	AOS-K305	34.0	240/1	105842	F215T	—		CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		WEST-NP7/54	19.5	208/3	158171	213T			CL04A310M-1	151279	17.50	22.00	RTA1-T	151197
		WEST-NP7/54	17.7	240/3	158171	213T			CL25A310T-1	151278	17.50	22.00	RTA1-T	151197
		WEST-NP7/54	8.9	480/3	158171	213T	—		CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
		AOS-T59031	7.3	575/3	158172	213T			CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
10	AL33	RB-K313M2	39.0	240/1	105846	215T	—		CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		WEST-NP0104	25.7	208/3	158173	215T			CL04A310M-1	151279	25.00	32.00	RTA1-V	151199
		WEST-NP0104	23.3	240/3	158173	215T			CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		WEST-NP0104	11.6	480/3	158173	215T	—		CL02A310T-1	151277	10.00	16.00	RTA1-P	151194
		BALD-EHM3714T-5	9.6	575/3	158174	215T			CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
15	AL34	WEST-NP7/54	38.1	208/3	142443	286T	—		CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		WEST-NP0154	34.5	240/3	142443	254T			CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		WEST-NP0154	17.3	480/3	142443	254T			CL25A310T-1	151278	14.50	18.00	RTA1-S	151196
		AOS-T59033	14.8	575/3	142444	254T	1.15	82.0	CL02A310T-1	151277	14.50	18.00	RTA1-S	151196
20	AL35	WEST-NP0204	50.8	208/3	142301	256T	1.15	81.0	CL07A300M1	203793	42.00	55.00	RTA2-G	151202
		WEST-NP0204	46.0	240/3	142301	256T	1.15	81.0	CL07A300M1	203793	42.00	55.00	RTA2-G	151202
		WEST-NP0204	23.0	480/3	142301	256T	1.15	81.0	CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		RB-TE158	19.6	575/3	142302	256T	1.15	81.0	CL25A310T-1	151278	17.50	22.00	RTA1-T	151197

## DRIVE COMPONENTS

### NOTE:

- Components may have changed. If shaft size is different than what is listed or if there are no parts listed, check the replacement parts tag and/or contact the distributor or factory service for replacement parts.
- Be sure to check belt tension. Proper belt tension is important to the long life of the belt and motor. A loose belt will cause wear and slippage. Too much tension will cause excessive motor and blower bearing wear. If adjustment is required, adjust belt tension with the adjusting screw on the motor base until the belt can be depressed 1/2 to 3/4 inch. Tighten the locknut on the adjusting screw. Ensure that the belt is aligned in the pulleys.

**Table 27. Range (rpm) by Drive Option**

Drive Option	Range (rpm)	Drive Option	Range (rpm)
AM2	451–500	AM13	1001–1050
AM3	501–550	AM14	1051–1100
AM4	551–600	AM15	1101–1150
AM5	601–650	AM16	1151–1200
AM6	651–700	AM17	1201–1250
AM7	701–750	AM18	1251–1300
AM8	751–800	AM19	1301–1350
AM9	801–850	AM20	1351–1400
AM10	851–900	AM21	1401–1450
AM11	901–950	AM22	1451–1500
AM12	951–1000	AM23	1501–1550

### NOTE:

- The shaft centerline listed in [Table 28](#), [Table 29](#), [Table 30](#), [Table 31](#), [Table 32](#), [Table 33](#), [Table 34](#), and [Table 35](#) is the distance between the blower shaft and the motor centerline with belts tensioned properly.
- The quantity for each belt listed in [Table 28](#), [Table 29](#), [Table 30](#), [Table 31](#), [Table 32](#), [Table 33](#), [Table 34](#), and [Table 35](#) is one (1) unless otherwise indicated.

**Table 28. Drive Components for Series 6 SCE Model with Open-Type Motor**

Unit Size	Voltage Option (Voltage/Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)			
				Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN				
125	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL2 (1/4)	1, 2, 3, 4	1/2	1VL34	4074	3/4	AK84	19110	A39	105493	11.82			
			5, 6, 7, 8, 9		1VL40	13491		AK74	111607	A38	16018	12.06			
		AL3 (1/3)	2, 3, 4	1/2	1VP34	4074	3/4	AK84	19110	A39	105493	11.56			
			5, 6, 7		1VL40	13491		AK74	111607	A38	16018	11.82			
			9, 10, 11, 12, 13, 14		1VP34	4074		AK46	105477	A33	101291	11.56			
					5, 6, 7, 8	5/8		1VL34	13580	3/4	AK64	19108	A36	105490	12.57
	9, 10, 11	1VL44	105476	AK71H*	105484		A39	105493	12.32						
	12, 13, 14, 15, 16, 17, 18	1VL34	13580	AK41	105478		A33	101291	12.46						
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL4 (1/2)	7, 8, 9, 10	5/8	1VL40	7962	3/4	AK64	19108	A38	16018	12.70			
			11, 12, 13, 14, 15		1VL34	13580		AK46	105477	A34	105488	12.56			
		16, 17, 18, 19, 20, 21, 22	5/8	1VL40	7962	AK41	105478	12.58							
				9, 10, 11, 12, 13, 14, 15	5/8	1VL34	13580	3/4	AK46	105477	A34	105488	12.56		
		16, 17, 18, 19, 20, 21, 22	1VL40	7962		AK41	105478		12.50						
		AL7 (1-1/2)	5/8	11, 12, 13	5/8	1VL44	105476	3/4	AK64	19108	A38	16018	12.40		
	14, 15, 16, 17			1VL40		7962	AK49		105479	A35	105489	12.43			
	18, 19, 20, 21, 22						AK41		105478	A34	105488	12.58			
				13, 14, 15, 16, 17		5/8	1VL40		7962	3/4	AK49	105479	A35	105489	12.43
	18, 19, 20, 21, 22	AK41	105478	A34	105488			12.58							
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL8 (2)	13, 14, 15, 16, 17	5/8	1VL40	7962	3/4	BK140	111606	B52	92221	12.46			
		AL9 (3)	13, 14, 15, 16, 17					5/8	1VM50	13013	3/4	AK74	111607	A39	105493
18, 19, 20, 21, 22, 23, 24															

\*Uses a 3/4-inch H blower pulley bushing (PN 105487).

**Table 28. Drive Components for Series 6 SCE Model with Open-Type Motor—Continued**

Unit Size	Voltage Option (Voltage/Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)				
				Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN					
150, 175, 200, 225	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL4 (1/2)	2, 3, 4	5/8	1VL34	13580	1	AK84	19111	A43	50470	14.00				
			5, 6, 7, 8					AK64	18797	A40	16019	14.08				
			9, 10, 11					AK46	105481	A37	105491	14.06				
		AL5 (3/4)	5, 6, 7, 8	5/8	1VL34	13580	1	AK64	18797	A40	16019	14.58				
			9, 10, 11, 12, 13, 14, 15					AK46	105481	A37	105491	14.56				
			7, 8					AK64	18797	A40	16019	14.08				
		AL6 (1)	9, 10, 11, 12, 13, 14	5/8	1VL34	13580	1	AK46	105481	A37	105491	14.06				
			15, 16, 17		1VL40	7962		AK46	105481	A38	16018	14.18				
			9, 10, 11		AK64	19108		A42	101412	13.83						
		AL7 (1-1/2)	12, 13, 14, 15, 16	5/8	1VL44	105476	1	AK71H**	105484	A40	16019	14.07				
			17, 18		1VL40	7962		AK56	105482	A38	16018	14.18				
			9, 10, 11		AK64	18797		A41	50500	17.21						
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL8 (2)	12, 13, 14, 15, 16, 17	5/8	1VL44	105476	1	AK56	105482	A40	16019	14.07				
			18, 19, 20	5/8	1VL40	7962	1	AK46	105481	A38	16018	14.18				
			13, 14, 15, 16, 17	5/8	1VM50	13013	1	BK140	152022	A47	50474	14.20				
		18, 19, 20, 21	AK74					263612	A44	52966	14.00					
16, 17, 18, 19, 20, 21, 22		7/8	2VP36					87500	1	2TB86***	91633	B45	16139	14.31		
20, 21, 22, 23		7/8	2VP50	8973	1	2BK100	7955	A49	50477	14.07						
250, 300	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL4 (1/2)	2, 3, 4	5/8	1VL34	13580	1	AK84	19111	A39	105493	11.82				
			5, 6, 7, 8					AK64	18797	A36	105490	12.06				
			5, 6, 7					AK64	18797	A36	105490	12.06				
		AL5 (3/4)	8, 9, 10, 11	5/8	1VL34	13580	1	AK56	105482	A35	105489	12.24				
			7, 8, 9, 10, 11					5/8	1VL34	13580	1	AK56	105482	A35	105489	12.24
			12, 13, 14, 15, 16									AK46	105481	A33	101291	12.06
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL7 (1-1/2)	9, 10, 11	5/8	1VL40	7962	1	AK64	18797	A37	105491	12.2				
			12, 13, 14, 15, 16		1VL44	105476		AK56	105482	A36	105491	12.06				
			17, 18, 19, 20, 21, 22, 23		AK46	105481		A35	105489	12.37						
		AL8 (2)	9, 10, 11	5/8	1VL40	7962	1	AK64	18797	A37	105491	12.20				
			12, 13, 14, 15, 16		1VL44	105476		AK56	105482	A36	105490	12.06				
			17, 18, 19, 20, 21, 22, 23		AK46	105481		A35	105489	12.37						
AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL9 (3)	9, 10, 11, 12	5/8	1VL40	7962	1	AK124	202652	A49	50475	12.14					
		13, 14, 15, 16, 17					AK94	202653	A44	52966	12.14					
		18, 19, 20, 21, 22					AK89	105483	A40	16019	12.02					
AL10 (5)	15, 16, 17, 18, 19	7/8	2VP36	87500	1	2TB86***	91633	B41	111738	12.27						
	20, 21, 22, 23		2VP50	8973		2AK104	7955	A45	50472	12.02						
350, 400	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL5 (3/4)	2, 3, 4	5/8	1VL34	13580	1	AK84	19111	A44	52966	14.37				
			5, 6		1VL40	7962		AK71H**	105484	A41	50500	13.98				
			3, 4, 5, 6		1VL34	13580		AK56	105482	A39	105493	14.25				
	AL6 (1)	7, 8, 9, 10, 11	5/8	1VL34	13580	1	AK71H**	105484	A41	50500	13.98					
		6, 7, 8, 9					5/8	1VL40	7962	1	AK71H**	105484	A42	101412	14.12	
		10, 11, 12, 13						1VL44	105476		AK64	18797		101412	13.91	
14, 15, 16, 17, 18	5/8	1VL40	7962	AK46	105481	A38	16048	14.18								
AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL7 (1-1/2)	9, 10, 11	5/8	1VL40	7962	1	AK64	18797	A41	50500	14.21					
		12, 13, 14, 15, 16		1VL44	105476		AK56	105482	A40	16019	14.07					
		17, 18, 19, 20		1VL40	7962		AK46	105481	A38	16018	14.18					
	AL8 (2)	9, 10, 11, 12	5/8	1VL40	7962	1	AK124	202652	A52	50513	12.14					
		13, 14, 15, 16, 17, 18, 19					AK94	202653	A47	50474	12.14					
		20, 21, 22, 23, 24, 25, 26					AK69	105483	A43	50470	12.02					
	AL9 (3)	12, 13, 14, 15, 16, 17	7/8	2VP42	6599	1	2AK104	7955	A48	65403	14.11					
		18, 19, 20, 21, 22		2VP50	8973				A49	50472	14.06					
		12, 13, 14, 15, 16, 17		7/8	2VP50				8973	AK69	105483	A43	50470	12.02		

\*Uses a 3/4-inch H blower pulley bushing (PN 105487).

\*\*Uses a 1-inch blower pulley bushing (PN 92203).

\*\*\*Uses a 1-inch Q1 motor pulley bushing (PN 6605).

