

# TECHNICAL SUBMITTAL FOR EXTREME 500 LOADING CYLINDER

<b>GENERAL</b>	
Storage Capacity	500 Litres
Height	1995mm
Diameter	795mm
Weight (Empty)	100 kg
Weight (Full)	600 kg
Electrical Supply	230 V 1 ph 50 Hz
<b>HWS PERFORMANCE (BASED ON A MAXIMUM INPUT OF 120 KW AT 80°C)</b>	
1st Hour Output at 60°C	2570 Litres
10 Minute Peak at 60°C	845 Litres
Continuous Flow at 60°C	2070 Litres
<b>TECHNICAL DATA</b>	
Cylinder Material	Stainless Steel
Plate Heat Exchanger Material	Stainless Steel
Plate Heat Exchanger Capacity	Up to 120 kW at 80°C
Primary Flow Connection	28mm
Primary Return Connection	28mm
MCWS Connection	1½" BSP
DHWS Connection	1½" BSP
Secondary Return Connection	1" BSP
Maximum Primary Temperature	90°C
P & T Valve (Integral)	7 bar / 90°C
Maximum Working Pressure (Unvented)	3.5 bar
Maximum Working Pressure (Open Vented)	7 bar
<b>ENVIRONMENTAL DATA</b>	
Standing Thermal Loss	182 MJ per Month
Energy Efficiency Class	B

