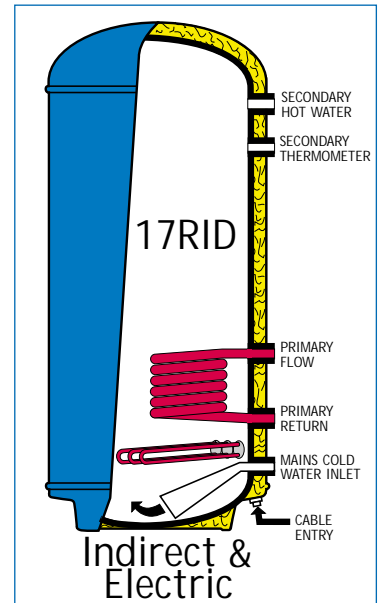
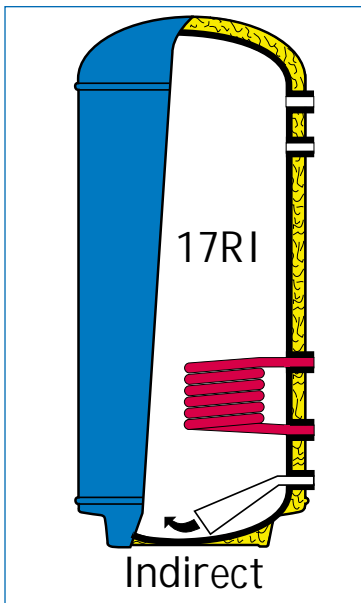
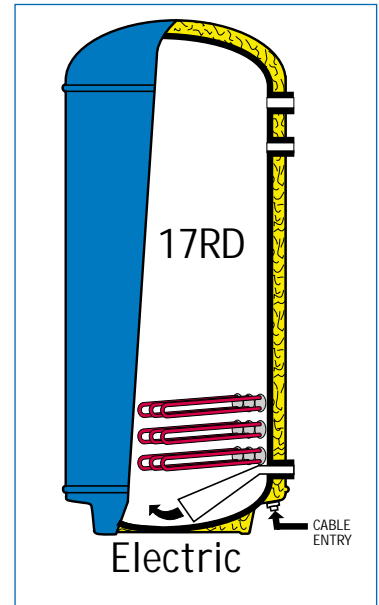
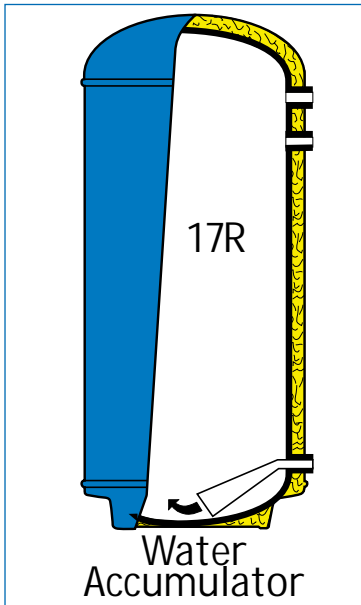




- builds water heaters for the future

17 SERIES – A REAL POWER PACK



The OSO 17 series hot water cylinder is available in nine storage capacities. The secondary water can be heated by electric immersion heaters or indirect flow and return heating from a boiler. If required the cylinder can be supplied for connection to both heat sources. Alternatively the 17 series can be supplied without any form of secondary heating for use as a water accumulator.

- Cylinders with capacities up to 809 litres manufactured in stainless steel or copper lined steel.
- Sacrificial anode supplied with all stainless steel cylinders.
- Cylinders over 809 and up to 8847 litres manufactured from copper lined steel.
- Cylinder factory pressure tested to 15 BAR.
- Secondary maximum working pressure 10 BAR.
- All units manufactured to the international standard ISO/DIS 2694 (BS 5500)
- All units supplied with 1" BSP secondary return as standard, larger sizes available upon request.

CYLINDER CONSTRUCTION (UNITS OVER 809 LITRES)

Manufactured from copper lined steel having a uniform thickness with all seams fusion welded. Every unit is factory pressure tested to 15 bar and has a working pressure of 10 bar.

INSULATION:

CFC free conventional glass wool. The insulation will not encourage vermin or bacteria and is not susceptible to damage from moisture. The outer casing is manufactured from plastic coated mild steel having an attractive blue finish.