## DRIVE COMPONENTS—CONTINUED

**Table 29. Drive Components for Series 6 SCE Model with TEFC-Type Motor**

Unit Size	Voltage Option (Voltage/Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)	
				Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN		
125	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL19 (1/4)	1, 2, 3, 4	5/8	1VL34	13580	3/4	AK84	19110	A40	16019	12.32	
			5, 6, 7, 8, 9		1VL40	7962		AK74	111607	A39	105493	12.56	
		AL20 (1/3)	2, 3, 4	1/2	1VP34	4074	3/4	AK84	19110	A39	105493	11.82	
			5, 6, 7, 8		1VL40	13491		AK74	111607	A38	16018	11.56	
			9, 10, 11, 12, 13, 14		1VP34	4074		AK46	105477	A33	101291	11.56	
					5, 6, 7, 8	1VL34		13580	AK64	19108	A36	105490	12.57
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL21 (1/2)	9, 10, 11	5/8	1VL44	105476	3/4	AK71H*	105484	A39	105493	12.32	
			12, 13, 14, 15, 16, 17, 18		1VL34	13580		AK41	105478	A33	101291	12.46	
			7, 8, 9, 10		1VL40	7962		AK64	19108	A38	16018	12.7	
		AL22 (3/4)	11, 12, 13, 14, 15	5/8	1VL34	13580	3/4	AK46	105477	A34	105488	12.56	
			16, 17, 18, 19, 20, 21, 22		1VL40	7962		AK41	105478			12.58	
					9, 10, 11, 12, 13, 14, 15	5/8		1VL34	13580	3/4	AK46	105477	A34
		16, 17, 18, 19, 20, 21, 22	1VL40	7962	AK41		105478	12.50					
		AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL24 (1-1/2)	11, 12, 13	5/8	1VL44	105476	3/4	AK64	19108	A38	16018	12.40
				14, 15, 16, 17		1VL40	7962		AK49	105479	A35	105489	12.43
				18, 19, 20, 21, 22					AK41	105478	A34	105488	12.58
		AK8 (575/3)	AL24 (1-1/2)	11, 12, 13	7/8	1VL44	106758	3/4	AK64	19108	A38	16018	12.40
				14, 15, 16, 17		1VL40	106748		AK49	105479	A35	105489	12.43
	18, 19, 20, 21, 22			AK41					105478	A34	105488	12.58	
	AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL25 (2)	13, 14, 15, 16, 17	7/8	1VL40	106748	3/4	AK49	105479	A35	105489	12.43	
18, 19, 20, 21, 22			AK41					105478	A34	105488	12.58		
AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL26 (3)	13, 14, 15, 16, 17	7/8	1VM50	37451	3/4	BK140	111606	B52	92221	12.46		
		18, 19, 20, 21, 22, 23, 24					AK74	111607	A39	105493	12.27		
150, 175, 200, 225	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL20 (1/3)	2, 3, 4	1/2	1VL34	4074	1	AK84	19111	A43	50470	13.86	
			5, 6, 7					AK64	18797	A40	16019	14.08	
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL21 (1/2)	2, 3, 4	5/8	1VL34	13580	1	AK84	19111	A43	50470	14.00	
			5, 6, 7, 8					AK64	18797	A40	16019	14.08	
			9, 10, 11					AK46	105481	A37	105491	14.06	
		AL22 (3/4)	5, 6, 7, 8	5/8	1VL34	13580	1	AK64	18797	A40	16019	14.58	
			9, 10, 11, 12, 13, 14, 15					AK46	105481	A34	105488	14.56	
								7, 8	AK64	18797	A40	16019	14.08
	AL23 (1)	9, 10, 11, 12, 13, 14	5/8	1VL34	13580	1	AK46	105481	A34	105491	14.06		
		15, 16, 17		1VL40	7962						A38	16018	14.18
		AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)		AL24 (1-1/2)	9, 10, 11		5/8	1VL44	105476	1	AK71H*	105484	A42
	12, 13, 14, 15, 16		1VL40		7962	AK56		105482	A40		16019	14.07	
	17, 18					AK46		105481	A38		16018	14.18	
	AK8 (575/3)		AL24 (1-1/2)	9, 10, 11	7/8	1VL44	106758	1	AK71H*	105484	A42	101412	13.83
		12, 13, 14, 15, 16		1VL40		106748	AK56		105482	A40	16019	14.07	
		17, 18					AK46		105481	A38	16018	14.18	
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL25 (2)	9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A41	50500	14.21	
			12, 13, 14, 15, 16, 17		1VL44	106758		AK56	105482	A40	16019	14.07	
			18, 19, 20		1VL40	106748		AK46	105481	A38	16018	14.18	
		AL26 (3)	13, 14, 15, 16, 17	7/8	1VL40	106748	1	AK99	111609	A47	50474	14.20	
18, 19, 20, 21	AK84	19111	A44					52966	14.00				

**Table 29. Drive Components for Series 6 SCE Model with TEFC-Type Motor—Continued**

Unit Size	Voltage Option (Voltage/Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)	
				Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN		
*Uses a 3/4-inch H blower pulley bushing (PN 105487).													
250, 300	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL21 (1/2)	2, 3, 4	5/8	1VL34	13580	1	AK84	19111	A39	105493	11.82	
			5, 6, 7, 8					AK64	18797	A36	105490	12.06	
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL22 (3/4)	5, 6, 7	5/8	1VL34	13580	1	AK64	18797	A36	105490	12.06	
			8, 9, 10, 11					AK56	105482	A35	105489	12.24	
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL23 (1)	7, 8, 9, 10, 11	5/8	1VL34	13580	1	AK56	105482	A35	105489	12.24	
			12, 13, 14, 15, 16					AK46	105481	A33	101291	12.06	
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL24 (1-1/2)	9, 10, 11	5/8	1VL40	7962	1	AK64	18797	A37	105491	12.2	
			12, 13, 14, 15, 16		1VL44	105476		AK56	105482			12.06	
			17, 18, 19, 20, 21, 22, 23		AK46	105481		A35	105489	12.37			
		AK8 (575/3)	AL24 (1-1/2)	9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A37	105491	12.20
				12, 13, 14, 15, 16		1VL44	106758		AK56	105482			12.06
				17, 18, 19, 20, 21, 22, 23		AK46	105481		A35	105489	12.37		
AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL25 (2)	9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A37	105491	12.20		
		12, 13, 14, 15, 16		1VL44	106758		AK56	105482	A36	105490	12.06		
	AL26 (3)	17, 18, 19, 20, 21, 22, 23	7/8	1VL40	106748	1	AK46	105481	A35	105489	12.37		
		13, 14, 15, 16, 17		1VM50	37451		AK99	111609	A43	50470	12.14		
18, 19, 20, 21, 22	AK104	16153	A45	50472	12.02								
350, 400	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL22 (3/4)	2, 3, 4	5/8	1VL34	13580	1	AK84	19111	A44	52966	14.37	
			5, 6		1VL40	7962		AK84	19111			14.01	
	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL23 (1)	3, 4, 5, 6	5/8	1VL34	13580	1	AK71H**	105484	A41	50500	13.98	
			7, 8, 9, 10, 11					AK56	105482	A39	105493	14.25	
350, 400	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL24 (1-1/2)	6, 7, 8, 9	5/8	1VL40	7962	1	AK71H**	105484	A42	101412	14.12	
			10, 11, 12, 13		1VL44	105476		AK64	18797	A42	101412	13.91	
			14, 15, 16, 17, 18		1VL40	7962		AK46	105481	A38	16018	14.18	
	AK8 (575/3)	AL24 (1-1/2)	6, 7, 8, 9	7/8	1VL40	106748	1	AK71H**	105484	A42	101412	14.12	
			10, 11, 12, 13		1VL44	106758		AK64	18797			13.91	
			14, 15, 16, 17, 18		1VL40	106748		AK46	105481	A38	16018	14.18	
	AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL25 (2)	9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A41	50500	14.21	
			12, 13, 14, 15, 16		1VL44	106758		AK56	105482	A40	16019	14.07	
			17, 18, 19, 20		1VL40	106748		AK46	105481	A38	16018	14.18	
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL26 (3)	9, 10, 11, 12, 13	7/8	1VL44	106758	1	AK99	50520	A54	16131	14.22	
14, 15, 16, 17, 18, 19			AK104					16153	A48	65403	13.97		
*Uses a 3/4-inch H blower pulley bushing (PN 105487).													
**Uses a 1-inch blower pulley bushing (PN 92203).													

## DRIVE COMPONENTS—CONTINUED

**Table 30. Drive Components for Series 6 SCE Model with EE-Type Motor**

Unit Size	Voltage Option (Voltage/Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)			
				Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN				
125	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL36 (1)	9, 10, 11, 12, 13, 14, 15	7/8	1VP34	110125	3/4	AK46	105477	A34	105488	12.56			
			16, 17, 18, 19, 20, 21, 22		1VL40	106748		AK41	105478			12.50			
		AL37 (1-1/2)	11, 12, 13	7/8	1VL44	106758	3/4	AK64	19108	A38	16018	12.40			
			14, 15, 16, 17		1VL40	106748		AK49	105479	A35	105489	12.43			
		AL38 (2)	13, 14, 15, 16, 17	7/8	1VL40	106748	3/4	AK41	105478	A34	105488	12.58			
			18, 19, 20, 21, 22					AK49	105479	A35	105489	12.43			
		AL39 (3)	13, 14, 15, 16, 17	7/8	1VM50	37451	3/4	BK140	111606	B52	92221	12.46			
			18, 19, 20, 21, 22, 23, 24					AK74	111607	A39	105493	12.27			
		150, 175, 200, 225	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL36 (1)	7, 8	7/8	1VP34	110125	1	AK64	18797	A40	16019	14.08	
					9, 10, 11, 12, 13, 14					1VL40	106748	1	AK46	105481	A36
15, 16, 17	AK46				105481								A38	16018	14.18
AL37 (1-1/2)	9, 10, 11			7/8	1VL44	106758	1	AK71H*	105484	A42	101412	13.83			
	12, 13, 14, 15, 16							AK56	105482	A40	16019	14.07			
AL38 (2)	17, 18, 19, 20			7/8	1VL40	106748	1	AK46	105481	A38	16018	14.18			
	9, 10, 11							AK64	18797	A41	50500	14.21			
	12, 13, 14, 15, 16, 17							AK56	105482	A40	16019	14.07			
AL39 (3)	18, 19, 20			7/8	1VL40	106748	1	AK46	105481	A38	16018	14.18			
	13, 14, 15, 16, 17							AK99	111609	A47	50474	14.20			
250, 300	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL36 (1)	7, 8, 9, 10, 11	7/8	1VP34	110125	1	AK56	105482	A35	105489	12.24			
			12, 13, 14, 15, 16					AK46	105481	A33	101291	12.06			
		AL37 (1-1/2)	9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A37	105491	12.20			
			12, 13, 14, 15, 16					AK56	105482	A36	105490	12.06			
		AL38 (2)	17, 18, 19, 20, 21, 22, 23	7/8	1VL44	106758	1	AK46	105481	A35	105489	12.37			
			9, 10, 11					AK64	18797	A37	105491	12.20			
			12, 13, 14, 15, 16					AK56	105482	A36	105490	12.06			
		AL39 (3)	17, 18, 19, 20, 21, 22, 23	7/8	1VL44	106758	1	AK46	105481	A35	105489	12.37			
			13, 14, 15, 16, 17					AK99	111609	A43	40570	12.14			
		350, 400	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL36 (1)	3, 4, 5, 6	7/8	1VP34	110125	1	AK71H*	105484	A41	50500	13.98	
7, 8, 9, 10, 11	AK56				105482					A39	105493	14.25			
AL37 (1-1/2)	6, 7, 8, 9			7/8	1VL40	106748	1	AK71H*	105484	A42	101412	14.12			
	10, 11, 12, 13							AK46	18797			13.91			
AL38 (2)	14, 15, 16, 17, 18			7/8	1VL40	106748	1	AK64	105481	A38	16048	14.18			
	9, 10, 11							AK56	18797	A41	50500	14.21			
	12, 13, 14, 15, 16							AK46	105482	A40	16019	14.07			
AL39 (3)	17, 18, 19, 20			7/8	1VL40	106748	1	AK99	105481	A38	16018	14.18			
	9, 10, 11, 12, 13							AK104	50520	A54	16131	14.22			
AL39 (3)	14, 15, 16, 17, 18, 19			7/8	1VL44	106758	1	2AK104	16153	A48	65403**	13.97			

\*Uses a 1-inch blower pulley bushing (PN 92203).

\*\*Quantity is two (2).



