



Unvented Mains Pressure System

The best of the old & the new

POWER*flow* 2000 is the upgraded successor of the highly successful, original **POWER***flow*, which was first developed in the early 90's.

Using the experience we have gained over these years, we have been able to develop our unit, concentrating on **Ease of Installation**, **Reliability** and a **Reduction in Maintenance**. High efficiency solar coils can also be fitted to utilise free sustainable energy from the sun.

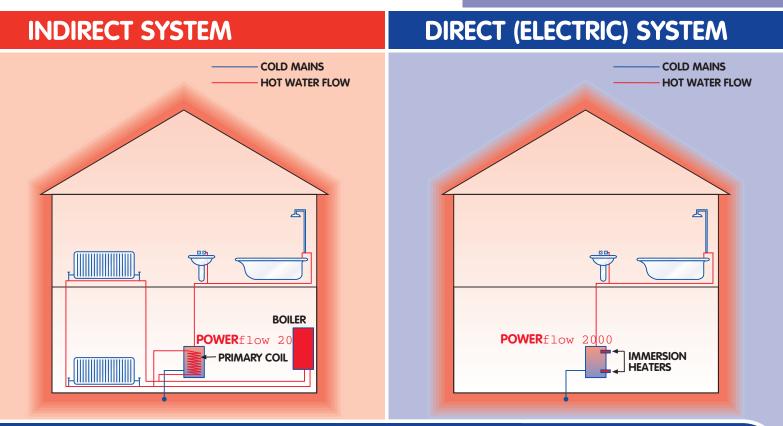
By using compression fittings and pre-piping the discharge valves, **POWER***flow* 2000 is the easiest unvented unit to install and by having an external expansion vessel is much easier to service and maintain.

WHY CHOOSE POWER flow 2000

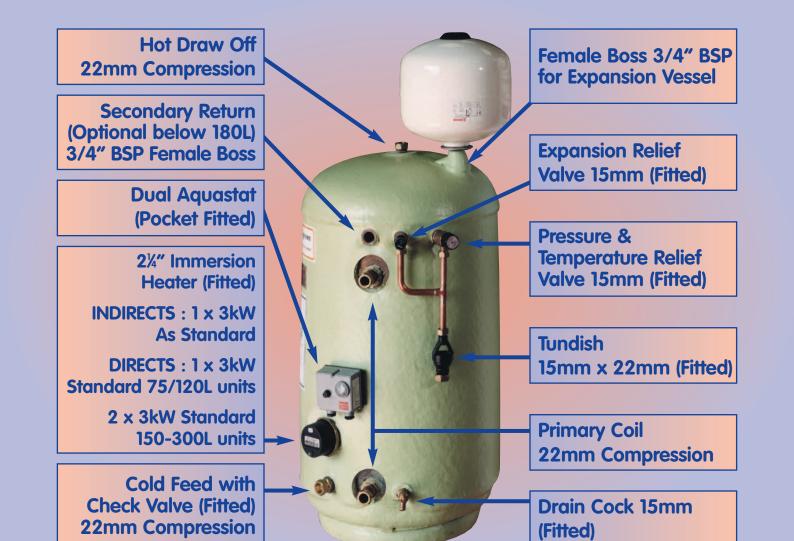
- Fabulous Performance
- Reliable 25 year guarantee
- Reduced Maintenance
- Very Easy to Install
- No Anode
- Produced by the UK's most experienced cylinder manufacturer

THE ADVANTAGES OF COPPER

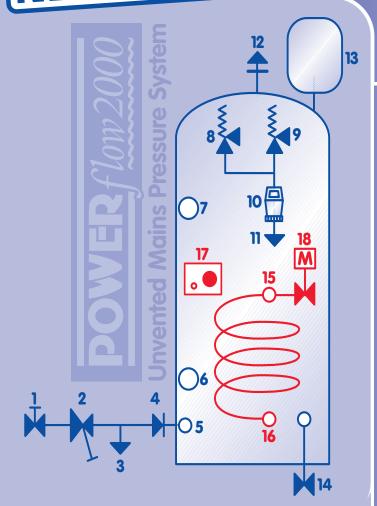
- Tried and tested material
- Proven to be healthy and safe
- Long-lasting
- Recyclable 100% recycled, which benefits the environment



