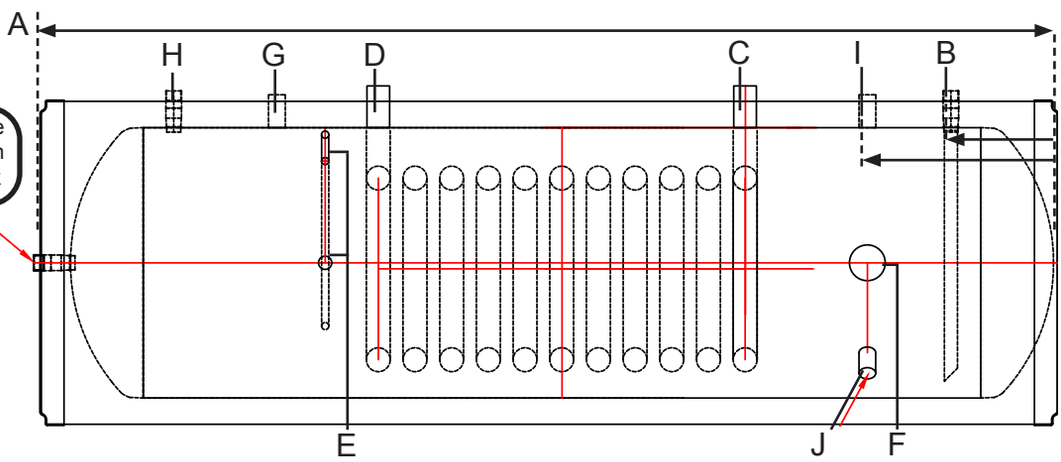
CROWN
WATER HEATERS
ENDURANCE

CROWN ENDURANCE TECHNICAL DATA SHEET

HEAT PUMP HORIZONTAL INDIRECT

Body Material	1mm Duplex Stainless Steel
Operating Pressure	3 bar
Test Pressure	8 bar
Warranty	25 years
Case finish	White
Plastic end finish	White
Kit Supplied	3 bar/6 bar inlet set, 15mmx22mm tundish 9 bar/70 °C T&P relief valve, T&P cover, 28mm 2-port valve, High limit cut-out thermostat
Notes	

All horizontal cylinders come supplied with a secondary return connection at the end of the tank

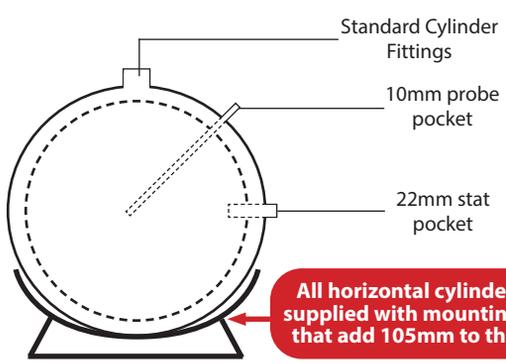


Standard Diameter - 545mm				
Product Code		END200HPH	END250HPH	END300HPH
Capacity (L)		200	250	300
Length	A	1435	1755	1975
Cold Inlet	B	180	180	180
Coil	C	471	525	635
Coil	D	881	1140	1250
Control Stat	E	955	1230	1340
Control Stat	E	955	1230	1340
Immersion	F	305	320	320
T&P Valve	G	1026	1310	1420
Hot Draw Off	H	1170	1483	1706
Destrat Loop	J	305	320	320
Drain Off	K	305	320	320

Please note: These tapping heights are subject to change, and are to be used as a guideline only

Connection Sizes

3/4” Comp.	Hot Draw, Cold Feed, Sec. Return
1” F	HP Flow, HP Return
1 3/4” F	Immersion
1/2” F	T&P Relief Valve, Destrat Loop, Drain Off



All horizontal cylinders come supplied with mounting cradles that add 105mm to the height

Our heat pump horizontal cylinder comes with a unique stat pocket that allows for probe positioning in the cylinder to maximise hot water capacity in the steel vessel.

Product	Nominal Capacity (L)	Potable Capacity (L)	Weight Empty (kg)	Weight Full (kg)	Coil 1 Rating (kW)	Coil 1 Surface Area (m^2)	Coil 2 Rating (kW)	Coil 2 Surface Area (m^2)	Net Coil ΔP (Bar)*	Heat Loss (kWh/2h)	Heat Loss (W)	ErP Banding
200 Heat Pump Horizontal	200	189	40	229	24.84 kW	2.03	N/A	N/A	-0.03	2.01	84	C
250 Heat Pump Horizontal	250	239	45	284	25.08 kW	2.03	N/A	N/A	-0.03	2.16	90	C
300 Heat Pump Horizontal	300	279	50	329	25.48 kW	2.96	N/A	N/A	-0.02	2.35	98	C