**Table 31. Drive Components for SCE Model with Two-Speed Motor**

Unit Size	Voltage Option (Voltage/Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)		
				Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN			
125	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL45 (1)	9, 10, 11, 12, 13, 14, 15	7/8	1VP34	110125	3/4	AK46	105477	A34	105488	12.56		
			16, 17, 18, 19, 20, 21, 22		1VL40	106748		AK41	105478			12.50		
		AL46 (1-1/2)	11, 12, 13	7/8	1VL44	106758	3/4	AK64	19108	A38	16018	12.40		
			14, 15, 16, 17		1VL40	106748		AK49	105479	A35	105489	12.43		
		AL47 (2)	18, 19, 20, 21, 22	1-1/8	1VP50	111681	3/4	AK41	105478	A34	105488	12.58		
			13, 14, 15					AK71	111682	A40	16019	12.38		
			16, 17, 18, 19, 20					AK59	111684	A38	16018	12.36		
		AL48 (3)	21, 22, 23, 24	1-1/8	1VP50	111681	3/4	BK57	110762	B38	110763	12.20		
			13, 14, 15					AK71	111682	A40	16019	12.38		
			16, 17, 18, 19, 20					AK59	111684	A38	1018	12.36		
			21, 22, 23, 24					BK57	110762	B38	110763	12.20		
		150, 175, 200, 225	AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL45 (1)	7, 8	7/8	1VP34	110125	1	AK64	18797	A40	16019	14.08
9, 10, 11, 12, 13, 14	1VL40				106748		AK46	105481		A36	105490	14.06		
15, 16, 17	1VL40				106748		AK46	105481		A38	16018	14.18		
AL46 (1-1/2)	9, 10, 11			7/8	1VL44	106758	1	AK71H*	105484	A42	101412	13.83		
	12, 13, 14, 15, 16				1VL40	106748		AK56	105482	A40	16019	14.07		
	17, 18, 19, 20				AK46	105481		A38	16018	14.18				
AL47 (2)	12, 13, 14, 15, 16			1-1/8	1VP50	111681	1	AK69	105483	A43	50470	14.05		
	17, 18, 19, 20							AK56	105482	A41	50500	14.11		
	21, 22, 23, 24							AK49	111689	A40	16019	14.16		
AL48 (3)	13, 14, 15, 16			1-1/8	1VP50	111681	1	AK69	105483	A43	50470	14.05		
	17, 18, 19, 20							AK56	105482	A41	50500	14.11		
	21, 22, 23, 24							AK49	111689	A40	16019	14.16		
250, 300	AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL45 (1)	7, 8, 9, 10, 11	7/8	1VP34	110125	1	AK56	105482	A35	105489	12.24		
			12, 13, 14, 15, 16		AK46	105481		A33	101291	12.06				
		AL46 (1-1/2)	9, 10, 11	7/8	1VL40	106748	1	AK64	18797	A37	105491	12.20		
			12, 13, 14, 15, 16		1VL44	106758		AK56	105482	A36	105490	12.06		
		AL47 (2)	17, 18, 19, 20, 21, 22, 23	1-1/8	1VP50	111681	1	AK46	105481	A35	105489	12.37		
			12, 13, 14, 15, 16					AK69	105483	A39	105493	12.04		
			17, 18, 19, 20					AK59	115716	A37	105491	11.86		
		AL48 (3)	21, 22, 23, 24	1-1/8	1VP50	111681	1	AK49	111689	A36	105490	12.16		
			13, 14, 15, 16					AK69	105483	A39	105493	12.04		
			17, 18, 19, 20					AK59	115716	A45	105491	11.86		
		350, 400	AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL45 (1)	3, 4, 5, 6	7/8	1VP34	110125	1	AK71H*	105484	A41	50500	13.98
					7, 8, 9, 10, 11					AK56	105482	A39	105493	14.25
AL46 (1-1/2)	6, 7, 8, 9			7/8	1VL40	106748	1	AK71H*	105484	A42	101412	14.12		
	10, 11, 12, 13				1VL44	106758		AK64	18797	A40	16019	13.91		
	14, 15, 16, 17, 18				1VL40	106748		AK46	105481	A38	16018	14.18		
AL47 (2)	12, 13, 14, 15, 16			1-1/8	1VP50	111681	1	AK69	105483	A43	50470	14.05		
	17, 18, 19, 20	AK56	105482					A41	50500	14.11				
	21, 22, 23, 24	AK49	111689					A40	16019	14.16				
AL48 (3)	12, 13, 14, 15, 16	1-1/8	1VP50	111681	1	AK69	105483	A43	50470	14.05				
	17, 18, 19, 20					AK56	105482	A41	50500	14.11				
	21, 22, 23, 24					AK49	111689	A40	16019	14.16				
AL10 (5)	12, 13, 14, 15, 16, 17	7/8	2VP42	6599	1	2AK104	7955	A48	65403**	14.11				
18, 19, 20, 21, 22	2VP50		8973	A49				50472**	14.06					

\*Uses a 1-inch blower pulley bushing (PN 92203).

\*\*Quantity is two (2).

## DRIVE COMPONENTS—CONTINUED

**Table 32. Drive Components for Open-Type Motors (All Unit Sizes for SSCBL and SSCDBL Models)**

Voltage Option (Voltage/Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)	
			Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN (QTY)*		
AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL6 (1)	2, 3, 4	5/8	1VL34	13580	1-3/16	AK84	111862	A57	16134	20.94	
		5, 6, 7									21.03	
	AL7 (1-1/2)	3, 4, 5, 6, 7	5/8	1VL34	13580	1-3/16	AK71H	105484 <sup>a</sup>	A57	16134	21.03	
		8, 9, 10, 11		1VL44	105476						21.11	
	AL8 (2)	3, 4, 5, 6, 7	7/8	1VP34	110125	1-3/16	AK71H	105484 <sup>a</sup>	A55	16132	20.03	
		8, 9, 10, 11		1VL44	106758						A56	16133
12, 13, 14, 15, 16		A54										
AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL9 (3)		7, 8, 9	7/8	1VM50	37451	1-3/16	AK184	16160	A78	92264	20.95
		10, 11, 12, 13	1VL44		106758	AK134		16158	A69	16558	20.96	
		14, 15, 16, 17, 18	1VM50		37451	AK124		16156	A66	111870	20.92	
AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL10 (5)	8, 9, 10, 11	7/8	2VP42	6599	1-3/16	2AK134	16161	A68	92408	21.08	
		12, 13, 14, 15		2VP36	87500		2BK100	16003	A61	88560	21.01	
		16, 17, 18, 19, 20		2VP42	6599				A62	16137	21.08	
	AL11 (7-1/2)	10, 11	1-3/8	2VP62	16150	1-3/16	2BK110	16168	B64	92414	20.47	
		12, 13					2BK100	16003	B62	7950	20.31	
		14, 15, 16					2TB86	91633 <sup>b</sup>	BX59	92280	20.47	
	17, 18, 19, 20	2BK80H	89648 <sup>a</sup>	20.37								
	AL12 (10)	10, 11	1-3/8	2VP62	16150	1-3/16	2BK110	16168	B64	92414	20.47	
		12, 13					2BK100	16003	B62	7950	20.31	
		14, 15, 16					2TB86	91633 <sup>b</sup>	BX59	92280	20.47	
	17, 18, 19, 20	2BK80H	89648 <sup>a</sup>	20.37								
	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL15 (15)	15, 16, 17, 18, 19, 20 <sup>c</sup>	1-5/8	3MVP40-B54	89644	1-7/16	3TB66H	106258 <sup>d</sup>	B56	92224 (3)	20.47
21, 22, 23, 24 <sup>c</sup>			3BK65H					106262 <sup>e</sup>	20.53			
AL16 (20)		17, 18, 19, 20, 21, 22, 23, 24 <sup>c</sup>	1-5/8	3MVP40-B54	89644	1-7/16	3BK65H	106262 <sup>e</sup>	BX54	92239 (3)	20.11	
AL15 (15)		15, 16, 17 <sup>f</sup>	1-5/8	2MVP70B84P	148593 <sup>g</sup>	1-7/16	2BK120H	113811 <sup>h</sup>	BX67	80841 (2)	20.47	
		18, 19, 20, 21 <sup>f</sup>		2MVP80B94Q	148594 <sup>i</sup>		2B5V110	114045 <sup>d</sup>	BX69	148605 (2)	20.53	
		22, 23, 24 <sup>f</sup>		2MVP70B84P	148593 <sup>g</sup>		2B5V90	148597 <sup>d</sup>	BX64	114258 (2)	20.11	
AL16 (20)		AM17 <sup>f</sup>	1-5/8	2MVP70B84P	148593 <sup>g</sup>	1-7/16	2BK120H	113811 <sup>h</sup>	BX67	80841 (2)	20.47	
		18, 19, 20, 21 <sup>f</sup>		2MVP80B94Q	148594 <sup>i</sup>		2B5V110	114045 <sup>d</sup>	BX69	148605 (2)	20.53	
		22, 23, 24 <sup>f</sup>		2MVP70B84P	148593 <sup>g</sup>		2B5V90	148597 <sup>d</sup>	BX64	114258 (2)	20.11	

<sup>a</sup>Uses a 1-3/16-inch *H* blower pulley bushing (PN 106260).

<sup>b</sup>Uses a 1-3/16-inch *Q1* blower pulley bushing (PN 39460).

<sup>c</sup>Three-groove drive.

<sup>d</sup>Uses a 1-7/16-inch *P1* blower pulley bushing (PN 106261).

<sup>e</sup>Uses a 1-7/16-inch *H* blower pulley bushing (PN 89659).

<sup>f</sup>Two-groove drive.

<sup>g</sup>Uses a 1-5/8-inch *P2* motor pulley bushing (PN 148595).

<sup>h</sup>Uses a 1-7/16-inch *B* blower pulley bushing (PN 114033).

<sup>i</sup>Uses a 1-5/8-inch *Q2* motor pulley bushing (PN 148596).

\*Quantity is one (1) unless otherwise indicated.

**Table 33. Drive Components for TEFC-Type Motors (All Unit Sizes for SSCBL and SSCDBL Models)**

Voltage Option (Voltage/Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)
			Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN (QTY)*	
AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL23 (1)	2, 3, 4	5/8	1VL34	13580	1-3/16	AK84	111862	A57	16134	20.94
		5, 6, 7					AK71H	105484 <sup>a</sup>			21.03
AK1 (115/1), AK2 (208/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL24 (1-1/2)	3, 4, 5, 6, 7	5/8	1VL34	13580	1-3/16	AK71H	105484 <sup>a</sup>	A57	16134	21.03
		8, 9, 10, 11	5/8	1VL44	105476	1-3/16	AK74	106256			21.11
		3, 4, 5, 6, 7	7/8	1VP34	110125	1-3/16	AK71H	105484 <sup>a</sup>			21.03
				1VL44	106758		AK74	106256			21.11
AK8 (575/3)		8, 9, 10, 11									
AK1 (115/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL25 (2)	3, 4, 5, 6, 7	7/8	1VP34	110125	1-3/16	AK71H	105484 <sup>a</sup>	A55	16132	20.03
		8, 9, 10, 11		1VL44	106758		AK71H	105484 <sup>a</sup>	A56	16133	20.85
		12, 13, 14, 15, 16					AK56H	110807 <sup>a</sup>	A54	16131	21.07
AK1 (115/1), AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3)	AL26 (3)	7, 8, 9	7/8	1VM50	37451	1-3/16	AK184	16160	A78	92264	20.95
		10, 11, 12, 13		1VL44	106758		AK134	16158	A69	16558	20.96
		14, 15, 16, 17, 18		1VM50	37451		AK124	16156	A66	111870	20.92
		7, 8, 9		1VL44	106758		AK184	16160	A78	92264	20.95
		10, 11, 12, 13					AK134	16158	A69	16558	20.96
		14, 15, 16, 17, 18					1VM50	37451	AK124	16156	A66
AK8 (575/3)											
AK3 (230/1), AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL27 (5)	8, 9, 10, 11	1-1/8	2VP42	7963	1-3/16	2AK134	16161	A67	16139	21.08
		12, 13, 14, 15		2VP50	105581		2AK134	16161	A68	92408	21.01
		16, 17, 18, 19, 20		2VP42	7963		2BK100	16003	A60	50477	21.08
AK3 (230/1); AK5 (208/3); AK6 (230/3); AK7 (460/3); AK8 (575/3)	AL32 (7-1/2)	10, 11	1-3/8	2VP62	16150	1-3/16	2BK110	16138	B64	92414	20.47
		12, 13					2BK100	16003	B62	7950	20.31
		14, 15, 16					2TB86	91633 <sup>b</sup>	BX59	92280	20.47
		17, 18, 19, 20					2BK80H	89648 <sup>a</sup>			20.37
	AL33 (10)	1-3/8	10, 11	2VP62	16150	1-3/16	2BK110	16168	B64	92414	20.47
			12, 13				2BK100	16003	B62	7950	20.31
			14, 15, 16				2TB86	91633 <sup>b</sup>	BX59	92280	20.47
			17, 18, 19, 20				2BK80H	89648 <sup>a</sup>			20.37
AK5 (208/3); AK6 (230/3); AK7 (460/3); AK8 (575/3)	AL34 (15 & 20)	15, 16, 17 <sup>c</sup>	1-5/8	2MVP70B84P	148593 <sup>d</sup>	1-7/16	2BK120H	113811 <sup>e</sup>	BX67	80841 (3)	20.47
	AL35 (15 & 20)	18, 19, 20, 21 <sup>c</sup>	1-5/8	2MVP80B94Q	148594 <sup>f</sup>	1-7/16	2B5V110	114045 <sup>g</sup>	BX69	148605 (3)	20.53
		22, 23, 24 <sup>c</sup>		2MVP70B84P	148593 <sup>d</sup>		2B5V90	148597 <sup>g</sup>	BX64	114258 (3)	20.11
	AL34 (15)	15, 16, 17 <sup>h</sup>	1-5/8	2MVP70B84P	148593 <sup>d</sup>	1-7/16	2BK120H	113811 <sup>e</sup>	BX67	80841 (2)	20.47
		18, 19, 20, 21 <sup>h</sup>		2MVP80B94Q	148594 <sup>f</sup>		2B5V110	114045 <sup>g</sup>	BX69	148605 (2)	20.53
		22, 23, 24 <sup>h</sup>		2MVP70B84P	148593 <sup>d</sup>		2B5V90	148597 <sup>g</sup>	BX64	114258 (2)	20.11
	AL35 (20)	17 <sup>h</sup>	1-5/8	2MVP70B84P	148593 <sup>d</sup>	1-7/16	2BK120H	113811 <sup>e</sup>	BX67	80841 (2)	20.47
		18, 19, 20, 21 <sup>h</sup>		2MVP80B94Q	148594 <sup>f</sup>		2B5V110	114045 <sup>g</sup>	BX69	148605 (2)	20.53
		22, 23, 24 <sup>h</sup>		2MVP70B84P	148593 <sup>d</sup>		2B5V90	148597 <sup>g</sup>	BX64	114258 (2)	20.11

<sup>a</sup>Uses a 1-7/16-inch H blower pulley bushing (PN 89659).