IMMERSION HEATERS:

If the cylinder is required to be heated by immersion heaters please specify at time of ordering. Elements supplied can be single or three phase, whichever option is required the cylinder will be supplied with the elements factory fitted. Control of elements being by individual factory fitted and hard wired surface mounted thermostats. The working thermostat's are adjustable between 55°C and 85°C, a non adjustable safety cut out is incorporated in the design and will operate at 93°C +/- 3°C.

SECONDARY EXPANSION:

Expansion of secondary water is accommodated internally in a self initiating air gap.

VALVES & GAUGES:

As standard each cylinder will be supplied with a pressure & temperature relief valve(s) sized to the maximum KW loading and a secondary thermometer range 0°C to 120°C.

GENERAL: (* Supplied as an extra) *Mains cold water inlet valve set comprising isolating valve and check valve. *Secondary hot water blending valve which allows secondary water to be blended between 55°C and 85°C. The blending set comprises a check valve, anti vacuum valve and a thermometer. Also incorporated within the valve is a second draw off point which allows hot water to be used at the cylinder store temperature. Note anti vacuum valve not incorporated in 22mm blending valve. While the height and diameter of the units can not be altered the position and quantity of extra thermostat bosses, size of flow, returns and secondary returns can in most instances be altered to suit your particular requirements. The 17 series can be supplied with an inspection manhole and PN flanges at extra cost.

INSTALLATION:

OSO cylinders are designed for connection directly to the cold mains supply or to a pressurised water source ie. storage tanks and booster pumps. Cylinders should be installed vertically on a suitable base.

OSO cylinders can if required be installed on a conventionally open vented system ie. cold water storage gravity feed tank with open vent to atmosphere. If the cylinder is to be installed this way you must specify OPEN VENTED SYSTEM when ordering. Water jacketed calorifiers are also available from 505 litres up to 10000 litres.

OSO (UK) Limited also supply a range of direct and indirect unvented cylinders with capacities from 100 litres to 330 litres suitable for domestic and smaller commercial applications.

THE 17 SERIES CAN BE SUPPLIED IN 4 VARIATIONS:-

17R No Built-in Heat Source – Water Accumulator.

17RD Built-in Electric Immersion Heaters.

17RI Built-in High Recovery Coil Heat Exchanger for water/steam.

17RID Built-in Coil Heat Exchanger and Immersion Heaters.

TECHNICAL INFORMATION

Capacity Litres	Diameter	Height	Dry Weight KG		Max KW Rating Code 17RI	Max KW Rating 17RD	Max KW Rating 17RID	Water Accumulator R	Hot Cold BSP Female	Flow Return BSP Female
505	780	1900	180	600	[*] 35 [*] / [*] 53	90 [*]	[*] 15+ [*] 35 [*] / [*] 53	-	1.5"	1"
700	1000	1850	240	750	[*] 35 [*] / [*] 53/ [*] 70	90 [*]	[*] 15+ [*] 35 [*] / [*] 53/ [*] 70	-	1.5"	1"
809	1000	2100	300	1000	[*] 53/ [*] 70	90 [*]	[*] 15+ [*] 53/ [*] 70	-	1.5"	1"
1311	1200	2150	550	1500	[*] 170	100 [*]	[*] 50+ [*] 170	-	2"	1.5"
1611	1300	2200	800	2000	[*] 170	100 [*]	[*] 50+ [*] 170	-	2"	1.5"
2299	1500	2300	1100	3000	[*] 170	150 [*]	[*] 75+ [*] 170	-	2"	1.5"
4129	1800	2850	1400	5000	[*] 250	150 [*]	[*] 75+ [*] 250	-	2"	2"
6197	1900	3500	1800	7000	[*] 250	150 [*]	[*] 75+ [*] 250	-	2"	2"
8847	1900	4600	2600	10000	[*] 250	150 [*]	[*] 75+ [*] 250	-	2"	2"

Alternative fittings are available including PN Flanges to suit specific requirements.

* Maximum electric element rating (KW). * Maximum KW rating of Indirect Coil and Coil Size Alternatives. (At ΔC 40°C).



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OSO Hotwater (UK) Limited

E15 Marquis Court, Team Valley Trading Estate, Gateshead,

Tyne & Wear, NE11 0RU • Tel. (0191) 482 0800 • Fax. (0191) 491 3655

Email. technical.uk@oso-hotwater.com • sales.uk@oso-hotwater.com

spareparts.uk@oso-hotwater.com • Web www.oso-hotwater.com