

PowerCyl - RI F1 - for higher pressures and flow rates



The OSO PowerCyl is well suited for use with the SuperStream accumulators, see page 15.

Indirect unvented cylinder with high flow rate

The PowerCyl cylinders come standard with 1" hot and cold connections for high flow rates, and can operate at up to 6 bar pressure. The PowerCyl has large heating coils for fast heating times, and low heat loss due to the OSO ECO Foam insulation. Dedicated secondary return and a 25 year cylinder guarantee.

PowerCyl cylinders are supplied with an adjustable pressure reducing valve to be set between 1 and 5 bar. This enables the cylinder to supply showers requiring very high pressures and to locate the cylinder at low level and enable water to be sent to higher floors and maintain good pressure at the outlet. Oversized expansion vessels are supplied to cope with the higher pressures involved.

1" hot and cold connections can deliver nearly double the flow rate of a standard cylinder. PowerCyl is ideal where multiple showers/baths are fitted in the property. It is often used in light commercial situations such as hotels/guesthouses and can be banked together to increase capacity and flow rate. Where mains flow rate is insufficient, PowerCyl is a perfect partner to the SuperStream system described opposite.

PowerCyl is designed to be supplied by mains water, but can equally work with boosted water from a break tank and pump set.

Heating coils in OSO cylinders are made of smooth coil that will not encourage lime-scale deposits and offer longer and more efficient life than finned or rippled coils. OSO coils have increased length compared to finned coils, carry more heating fluid and therefore have a greater heat transfer capacity.

ADVANTAGES

- 1" hot and cold connections for larger households
- Adjustable pressure reducing valve up to 5 bar
- Large heating coils for fast heating times

PRODUCT DATA

Guarantee	Tank 25 yrs* - parts 2 yrs
Insulation	ECO Foam - water based
Certification	CE / KJWA
El. element	5/4" thread
Thermostat	40-70°C (preset 60°C)
Exp. vessel	External
Safety valve	10 bar/90-95°C - fitted

*Subject to T&C

Technical Data Fiche

Prod. No.	Product code:	Capacity persons	Weight kg.	DiaxHeight mm.	Coil rating kW*	Recovery time min.	Volume L	Heat loss kWh/d	Heat loss W	Rating ErP
132 6520	RI F1 250 - 3kW/1x240V+coil 0.9m ²	5.5	56	ø580x1400	16.6	27	233	1.91	74	C
132 6620	RI F1 300 - 3kW/1x240V+coil 0.9m ²	6.5	68	ø580x1600	16.1	33	271	2.11	82	C
132 7620	RI F1 380 - 3kW/1x240V+coil 0.9m ²	7.5	91	ø580x2090	17.2	40	364	2.65	103	C

*Tested to BS EN 12897