<sup>b</sup>Uses a 1-3/16-inch H blower pulley bushing (PN 106260).

<sup>c</sup>Three-groove drive.

<sup>d</sup>Uses a 1-5/8-inch P2 motor pulley bushing, PN 148595).

<sup>e</sup>Uses a 1-7/16-inch B blower pulley bushing (PN 114033).

<sup>f</sup>Uses a 1-5/8-inch Q2 motor pulley bushing (PN 148596).

<sup>g</sup>Uses a 1-7/16-inch P1 blower pulley bushing (PN 106261).

<sup>h</sup>Two-groove drive.

\*Quantity is one (1) unless otherwise indicated.

## DRIVE COMPONENTS—CONTINUED

**Table 34. Drive Components for EE-Type Motors (All Unit Sizes for SSCBL and SSCDBL Models)**

Voltage Option (Voltage/Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)
			Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN (QTY)*	
AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	AL36 (1)	2, 3, 4	7/8	1VP34	110125	1-3/16	AK84	111862	A57	16134	20.94
		5, 6, 7					AK71H	105484 <sup>a</sup>	A55	16132	21.03
	AL37 (1-1/2)	3, 4, 5, 6, 7	7/8	1VP34	110125	1-3/16	AK71H	105484 <sup>a</sup>	A55	16132	21.03
		8, 9, 10, 11		1VL44	106758		AK74	106256	A57	16134	21.11
	AL38 (2)	3, 4, 5, 6, 7	7/8	1VP34	110125	1-3/16	AK71H	105484 <sup>a</sup>	A55	16132	20.03
		8, 9, 10, 11		1VL44	106758		AK71H	105484 <sup>a</sup>	A56	16133	20.85
		12, 13, 14, 15, 16					AK56H	110807 <sup>a</sup>	A54	16131	21.07
	AL39 (3)	7, 8, 9	7/8	1VM50	37451	1-3/16	AK184	16160	A78	92264	20.95
		10, 11, 12, 13		1VL44	106758		AK134	16158	A69	16558	20.96
		14, 15, 16, 17, 18		1VM50	37451		AK124	16156	A66	111870	20.92
	AL40 (5)	8, 9, 10, 11	1-1/8	2VP42	7963	1-3/16	2AK134	16161	A67	16139	21.08
		12, 13, 14, 15		2VP50	105581		2AK34	16161	A68	92408	21.01
		16, 17, 18, 19, 20		2VP42	7963		2BK100	16003	A60	50477	21.08
	AL41 (7-1/2)	10, 11	1-3/8	2VP62	16150	1-3/16	2BK110	16168	B64	92414	20.47
		12, 13					2BK100	16003	B62	7950	20.31
		14, 15, 16					2TB86	91633 <sup>b</sup>	BX59	92280	20.47
		17, 18, 19, 20									2BK80H
	AL42 (10)	10, 11	1-3/8	2VP62	16150	1-3/16	2BK110	16168	B64	92414	20.47
		12, 13					2BK100	16003	B62	7950	20.31
		14, 15, 16					2TB86	91633 <sup>b</sup>	BX59	92280	20.47
17, 18, 19, 20		2BK80H									89648 <sup>a</sup>
AL43 (15 & 20)	15, 16, 17 <sup>c</sup>	1-5/8	2MVP70B84P	148593 <sup>d</sup>	1-7/16	2BK120H	113811 <sup>e</sup>	BX67	80841 (3)	20.47	
AL44 (15 & 20)	18, 19, 20, 21 <sup>c</sup>	1-5/8	2MVP80B94Q	148594 <sup>f</sup>	1-7/16	2B5V110	114045 <sup>g</sup>	BX69	148605 (3)	20.53	
	22, 23, 24 <sup>c</sup>		2MVP70B84P	148593 <sup>d</sup>		2B5V90	148597 <sup>g</sup>	BX64	114258 (3)	20.11	
AL43 (15)	15, 16, 17 <sup>h</sup>	1-5/8	2MVP70B84P	148593 <sup>d</sup>	1-7/16	2BK120H	113811 <sup>e</sup>	BX67	80841 (2)	20.47	
	18, 19, 20, 21 <sup>h</sup>		2MVP80B94Q	148594 <sup>f</sup>		2B5V110	114045 <sup>g</sup>	BX69	148605 (2)	20.53	
	22, 23, 24 <sup>h</sup>		2MVP70B84P	148593 <sup>d</sup>		2B5V90	148597 <sup>g</sup>	BX64	114258 (2)	20.11	
AL44 (20)	17 <sup>h</sup>	1-5/8	2MVP70B84P	148593 <sup>d</sup>	1-7/16	2BK120H	113811 <sup>e</sup>	BX67	80841 (2)	20.47	
	18, 19, 20, 21 <sup>h</sup>		2MVP80B94Q	148594 <sup>f</sup>		2B5V110	114045 <sup>g</sup>	BX69	148605 (2)	20.53	
	22, 23, 24 <sup>h</sup>		2MVP70B84P	148593 <sup>d</sup>		2B5V90	148597 <sup>g</sup>	BX64	114258 (2)	20.11	

<sup>a</sup>Uses a 1-3/16-inch *H* blower pulley bushing (PN 106260).

<sup>b</sup>Uses a 1-3/16-inch *Q1* blower pulley bushing (PN 39460).

<sup>c</sup>Three-groove drive.

<sup>d</sup>Uses a 1-7/16-inch *B* blower pulley bushing (PN 114033).

<sup>e</sup>Uses a 1-7/16-inch *H* blower pulley bushing (PN 89659).

<sup>f</sup>Uses a 1-5/8-inch *P2* motor pulley bushing (PN 148595).

<sup>g</sup>Uses a 1-5/8-inch *Q2* motor pulley bushing (PN 148596).

<sup>h</sup>Two-groove drive.

\*Quantity is one (1) unless otherwise indicated.

**Table 35. Drive Components for Two-Speed Motors (All Unit Sizes for SSCBL and SSCDBL Models)**

Voltage Option (Voltage/Phase)	Motor Option (HP)	Drive (AM) Option	Motor Pulley			Blower Pulley			Belt		Shaft Centerline (Inches)	
			Bore Size (Inches)	MFR's Model	PN	Bore Size (Inches)	MFR's Model	PN	MFR's Model	PN		
AK5 (208/3); AK6 (230/3); AK7 (460/3)	AL45 (1)	2, 3, 4	7/8	1VP34	110125	1-3/16	AK84	111862	A57	16134	20.94	
		5, 6, 7	7/8	1VP34	110125	1-3/16	AK71H	105484 <sup>a</sup>	A55	16132	21.03	
	AL46 (1-1/2)	3, 4, 5, 6, 7	7/8	1VP34	110125	1-3/16	AK71H	105484 <sup>a</sup>	A55	16132	21.03	
		8, 9, 10, 11	7/8	1VL44	106758	1-3/16	AK74	106256	A57	16134	21.11	
	AL47 (2)	4, 5	1-1/8	1VP50	111681	1-3/16	AK124	16156	A66	111870	20.92	
		6, 7, 8, 9	1-1/8	1VP44	110151	1-3/16	AK84	111862	A59	92402	21.28	
		10, 11, 12, 13	1-1/8	1VP44	110151	1-3/16	BK85H	112026 <sup>a</sup>	B57	92225	21.22	
		14, 15, 16, 17, 18, 19	1-1/8	1VP44	110151	1-3/16	BK60	112035	BX54	92239	20.93	
	AL48 (3)	4, 5	1-1/8	1VP50	111681	1-3/16	AK124	16156	A66	111870	20.92	
		6, 7, 8, 9	1-1/8	1VP44	110151	1-3/16	AK84	111862	A59	92402	21.28	
		10, 11, 12, 13	1-1/8	1VP44	110151	1-3/16	BK75H	112026 <sup>a</sup>	B57	92225	21.22	
	AL49 (5)	14, 15, 16, 17, 18, 19	1-1/8	1VP44	110151	1-3/16	BK60	112035	BX54	92239	20.93	
		8, 9, 10, 11	1-3/8	2VP60	106257	1-3/16	2BK110	16168	B65	6010	21.28	
		12, 13, 14, 15	1-3/8	2VP60	106257	1-3/16	2BK90	16167	BX61	92289	20.93	
	AL50 (7-1/2)	16, 17, 18, 19, 20	1-3/8	2VP60	106257	1-3/16	2TB70	92419 <sup>b</sup>	B59	16143	21.07	
		10, 11	1-3/8	2VP62	16150	1-3/16	2BK110	16168	B64	92414	20.47	
		12, 13	1-3/8	2VP62	16150	1-3/16	2BK100	16003	B62	7950	20.31	
		14, 15, 16	1-3/8	2VP62	16150	1-3/16	2TB86	91633 <sup>b</sup>	BX59	92280	20.47	
	AL51 (10)	17, 18, 19, 20	1-3/8	2VP65	110771	1-3/16	2BK80H	89648 <sup>a</sup>	BX59	92280	20.37	
		13, 14, 15, 16	1-5/8	2MPV40-B54	91615	1-3/16	2BK80H	89648 <sup>a</sup>	B58	92226	20.47	
			17, 18, 19, 20, 21, 22	1-5/8	2MPV40-B54	91615	1-3/16	2BK70H	110810 <sup>a</sup>	B57	92225	20.37

<sup>a</sup>Uses a 1-3/16-inch *H* blower pulley bushing (PN 106260).

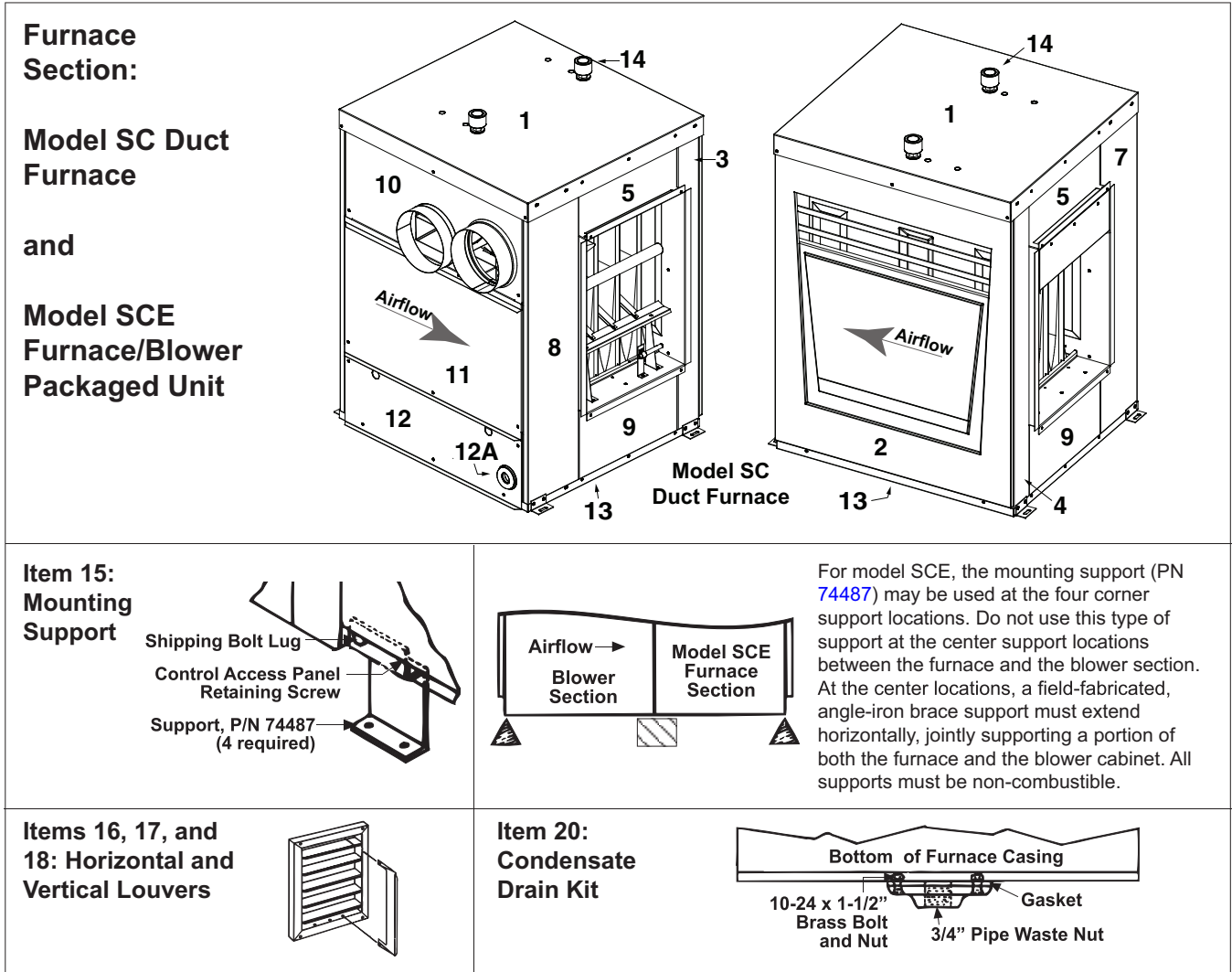
<sup>b</sup>Uses a 1-3/16-inch *Q1* blower pulley bushing (PN 39460).