HELPLINE 01592 611123



NEW IMPROVED



POWER flow 2000

Unvented Mains Pressure System

- I. Isolating Valve
- 2. Pressure Reducing Valve Set @ 2.1 Bar c/w Strainer *
- 3. Balanced Cold Outlet
- 4. Check Valve #
- 5. Cold Feed #
- 6. Immersion Heater #
- 7. Immersion Heater # (only standard on 150 Litre Direct Upwards)
- 8. Expansion Relief Valve #
- 9. Pressure & Temperature Relief Valve #
- 10. 15 x 22mm Visible Discharge Tundish #
- II. Discharge in 22mm
- 12. Hot Draw Off #
- 13. Expansion Vessel *
- 14. Drain Cock #

INDIRECTS ONLY

- 15. Primary Flow #
- 16. Primary Return #
- 17. Thermostat c/w non self re-setting Thermal Cut-out *
- 18. 2 Port Motorised Zone Valve *
- * Supplied# Supplied & Fitted

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POWERflow2000

Unvented Mains Pressure System ECHNICAL

TECHNICAL DATA

Size Including Insulation

925 x 450mm

925 x 550mm

1125 x 550mm

1325 x 550mm

1525 x 550mm

1525 x 600mm

1825 x 600mm

SIZING GUIDE		
Installation	Indirect	Direct
I Bedroom + Bath / Shower	75/120	120/150
2 Bedroom + Bath / Shower	150	180
3 Bedroom + 2 Baths / Shower	180	210
4 Bedroom + 2 Baths / Shower	210/250	250/300
Larger Properties (Phone Technical Help)	300+	300+

Other sizes and capacities readily available on request*

SUPPLIED WITH ALL UNITS

Check Valve

(Fitted)







Expansion

Relief Valve (Fitted)



Tundish

(Fitted)

Vessel

Expansion

250L 450x290

300L 450x290

DIMENSIONS

Capacity (Litres)

75

120

150

180

210

250

300

INDIRECT UNITS ONLY





Dual Thermostat Control + Hi Limit

2 Port Motorised Zone Valve



Expansion Vessel

and 300L units)



Cased White Goods Finish (Standard on 250L

22mm Pressure **Reducing Valve** Set @ 2.1 Bar



50mm Foam

Insulation



Drain-Cock



Temp / Press Relief

Valve (Fitted)

3kW Immersion Heaters One standard on all indirects. One on 75 + 120 directs. Two on 150 direct upwards. Extras available as option.



Compression Fittings where applicable

OPTIONS

- Solar or Heat Pump High Efficiency Coil Fitted
- **Connections Sited to Suit Installation** •
- **Super Fast Recovery Finned Coil**
- **Individually Tailored Units** •
- Secondary Return
- Larger Diameter Valves
- 28mm Coil Connections (For Gravity)

McDONALD ENGINEERS FLEMINGTON ROAD **OUEENSWAY INDUSTRIAL ESTATE GLENROTHES FIFE KY7 5QF**

Tel: 01592 611123 Fax: 01592 611166 sales@mcdonald-engineers.com www.mcdonald-engineers.com POWER/flow 2000 is a Trade Mark of McDonald Engineers. rement the manufacturers reserve the right to change the specifications and design without notice In the interests of continued improve

Warranty Terms & Conditions

The POWER flow 2000 Shell carries a 25 Year Guarantee against faulty manufacture or materials. The shell will be repaired or replaced at the manufacturer's discretion, provided the following are satisfied:-

- The unit has been correctly installed as per the manufacturer's instruction booklet and all appropriate current legislation, codes of practice and regulations, current at time of installation.
- The unit must be serviced annually as per the manufacturer's instruction booklet and a service record must be kept in the Annual Service Record Card. Proof of service invoices may be required.
- Within 60 days of installation, the user completes and returns the warranty card with proof of purchase. The warranty will not be activated if this is not done.

The unit has only been used for potable water from a mains supply.

The unit has not been frost damaged, over-pressurised or modified. Any replacement valves must be supplied from the manufacturer. The **POWER** flow 2000 controls are guaranteed for a period of 2

years from date of sale.

The warranty does not cover any removal, re-installation or consequential costs.

This warranty does not affect your statutory rights.





