SOLFEX HEAT PUMP AND SOLAR CYLINDERS

CITY PLUMBING

SOLFEX CYLINDERS

All our universal heat pump cylinders feature a unique high flow, high gain, full bore coil design which we manufacture in house, to provide superior performance.

The Solfex is fitted and supplied with all the required components and controls (shown opposite) to provide seamless compatibility with your chosen heat pump.

SPECIFICATION

- Universally compatible with any heat pump.
- Supplied with a manufacturer's backed 25 year cylinder warranty and 2 years parts warranty.
- Available in capacities from 120ltr - 300ltr.
- Manufactured from high grade 1mm thick Duplex Stainless Steel.
- Fully insulated with 50mm 100% CFC and HCFC free polyurethane to minimise heat loss.
- High quality 100% recyclable white casing.
- Supplied with high quality unvented components.
- All plumbing connections are clearly identified with their description embossed into the cylinder case.
- Supplied with 22mm hot and cold connections.
- 12mm sensor probe pocket included for heat pump controls.
- Market leading and highly efficient primary coil to ensure rapid exchange of heat from heat pump.
- Long-life 3kW Incoloy immersion heater supplied as standard.
- Immersion heater upgrades available upon request - i.e. Titanium or 6kW.
- Supplied with all safety controls as required by UK Building Regulations.

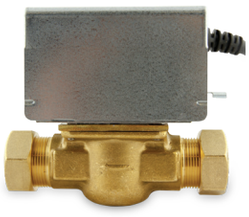
SOLFEX HEAT PUMP EFFICIENCY
MARKET LEADING HEAT EXCHANGER

The Solfex heat pump cylinder is fitted with a market leading high efficiency heat exchanger (coil) with an enhanced surface area to ensure the rapid transfer of the low temperature inputs of ground & air source heat pumps.

The Solfex heat pump range comes complete with all the fittings you will need for a complete trouble free installation. All the items provided in the unvented kit, ensure your installation meets Part G of the Building Regulations.

ACCESSORIES SUPPLIED WITH STANDARD HEAT PUMP CYLINDERS

COLD WATER INLET SET



TWO PORT ZONE VALVE 28MM

HIGH LIMIT STAT

TUNDISH

3kW IMMERSION HEATER

T&P RELIEF VALVE

T&P COVER

EXPANSION VESSEL AND BRACKET

HEAT PUMP CYLINDER

Description	Product Code	City Plumbing Product Code	Nominal Capacity (L)	Weight (KG)	Weight full (KG)	Height (mm)	Diameter (mm)	Heat Pump Coil Surface Area (m^2)	Standing Heat Loss		Secondary Return Included as standard	ERP BAND
									kWh/ 24h	WATTS		
120L	SFHPD3120	165367	120	27	145	945	545	1.61	1.06	42	✗	B
150L	SFHPD3150	165366	150	31	181	1130	545	2.08	1.22	44	✗	B
180L	SFHPD3180	165365	180	35	202	1314	545	2.08	1.47	61	✗	C
200L	SFHPD3200	165364	200	40	235	1444	545	2.97	1.55	65	✓	C
250L	SFHPD3250	165362	250	45	289	1752	545	2.97	1.85	77	✓	C
300L	SFHPD3300	165361	300	50	330	1975	545	2.97	2.13	89	✓	C

HEAT PUMP SLIMLINE

Description	Product Code	City Plumbing Product Code	Nominal Capacity (L)	Weight (KG)	Weight full (KG)	Height (mm)	Diameter (mm)	Heat Pump Coil Surface Area (m^2)	Standing Heat Loss		Secondary Return Included as standard	ERP BAND
									kWh/ 24h	WATTS		
150L	SFHPS3150	165358	150	34	184	1535	475	1.61	1.42	59	✗	B
170L	SFHPS3170	165357	170	37	207	1710	475	2.08	1.70	71	✗	C

TWIN COIL SOLAR UNVENTED

Description	Product Code	City Plumbing Product Code	Nominal Capacity (L)	Weight (KG)	Weight full (KG)	Height (mm)	Diameter (mm)	Coil Rating KW	Reheat Time (mins)	Immersion heater(s)	Standing Heat Loss		ERP BAND
											kWh/ 24h	WATTS	
180 L	SFSIN0180	165356	180	34	204	1314	545	17.8/ 17.87	18	1	1.40	56	B
200 L	SFSIN0200	165355	200	37	237	1444	545	18.76/ 18.48	21	1	1.44	60	B
250 L	SFSIN0250	165354	250	45	295	1752	545	19.65/ 19.21	24	1	1.75	73	C
300 L	SFSIN0300	165353	300	49	349	1975	545	21.24/ 20.16	27	1	2.04	85	C

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