## CABINET COMPONENTS

### NOTE:

- Furnace section cabinet components for models SC and SCE are shown in [Figure 17](#) and listed in [Table 36](#).
- Furnace section cabinet components for model SSCBL are shown in [Figure 18](#) and listed in [Table 37](#).
- Blower section cabinet components for model SCE are shown in [Figure 19](#) and listed in [Table 38](#).
- Blower section cabinet components for model SSCBL are shown in [Figure 20](#) and listed in [Table 39](#).
- Individual blower section cabinet components for model SSCBL are shown in [Figure 21](#).

## CABINET COMPONENTS—CONTINUED



**Figure 17. Furnace Section Cabinet Components—Models SC and SCE (Refer to [Table 36](#))**

**Table 36. Furnace Section Cabinet Components (Models SC and SCE)**

Item No.	Model	Component	Description	Unit Size							
				100	125	150, 175	200, 225	250	300	350	400
				PN (Quantity)*							
1	SC series 6	Casing top assembly	With insulation	125309	125310	125311	125312	125313		125314	125315
	SCE series 6			125567	125568	125569	125570	125571		125572	125573
2	SC	Casing side panel	Right, with insulation	80582				80585			
	SCE		Right	11819				11849			
3	SC, SCE	Corner leg	Right front	10309				10311			
4	SC		Right rear	10310				10312			
	SCE			10310				11005			
5	SC	Top	Front, with insulation	126330	64667	64669	80574	80576		80578	80580
	SCE		Front	10861	10869	10875	10886	10892		10900	10906
6	SC	Top back (not shown)	Back, with insulation	126330	64667	64669	80574	80576		80578	80580
	SCE		Back	10861	10869	10875	10886	10892		10900	10906
7	—	Control side corner leg	Left rear	126109				126110			
8			Left front	126111				126112			
9		Panel assembly	Bottom front, with insulation	67693	64662	64664	80561	80564		80567	80570
			Bottom rear, with insulation								
10			Venter	125351				130224			
11			Access (not shown)	126012							
12	SC	Bottom left side panel	With grommet and sight hole cover	125695 (with insulation)			125692		125693		
	SCE series 6			125692				125693			
12A	—	Grommet	Vinyl	102607				15021			
13		Bottom pan assembly	Aluminized	125267	125268	125269	125270	125271		125272	125273
			Stainless steel	129516	129517	129518	129519	129520		129521	129522
14		Hanger	Assembly	9557 (2)							
15		Support	Mounting	74487 (4)							
16		Louver frame	With horizontal louvers	10020	10018	10016	10014	10012	10012	10010	10001
17		Louver (optional on SCE model units)	Horizontal	9923 (5)	9887 (5)	9847 (5)	9808 (5)	9769 (10)		9733 (10)	9553 (10)
18			Vertical	9554 (4)		9554 (6)	9554 (8)	9554 (10)		9554 (12)	9554 (14)
19		Touchup paint (not shown)	Maroon, for louvers, 12-oz can	207432							
20		Condensate drain kit	Same as option CS1	31765							
21		Sealant (not shown)	3M 900 Duct Sealer Fast Bond, gray	100117							

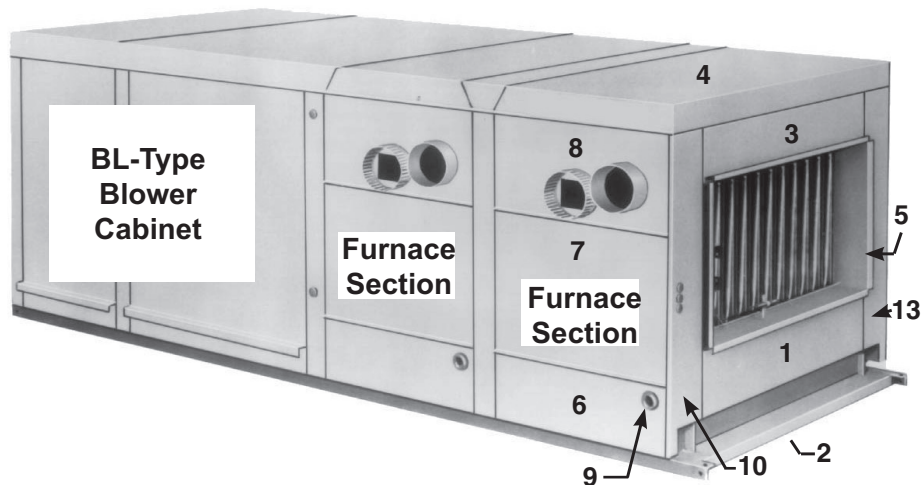
\*Quantity is one (1) unless otherwise indicated.

## CABINET COMPONENTS—CONTINUED

### NOTE:

Parts quantities listed in [Table 37](#) are for one (1) furnace section. Model SSCBL arrangements consist of one or more furnace sections and a BL-type blower cabinet in the following configurations:

- Unit size 400 = one (1) SC size 400 furnace section
- Unit size 500 = two (2) SC size 250 furnace sections
- Unit size 600 = two (2) SC size 300 furnace sections
- Unit size 700 = two (2) SC size 350 furnace sections
- Unit size 1050 = three (3) SC size 350 furnace sections
- Unit size 1200 = three (3) SC size 400 furnace sections



**Figure 18. Furnace Section Cabinet Components—Model SSCBL (Refer to [Table 37](#))**

Table 37. Furnace Section Cabinet Components (Model SSCBL)									
Item No.	Component	Description	Unit Size						
			400	500	600	700	800	1050	1200
			PN (Quantity)*						
1	Bottom panel	Front/rear	100042 (2)	100040 (2)	100041 (2)	100042 (2)	100041 (2)	100042 (2)	
2	Furnace bottom pan	Assembly, aluminized	113647	114936	114937	113647	114937	113647	
		Assembly, stainless steel	115713	115711	115712	115713	115712	115713	
3	Top panel	Front/rear	100035 (2)	100033 (2)	100034 (2)	100035 (2)	100034 (2)	100035 (2)	
4	Casing top	Assembly	100293	100291	100292	100293	100292	100293	
5	Furnace panel	Assembly, right side	103649						
6		Bottom left side	100125						
7		Center left side	113593						
8		Assembly, top left side	113646						
9	Grommet, vinyl	1/2-inch	—	102607	—				
		3/4-inch	15021	—	15021				
10	Furnace leg	Left rear	100013						
11		Left front (not shown)	100011						
12		Right rear (not shown)	100012						
13		Right front	100010						
14	Brace	Top seal (not shown)	100168	100166	100167	100168	100167	100168	
15	Filler assembly**	Top (not shown)	115693		115694	115692	115694 (2)	115692 (2)	
16	Filler**	Side (not shown)	105632 (2)				105632 (4)		
17	Duct connector**	Top/bottom (not shown)	106338 (2)		106339 (2)	106340 (2)	106339 (2)	106340 (2)	
18		Side (not shown)	106395 (2)						

\*Quantity is one (1) unless otherwise indicated.

\*\*Connector and filler part for connecting heat exchangers in model SSCBL units with two or three furnaces.

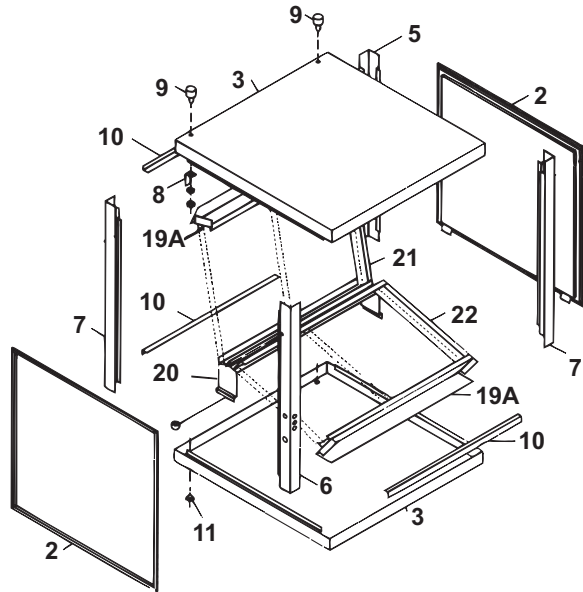


**NOTE: The filter rack and filters are optional and are not part of the blower cabinet.**

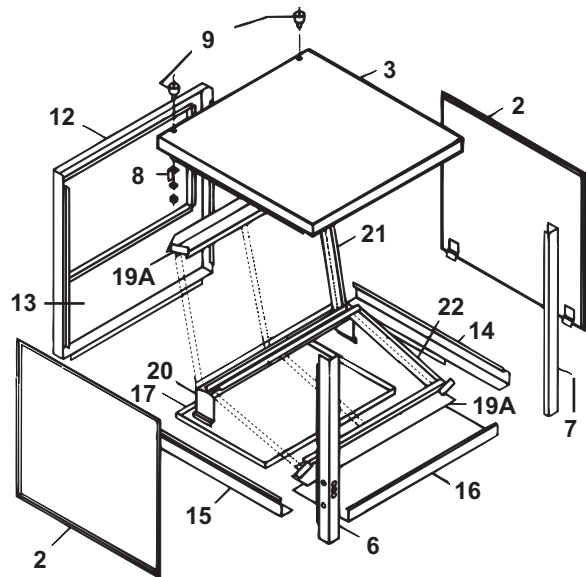
**Rear View of Model SCE Showing Standard Inlet Air Opening (Does Not Accommodate Dampers)**



**Item 1: Standard Blower Cabinet for Model SCE Units Manufactured after JUN 1984**



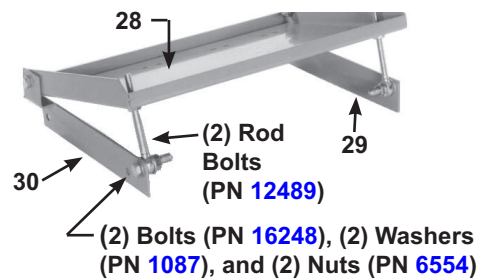
**Item 1: Optional Blower Cabinet that Accommodates Dampers**



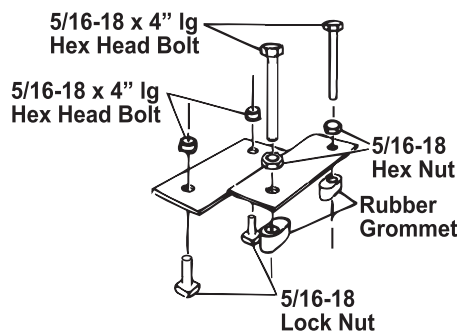
**Item 26: Mounting Bracket for <1 HP Motors**



