INTERGAS®
HEATING SOLUTIONS

XYLINDERS
INDIRECT HEAT PUMP

All of our Heatpump cylinders are made from grade 444 stainless steel, one of the highest quality grades of stainless steel available on the market, and unique to Intergas. In comparison, the industry standard is 2304 stainless steel.

Grade 444 stainless steel has exceptional properties that make it ideal for hot water cylinders. It offers extreme corrosion resistance against limescale, chlorine, stress, and pitting, and it also features high heat transfer capabilities. Additionally, the heat exchanger coil is smooth rather than corrugated, promoting rapid heat transfer and efficient cylinder recovery.

THE FEATURES

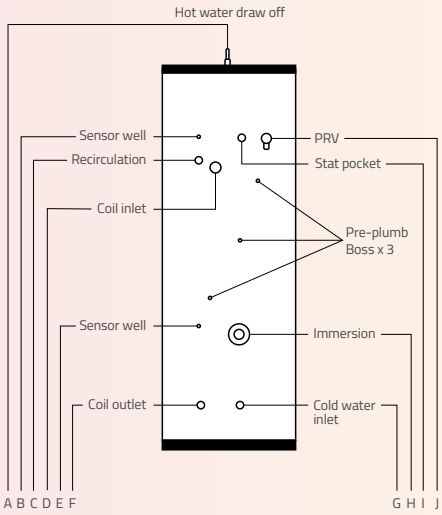
- ☑ 444 grade stainless steel
- ☑ Titanium 3kW Immersion Heaters
- ☑ Easy to install, as every connection is on a 30-degree plane at the front of the cylinder
- ☑ Smooth internal coil
- ☑ Comes with a standard G3 kit
- ☑ Fully insulated to minimise any heat loss
- ☑ Available in 150–300 litre capacities
- ☑ Xylinders come with a 25-year warranty and a 2-year parts and labour warranty.*
- ☑ Xylinders come with a 5-year warranty and a 2-year parts and labour warranty when the water is supplied from a private supply such as a well, spring, or borehole.*

Supplied with

Tundish, Inlet control group, two-port valve, external expansion vessel with bracket, dual probe thermostat, temperature & pressure relief valve**, 3kW immersion heater.

25 YEAR WARRANTY

DIMENSIONS



*Terms and conditions apply. **Factory-fitted.

INDIRECT HEAT PUMP

		150L	180L	200L	250L	300L
Capacity						
Footprint (minimum, diameter)	mm	550	550	550	604	604
Height (housing without connections)	mm	1192	1372	1594	1485	1750
Minimum ceiling height required	mm	1424	1774	2034	2344	2500
Maximum design pressure	bar	7	7	7	7	7
Height from the base of the cylinder						
A	mm	1192	1372	1594	1485	1750
B	mm	939	1119	1341	1272	1537
C	mm	876	1056	1278	1208	1473
D	mm	876	1056	1278	1208	1362
E	mm	616	616	616	609	609
F	mm	259	259	259	252	252
G	mm	256	256	256	249	249
H	mm	616	616	616	609	609
I	mm	939	1119	1341	1272	1537
J	mm	939	1119	1341	1272	1537
Cylinder						
Coil Surface area	m3	1.42	1.92	2.42	2.55	2.98
Coil Rating	kW	28.9	35.5	41.5	41.7	40.9
Coil length	m	16	21.8	27.5	29	33.9
Weight when empty	kg	30.6	36.5	43.9	48.6	56.4
Weight when full	Kg	172	204	244	282	340
Reheat times 15°c– 60°c	min	13	13	14	16	18
Primary heater pressure drop	mb	45	61	78	81	95
Primary flow rate	l/h	1400	1400	1400	1400	1400
Heat Loss	W	64.6	72.1	81.7	89.2	101.7
Heat Loss EN 12897:2006	kWh/24h	1.55	1.73	1.96	2.14	2.44
Titanium Immersion heater (Capacity)	Qty (kW)	1 (3kW)	1 (3kW)	1 (3kW)	1 (3kW)	1 (3kW)
Immersion heater boss	"			1 3/4"		
Immersion heater length	"			14"		
Energy Rating EU		C	C	C	C	D
Max operating temperature fluid	°c			90		
Tested in accordance with				EN 12897:2006		
Normal operating pressure	bar			3		
Cold connection (CW)	mm			22		
Hot connection (DHW)	mm			22		
Coil inlet	mm			28		
Coil outlet	mm			28		
Pressure reducing valve pressure	bar			3		
Cylinder T&P	°c/bar			90/7		
Expansion Valve setting	bar			6		
Expansion Vessel pressure	bar			3		
Max design pressure - Coil	bar			16		
Max primary operating pressure	bar			3		
Max working temperature - tank	°c			85		
Max operating pressure - vessel	bar			6		
Max design pressure - Tank	bar			7		
Immersion heater						
Electrical Supply	V~			240 (Single phase)		
Amp	A			12.5		
Electric protection grade				IP24		
Electric Heater Rating	kW			3		
EPS Insulation (NeoPor grade)						
Thickness	mm			50		

All cylinders come with an unvented component kit to suit. Dimensions are subject to change without prior notice.

Scan the QR code for more information

engineered for life®