**Items 28, 29, and 30: Motor Mounting Plate Assembly for ≥1HP Motors**



**Code 27: Motor Adjustment Bracket Assembly for <1HP Motors**



**Item 31: Replacement Rubber Feet and Hardware**



**Figure 19. Blower Section Cabinet Components—Model SCE (Refer to Table 38)**

## CABINET COMPONENTS—CONTINUED

<b>Table 38. Blower Section Cabinet Components (Model SCE)</b>										
Item No.	Cabinet Applicability	Component	Description	Unit Size						
				125	150, 175	200, 225	250, 300	350	400	
				PN (Quantity)*						
1	Standard	Cabinet** (not shown)	Shipped knocked down (assembly required)	12545	12546	12547	12548	12549	12550	
	Optional			84215	84216	84217	84218	84219	84220	
2	Standard	Door	Without insulation	51041 (2)		51042 (2)				
	Optional		With insulation	84221 (2)		84222 (2)				
3	Standard	Panel, top/bottom	Without insulation	11522 (2)	11529 (2)	11197 (2)	11564 (2)	11574 (2)	11583 (2)	
4	Optional	Panel, top	With insulation	11825	11842	11767	11856	11862	11777	
5	Standard	Support	Corner	11518		11211				
6	Standard or optional			11519		19982				
7	Standard			11517 (2)		11210 (2)				
	Optional			11517		11210				
8	Standard or optional			Hanger	10219 (2)					
9	Standard or optional	Hanger	Assembly	9557 (2)						
10	Optional	Angle	Duct connecting	11523 (2)	11530 (2)	11536 (2)	11567 (2)	11576 (2)	11584 (2)	
11	Standard or optional	Plug	1/2-inch	82413 (2)						
12	Optional	Panel, end	Without insulation	12075	12411	11540	12414	12029	11589	
13		Insulation	End panel	11158	11165	11167	11176	11180	11184	
14		Panel, bottom	Left side	11203						
15			Right side	11204						
16		Panel, rear	Bottom section	11526	11533	11392	11571	11580	11393	
17		Cap	Inlet	12513	12514	11538	12515	12516	11587	
18		Insulation (not shown)	Bottom	11155	11162	11167	11176	11180	11184	
19		Standard or optional	Filter rack** (not shown)	Without filters	24501	24503	24505	24507	24509	24511
19A	Support		Filter	19704 (2)	19710 (2)	19717 (2)	19723 (2)	19729 (2)	19736 (2)	
20	Filter support assembly		Intermediate	19708	19715	19721	19727	19734	19742	
21	Stop		Filter	—				19733	19740	
22				—				19741		
23	Filter, replacement (not shown)		2-inch, optional	Refer to <b>Table 41</b>						
		1-inch, optional	Field-supplied							
24	Optional	Inlet screen (not shown)	Without dampers (same as option AZ3)	109134	109135	109136	109137	109138	109139	
			With dampers (same as option AZ4)	109146	109147	109148	109149	109150	109151	
		Screen (not shown)	For horizontal and bottom openings, with dampers (same as option AZ5)	109152	109153	109154	109155	109156	109157	
25	—	Blower back (not shown)	Assembly	193986	194054	194093	193988	194063	194064	
26		Mounting bracket	Blower motor, for <1-HP motor	44409	44410		44409	44410		
27		Bracket assembly	Motor adjustment	44411						
28		Mounting plate	Blower motor, for ≥1-HP motor	194117	12579		194117	12579		
29		Support, blower motor mounting plate	Left	12576						
30			Right	12577						
31		Rubber feet	With mounting hardware	64940						
32		Blower (not shown)	Complete with shaft and bearings	1357	—		—			
				—	36429		—			
Right side, without shaft and bearings			—				36430	—		
			—				—	36432		
34		Left side, without shaft and bearings	—				36431	—		
				—		—	36433			

\*Quantity is one (1) unless otherwise indicated.

\*\*The filter rack is optional and fits either a standard or an optional cabinet. Assembly is required.

Table 38. Blower Section Cabinet Components (Model SCE)—Continued									
Item No.	Cabinet Applicability	Component	Description	Unit Size					
				125	150, 175	200, 225	250, 300	350	400
				PN (Quantity)*					
35	—	Blower shaft (not shown)	3/4 × 18 inches	11302	—		—		
			1 × 19 inches	—	11303		—		
			1 × 37-1/4 inches (options AY2 and AY3)	—		1042406	—		
			1 × 39-1/4 inches	—		10120	—		
			1 × 44-5/8 inches	—		—		10121	—
36	—	Key, square (not shown)	3/16 × 1-3/8 inches long	19361	—				
37	—	Blower bearing (not shown)	Ball SCF-3/4	7310 (2)	—				
			Ball SCR16-1	—	10437 (2)				

\*Quantity is one (1) unless otherwise indicated.

**NOTE:**

The bottom panels (item 1) and end panels (item 2) on model SSCBL units are either solid, with no opening, or 100% open. The cabinet options for which the panels are either solid or 100% open are as follows:

- Standard cabinet = solid bottom panel and 100% open end panel
- Optional cabinet (option AR4) = 100% open bottom panel and solid end panel
- Optional cabinet (options AR8 and AR9) = solid bottom panel and solid end panel
- Optional cabinet (options AR11, AR12, AR13, AR14, AR15, AR16, AR17, AR18, AR23, and AR24) = 100% open bottom panel and 100% open end panel

The model SSCBL blower cabinet and its components are shown in [Figure 20](#) and [Figure 21](#) and are listed in [Table 39](#).

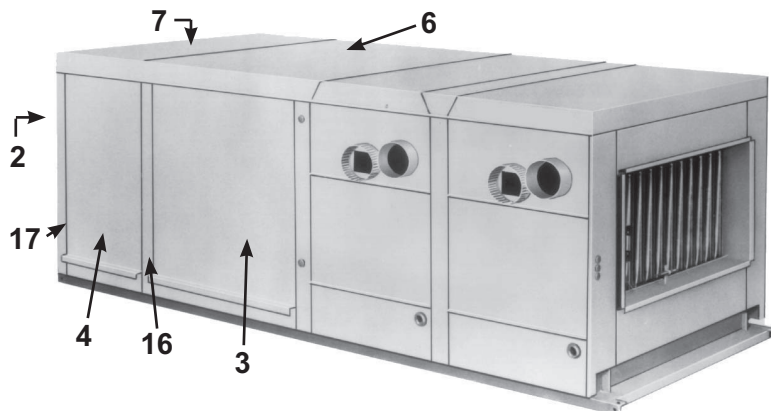


Figure 20. Blower Section Cabinet Components—Model SSCBL (Refer to [Table 39](#))

## CABINET COMPONENTS—CONTINUED

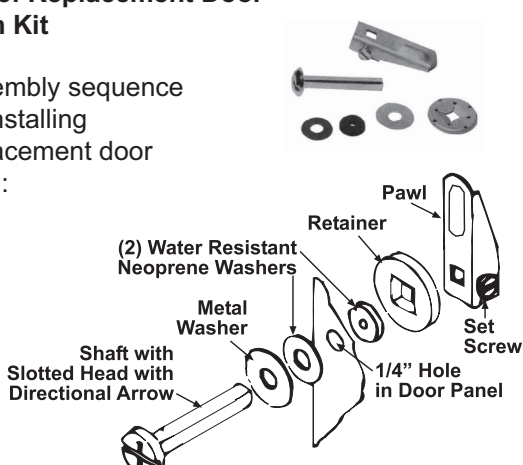
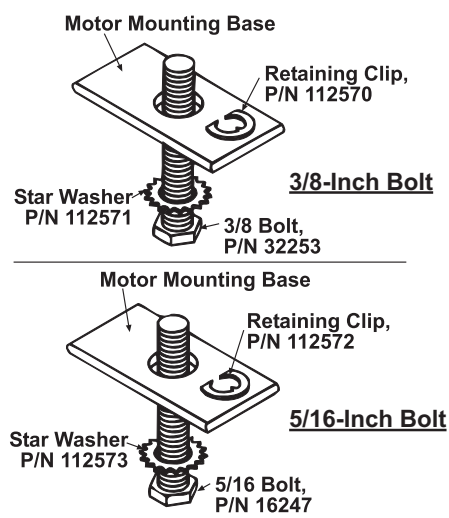
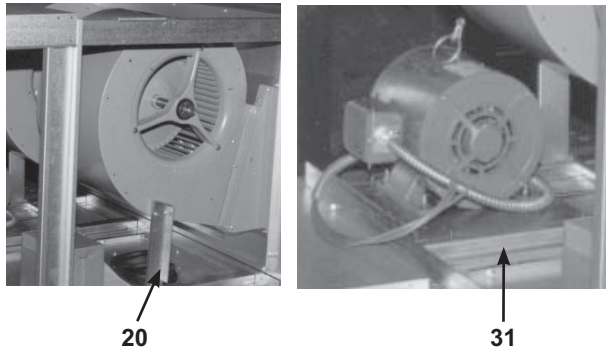
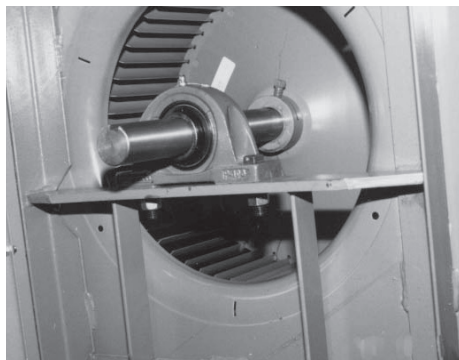
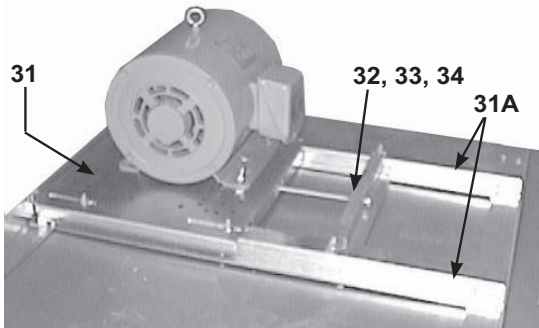
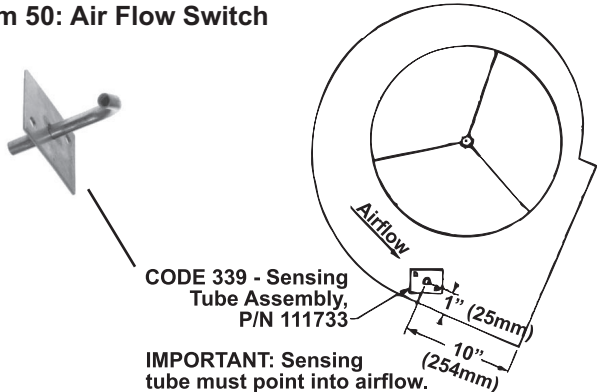
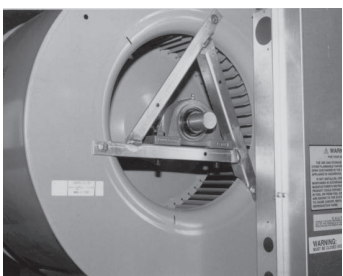
<p><b>Item 5: Replacement Door Latch Kit</b></p> <p>Assembly sequence for installing replacement door latch:</p> 	<p><b>Item 31: Motor-Mounting Plate Assembly</b></p> 
<p><b>Blower, Bearing Support, and Motor on Model SSCBL Unit with up to a 5-HP Motor</b></p> 	<p><b>Blower and Bearing on Model SSCBL Unit with a 15- or 20-HP Motor (Items 41–49)</b></p> 
<p><b>Parts for Motor Support, Mounting, and Adjusting</b></p> 	<p><b>Item 50: Air Flow Switch</b></p> 
<p><b>Triangular Blower Bearing Mount for 7-1/2- or 10-HP Motor (Item 51)</b></p> 	

Figure 21. Individual Blower Section Cabinet Components—Model SSCBL (Refer to Table 39)

**Table 39. Blower Section Cabinet Components (Model SSCBL)**

Item No.	Component	Description	Unit Size			Figure Reference
			500, 600	700, 1050	400, 800, 1200	
			PN (Quantity)*			
1	Bottom panel	Right half, solid (no opening)	106242	106243	106244	—
		Right half, return air (100% open)	105606	105607	106608	
		Left half, solid (no opening)	106238	106239	106240	
		Left half, return air (100% open)	104365	104366	104367	
2	End panel	Solid (no opening)	103620	103621	103622	Figure 20
		Solid (no opening), with double-wall construction (option AY3)	105550	105551	103552 (2)	
		100% open	103641	103642	103643	
		100% open, with double-wall construction (option AY3)	105544	105545	105546	
3	Blower door	Standard	100347 (2)			Figure 21
		With double-wall construction (option AY3)	104115 (2)			
4	Door assembly	Filter cabinet	106276 (2)			Figure 21
		Filter cabinet, with double-wall construction (option AY3)	107350 (2)			
5	Door latch	Replacement kit	112974			Figure 21
6	Top panel	Front section	106280	106281	106282	Figure 20
7		Rear section	106286	106287	106288	
8	Retainer	Insulation, top panel	107350	107351	107352	Figure 20
9		Filter cabinet top insulation retainer	107354	107355	107356	
10	Cabinet leg	#1, left	105603			—
11		#2, right	105604			
12	Corner post		114761 (2)			Figure 20
13	Cabinet leg cap	Left	100069			
14		Right	100071			
15	Post	Cabinet intermediate	114762 (2)			Figure 20
16	Cap	Cabinet intermediate post	104372 (2)			
17	Post cap	Corner	100072 (2)			Figure 20
18	Front panel	Cabinet top	105610	105611	105612	
19		Cabinet bottom	105614	105615	105616	
20	Blower support	Vertical, left	106299			Figure 21
21		Vertical, right	106943			
22		Horizontal	31576 (2)			
23	Cabinet support	End panel	100078	100079	100080	Figure 21
24	Support	Cabinet top	105600	105601	105602	
25		1-inch filters, bottom	114711	114712	114713	—
		2-inch filters, bottom	114715	114716	114717	
26	Filter rack assembly	1-inch filters, rear	114707 (2)	114708 (2)	114709 (2)	—
		2-inch filters, rear	114703 (2)	114704 (2)	114705 (2)	
27		1-inch filters, front	114695 (2)	114696 (2)	114697 (2)	—
		2-inch filters, front	114691 (2)	114692 (2)	114693 (2)	
28		1-inch filters, top	114719	114720	114721	—
		2-inch filters, top	114723	114724	114725	
29	Door seal	Top	95487 (2)			Figure 21
30	Back assembly	Blower cabinet adapter	163833	163834	148429	
31	Mounting plate	Motor, assembly	106295			Figure 21
31A	Support rail	Motor-mounting, for <15-HP motors	106698 (2)			
	Support assembly	Motor-mounting, for <15-HP motors with vibration isolation (option PC12) or for 15- and 20-HP motors	149008**			
32	Angle	Motor-adjustment	105633			Figure 21
		Motor-adjustment, for <15-HP motors with vibration isolation (option PC12) or for 15- and 20-HP motors	149010***			
33	Bolt	Motor-adjustment, 3/8-16 x 7 inches long	106275			Figure 21
34	Hex nut	Motor-adjustment, 3/8-16	1438			

\*Quantity is one (1) unless otherwise indicated.

\*\*Assembly includes both rails.

## CABINET COMPONENTS—CONTINUED

**Table 39. Blower Section Cabinet Components (Model SSCBL)—Continued**

Item No.	Component	Description	Unit Size			Figure Reference
			500, 600	700, 1050	400, 800, 1200	
			PN (Quantity)*			
***Allows the motor to be moved for drive adjustment.						
35	Blower housing and wheel	Lau 15 × 9, 1-3/16	106296 (2)	—		Figure 21
		Lau 15 × 11, 1-3/16	—	14469 (2)		
36	Blower shaft	1-3/16 × 37 inches long	106297	—		
		1-3/16 × 42-1/2 inches long	—	106298	—	
		1-3/16 × 48 inches long	—	—	13589	
37	Blower bearing	1-3/16, Fafair #E8317 for <5-HP motors	14474 (2)			
38	Vertical blower support	Right	106943			
39		Left	106299			
40	Bearing bracket	1-3/16, Lau #014431-02	24233 (2)			
41	Heavy duty blower	Right, Lau 15 × 9, for 15- and 20-HP motors	106935	—		
42		Left, Lau 15 × 9, for 15- and 20-HP motors	106936	—		
43		Right, Lau 15 × 11 for 15- and 20-HP motors	—	106937		
44		Left, Lau 15 × 11 for 15- and 20-HP motors	—	106938	106938	
45	Key	Blower shaft, used with heavy duty blowers	134638 (4)			
46	Blower shaft	Heavy duty blower, 1-7/16 × 42 inches long	106939	—		
		Heavy duty blower, 1-7/16 × 47-1/2 inches long	—	106940	—	
		Heavy duty blower, 1-7/16 × 53 inches long	—	—	106941	
47	Bearing	Pillow block, 1-7/16-inch bore, Dodge P2BS2107R (replaces PN 106942)	170108 (2)			
48	Class II blower support	Right side	149520			
49		Left side	149521			
50	Air flow switch	Sensing tube (part of option BW1)	111733			
51	Bearing mount	Triangular blower	—			
51A	Bearing support assembly	Left	112971			
51B		Right	112972			
51C	Bearing	Pillow block, 1/16, Sealmaster	112973 (2)			
51D	Capscrew	1/2-13 × 2, GR-8	111304 (4)			
51E	Nut	1/2-13, GR-8	111305 (4)			
51F	Lockwasher	1/2	111306 (4)			
51G	Capscrew	1/4-20	16246 (6)			
51H	Locknut	1/4-20	10650 (6)			

\*Quantity is one (1) unless otherwise indicated.

## FILTER ARRANGEMENTS

### NOTE:

- Filter arrangements for model SCE are shown in [Figure 22](#).
- Replacement filters for model SCE are listed in [Table 40](#) and [Table 41](#).
- Filter arrangements for model SSCBL and SSCDBL are shown in [Figure 23](#).
- Replacement filters for model SSCBL are listed in [Table 42](#).
- Replacement filters for model SSCDBL are listed in [Table 43](#).
- If replacing 1-inch filters, use locally-supplied filters in the size and type listed. Quantities listed in [Table 42](#) and [Table 43](#) apply to both 1- and 2-inch filters.

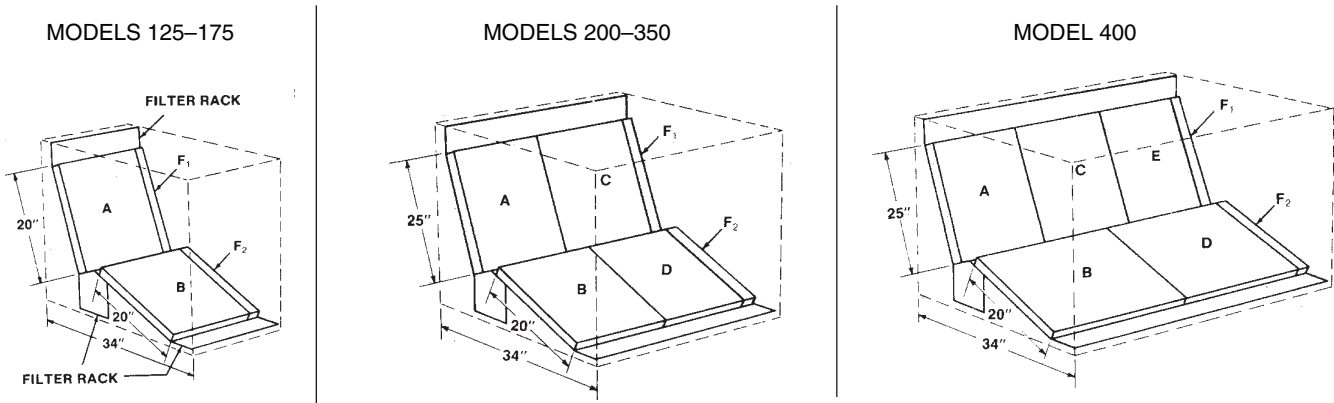


Figure 22. Filter Arrangements—Models SCE (Refer to Table 40 and Table 41)

Table 40. Filter and Metal Filler Specifications (Model SCE)							
Unit Size	Letter Designation (See Figure 22)						
	A	B	C	D	E	F1	F2
	Filters					Metal Fillers	
	Size (Inches)*						
125	20 × 20		—	—	—	—	—
150, 175	20 × 25		—	—	—	13/16	
200, 225	16 × 25	16 × 20	16 × 25	16 × 20	—	—	—
250, 300	20 × 25	20 × 20	20 × 25	20 × 20	—	—	—
350	20 × 25		—	20 × 20	—	4-13/16	—
400	16 × 25	20 × 25	16 × 25	20 × 25	16 × 25	2-5/8	1-1/16

\*Refer to Table 41 for PNs.

Table 41. Replacement Filters (Model SCE)							
Type	Size (Inches)	Unit Size					
		125	150, 175	200, 225	250, 300	350	400
PN (Quantity)							
Disposable	16 × 20 × 2	—		104097 (2)	—		—
	16 × 25 × 2	—		104099 (2)	—		104099 (3)
	20 × 20 × 2	104098 (2)	—	—	104098 (2)	104098 (1)	—
	20 × 25 × 2	—	104100 (2)	—	104100 (2)	104100 (3)	104100 (2)
Permanent	16 × 20 × 2	—		101620 (2)	—		—
	16 × 25 × 2	—		101622 (2)	—		101622 (3)
	20 × 20 × 2	101621 (2)	—	—	101621 (2)	101621 (1)	—
	20 × 25 × 2	—	101623 (2)	—	101623 (2)	101623 (3)	101623 (2)
Pleated	16 × 20 × 2	—		104110 (2)	—		—
	16 × 25 × 2	—		104112 (2)	—		104112 (3)
	20 × 20 × 2	104111 (2)	—	—	104111 (2)	104111 (1)	—
	20 × 25 × 2	—	104113 (2)	—	104113 (2)	104113 (3)	104113 (2)

## FILTER ARRANGEMENTS—CONTINUED

**Filter Arrangements for 1" or 2" Disposable Pleated Filters (Options AW2 and AW7)**

A	16 × 16
B	16 × 25
C	12 × 25
D	12 × 30

Blockoff Plates:  
(1) PN **106334**;  
(4) PN **114337**

**SSCBL 400, 800, 1200;**  
**SSCDBL 800, 1600 (2 sets)**

A	16 × 16
B	16 × 25
C	12 × 20
D	12 × 25

Blockoff Plates:  
(1) PN **106332**;  
(4) PN **114336**

**SSCBL 500, 600;**  
**SSCDBL 1000, 1200 (2 sets)**

A	16 × 25
B	12 × 20
C	12 × 30

Blockoff Plates:  
(1) PN **106332**;  
(4) PN **114336**

**SSCBL 700, 1050;**  
**SSCDBL 1400 (2 sets)**

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**Filter Arrangements for 1" or 2" Disposable Pleated Filters (Options AW10 and AW11)**

A	16 × 16
B	16 × 25
C	12 × 25
D	12 × 32

Blockoff Plates:  
(1) PN **106334**;  
(4) PN **114335**

**SSCBL 400, 800, 1200;**  
**SSCDBL 800, 1600 (2 sets)**

A	16 × 20
B	16 × 25
C	12 × 20
D	12 × 25

Blockoff Plates:  
(1) PN **106332**;  
(4) PN **114337**

**SSCBL 500, 600;**  
**SSCDBL 1000, 1200 (2 sets)**

A	16 × 25
B	12 × 20
C	12 × 32

Blockoff Plate:  
(1) PN **106333**

**SSCBL 700, 1050;**  
**SSCDBL 1400 (2 sets)**

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**Filter Arrangements for 1" or 2" Permanent Filters (Options AW8 and AW9)**

A	16 × 16
B	16 × 25
C	12 × 16
D	12 × 26

Blockoff Plate:  
(1) PN **106334**

**SSCBL 400, 800, 1200;**  
**SSCDBL 800, 1600 (2 sets)**

A	16 × 20
B	16 × 25
C	12 × 20
D	12 × 26

Blockoff Plate:  
(1) PN **106334**

**SSCBL 500, 600;**  
**SSCDBL 1000, 1200 (2 sets)**

A	16 × 25
B	12 × 26

Blockoff Plate:  
(1) PN **106332**

**SSCBL 700, 1050;**  
**SSCDBL 1400 (2 sets)**

Figure 23. Filter Arrangements—Models SSCBL and SSCDBL (Refer to Table 42 and Table 43)

		Table 42. Replacement Filters (Model SSCBL)		
Type	Size (Inches)	Unit Size		
		400, 800, 1200	500, 600	700, 1050
		PN (Quantity)		
Disposable	12 × 20 × 2	—	<b>114317</b> (4)	<b>114317</b> (4)
	12 × 25 × 2	<b>114318</b> (4)	<b>114318</b> (4)	—
	12 × 30 × 2	<b>114323</b> (4)	—	<b>114323</b> (4)
	16 × 16 × 2	<b>104101</b> (2)	—	—
	16 × 20 × 2	—	<b>104097</b> (1)	—
	16 × 25 × 2	<b>104099</b> (1)	<b>104099</b> (1)	<b>104099</b> (2)
Permanent	12 × 16 × 2	<b>114325</b> (8)	—	—
	12 × 20 × 2	—	<b>114321</b> (4)	<b>114322</b> (8)
	12 × 26 × 2	—	<b>114322</b> (4)	—
	16 × 16 × 2	<b>104103</b> (2)	—	—
	16 × 20 × 2	—	<b>101620</b> (1)	—
	16 × 25 × 2	—	<b>101622</b> (1)	<b>101622</b> (2)
Pleated	12 × 20 × 2	—	—	<b>114319</b> (4)
	12 × 25 × 2	—	<b>114320</b> (4)	—
	12 × 32 × 2	<b>114324</b> (4)	—	<b>114324</b> (4)
	16 × 16 × 2	<b>104109</b> (2)	—	—
	16 × 20 × 2	—	<b>104110</b> (1)	—
	16 × 25 × 2	<b>104112</b> (1)	<b>104112</b> (1)	<b>104112</b> (2)



Table 43. Replacement Filters (Model SSCDBL)			
Type	Size (Inches)	Unit Size	
		800, 1600	1000, 1200
		PN (Quantity)	
		1400	
Disposable	12 × 20 × 2	—	114317 (8)
	12 × 25 × 2	114318 (8)	—
	12 × 30 × 2	114323 (8)	—
	16 × 16 × 2	104101 (4)	—
	16 × 20 × 2	—	104097 (2)
	16 × 25 × 2	104099 (2)	104099 (4)
Permanent	12 × 16 × 2	114325 (16)	—
	12 × 20 × 2	—	114321 (8)
	12 × 26 × 2	114322 (8)	114322 (16)
	16 × 16 × 2	104103 (4)	—
	16 × 20 × 2	—	101620 (2)
	16 × 25 × 2	101622 (2)	101622 (4)
Pleated	12 × 20 × 2	—	114319 (8)
	12 × 25 × 2	114320 (8)	—
	12 × 32 × 2	114324 (8)	—
	16 × 16 × 2	104109 (2)	—
	16 × 20 × 2	—	104110 (2)
	16 × 25 × 2	104112 (2)	104112 (4)

## DAMPER COMPONENTS

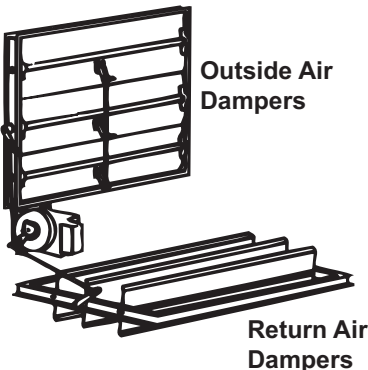
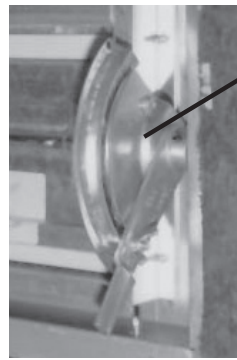
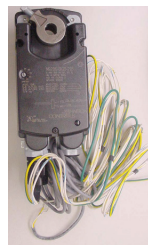

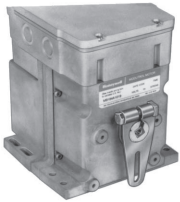

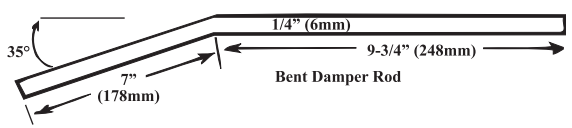
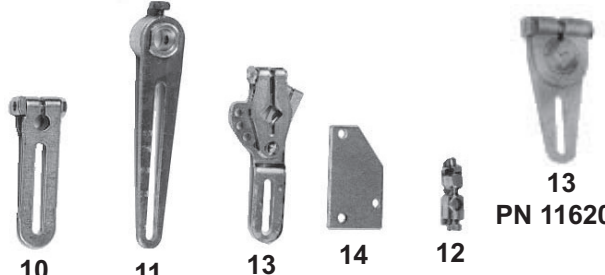
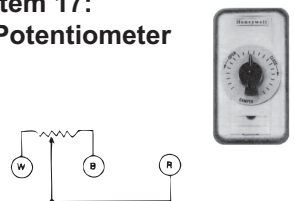

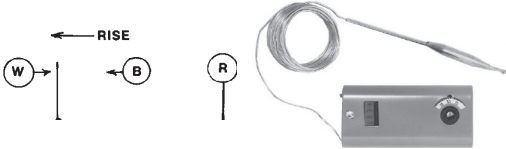


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### NOTE:

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- Dampers and damper controls apply to models SCE and SSCBL.
  - Damper components are shown in [Figure 24](#).
  - Damper components are listed in [Table 44](#) along with their applicable AR option for BL-type blower cabinets.
-

## DAMPER COMPONENTS—CONTINUED

<p><b>Item 1: Damper and Frame Assembly</b></p>  <p style="text-align: right;">Outside Air Dampers</p> <p style="text-align: right;">Return Air Dampers</p> <p>Damper Motor and Linkage</p>	 <p><b>Item 2: Hand Quadrant</b></p> <p><b>Item 3: Manual Damper Control Bracket</b></p>	
<p><b>Item 4: Actuator</b></p> 	<p><b>Item 7: Modulating Damper Motor</b></p> 	
<p><b>Item 6: Modulating Damper Motor</b></p> 		
<p><b>Item 9: Bent Damper Rod</b></p>  <p style="text-align: center;">Bent Damper Rod</p>	<p><b>Items 10 through 14: Damper Linkage</b></p>  <p style="text-align: right;"><b>13</b> PN 116209</p> <p style="text-align: center;"><b>10</b>   <b>11</b>   <b>13</b>   <b>14</b>   <b>12</b></p> <p style="text-align: center;">PN 20874</p>	
<p><b>Item 17: Potentiometer</b></p> 	<p><b>Item 18: Mixed Air Controller</b></p>  <p><b>Item 18A: Grommet Clamp</b></p>	<p><b>Item 19: Outside Air Controller</b></p> 
<p><b>Item 20: Pressure Null Switch</b></p> 	<p><b>Item 21: DDC Interface Module</b></p> 	

**Figure 24. Dampers and Damper Control Components—Models SCE and SSCBL (Refer to Table 44)**

**Table 44. Dampers and Damper Control Components (Models SCE and SSCBL)**

Item No.	Component	Description	PN	AR Option**
1	Damper and frame assembly*	Unit sizes 100 and 125 (model SCE)	105421	—
		Unit sizes 150 and 175 (model SCE)	105422	
		Unit sizes 200 and 225 (model SCE)	105423	
		Unit sizes 250 and 300 (model SCE) and 500 and 600 (model SSCBL)	105424	
		Unit sizes 350 and 400 (model SCE) and 700 and 1050 (model SSCBL)	105425	
		Unit sizes 400, 800, and 1200 (model SSCBL)	105426	
2	Hand quadrant	#14004728-001	103502	AR6, AR11
3	Bracket	Manual damper control, replaces PN 103488	143182	
			175428	
4	Actuator	Two-position, M/H MS8105A1130/U (used on model SSCBL <i>after</i> 19 APR 2012)	263939	AR7, AR8, AR17
5	Replacement kit (not shown)	For two-position damper actuators, includes damper motor for two-position damper (open/closed, PN 209351), mounting kit, and crankarm, for field-replacement of discontinued motors (PNs 66276 and 97385)	209423	AR7, AR8, AR14, AR17
6	Damper motor	Modulating, optional, requires auxiliary switch kit (item 5A, PN 145881) (not shown)	202091	AR23
		Modulating, floating (with pressure null switch)	115683	
7		Modulating, no end switch (replaces PN 53928) (not shown)	115681	AR9, AR12, AR13, AR15, AR16, AR18, AR25
		Modulating, requires auxiliary switch kit (item 5A, PN 145881) (replaces PN 96767)	115682	
7A	Support	Motor (not shown)	100315	
8	Damper rod	1/4 × 12 inches long (not shown)	11561	AR13, AR15, AR16, AR18, AR23
		1/4 × 13 inches long (not shown)	112554	AR7, AR8, AR12, AR14, AR17, AR25
		1/4 × 18 inches long (not shown)	11560	AR7, AR8, AR14, AR17
		1/4 × 17 inches long (not shown)	112556	AR9, AR12, AR13, AR15, AR16, AR18, AR23, AR25
9		Bent	105420	AR11
10	Arm	Damper rod	66278	AR7
11		Damper, M/H #20265	12635 <sup>†</sup>	AR7, AR8, AR9, AR11, AR12, AR13, AR14, AR15, AR16, AR17, AR18, AR23, AR25
12	Ball and socket	M/H #27518	12636 <sup>††</sup>	
13	Crank arm	M/H #221455A, used with motor PNs 115682, 115683, and 115681 (currently-manufactured units)	116209	AR9, AR12, AR13, AR15, AR16, AR18, AR23, AR25
		M/H #7616BR, used with motor PNs 53928, 87059, and 96767	20874	
14	Support plate	Damper arm	14225	AR11
15	Adjustment plate	Damper arm (not shown)	115687	AR12, AR13, AR14, AR15, AR16, AR17, AR18
			142982	AR23
16	Support bracket	Air controller (not shown)	103758	AR9, AR12, AR13, AR14, AR16, AR18
17	Potentiometer	M/H #112894FA	16110	AR9, AR13, AR15, AR18
18	Controller	Mixed air, M/H #T991A-1004	16109	AR12, AR13, AR16
18A	Clamp	Grommet	39224	
19	Controller	Outdoor air, J/C#A19AAF-120 (replaces PN 16108)	126170	AR14, AR15, AR16
20	Null switch	Pressure, Dwyer #1640-0, range 0.01–0.20 IN WC	88052	AR23
21	DDC interface module	4–20ma, for use with modulating damper motor, Honeywell #Q7230A	171134	AR25

\*For 100% outside air or return air dampers (includes one frame with damper blades only).

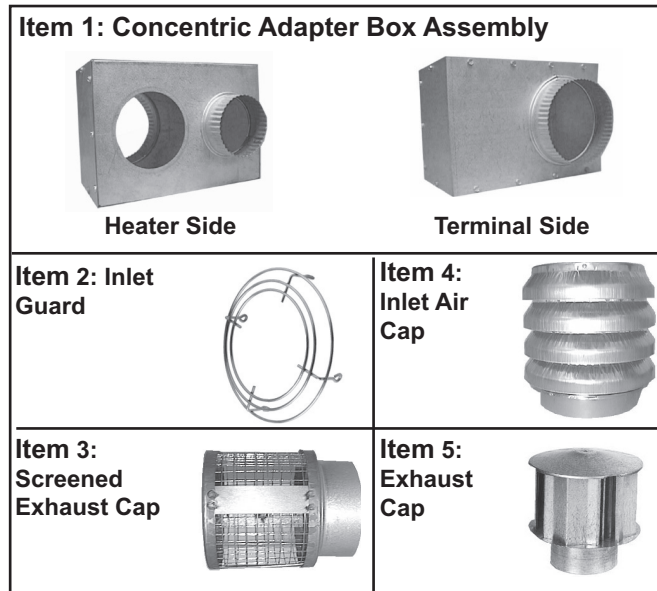
\*\*Refer to wiring diagram for applicable motorized AR option.

<sup>†</sup>Quantity = one (1) for options AR7 and AR9, two (2) for options AR8, AR11, AR12, AR13, AR15, AR16, AR18, AR23, and AR25, or three (3) for options AR14 and AR17.

<sup>††</sup>Quantity = two (2) for options AR7, AR8, and AR9 or four (4) for options AR11, AR12, AR13, AR14, AR15, AR16, AR17, AR18, AR23, and AR25.

## VENT TERMINAL/COMBUSTION AIR INTAKE COMPONENTS

**NOTE:** Vent terminal/combustion air intake components are required on all SC series models (one per furnace).



**Figure 25. Vent Terminal/Combustion Air Intake Components (Refer to Table 45)**

<b>Table 45. Vent Terminal/Combustion Air Intake Kits</b>			
Item No.	Component	Horizontal Vent Kit PN (Option)	Vertical Vent Kit PN (Option)
		205883 (CC6)	205896 (CC2)
		Component PN (Quantity)*	
1	Concentric adapter box assembly	205885	
1A	Concentric adapter box bracket (not shown)	207232 (2)	
2	Inlet guard, replaces inlet screen	205894	—
2A	Screw, #10-16 × 1/2-inch-long	37661 (4)	
3	Screened exhaust cap	53316	—
4	Inlet air cap	53330	
5	Exhaust cap	110052	
6	Sealant, silicone, tube, high temperature, 450°F (not shown)	53335	

\*Quantity is one (1) unless otherwise indicated.



Specifications and illustrations subject to change without notice or incurring obligations.  
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**SC-SCE-SSCBL-SSCDBL-RPL (02-23) 269822-E**

