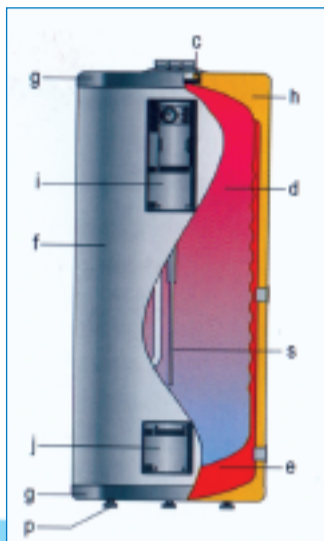


# GX-D Twin-wall

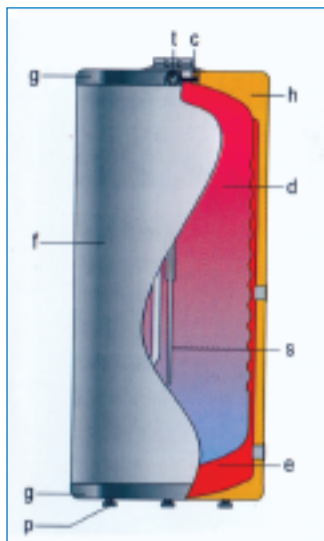
## COMMERCIAL/LARGE DOMESTIC TWIN-WALL INDIRECT CYLINDERS

**OUTPUTS:**  
1370 to 3255  
ltr/Hr @ 60°C

- key: (right drawings)  
a/g external cover  
c inspection opening  
d DHW storage  
e primary heating  
f outer hard finish  
h thermal insulation  
i control panel  
j immersion heater opening  
p levelling feet  
s sensor pocket  
t thermostat

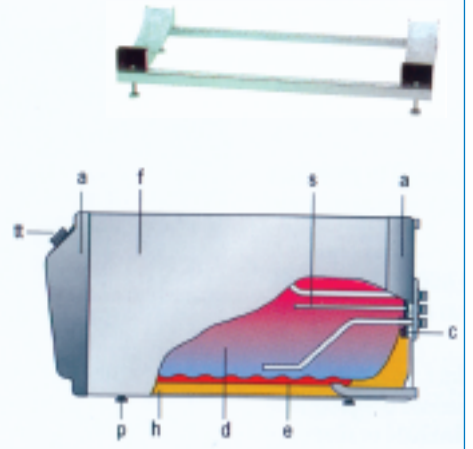


**Models GX200/500-D:**  
Double walled tank  
(with control panel & electric heating option)



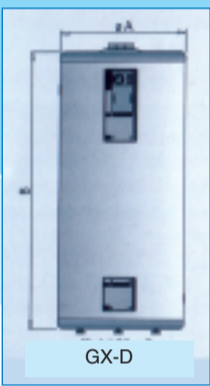
**Models GX200/500-D-S:**  
GX-D available as option Double walled tank  
(without electric heating option)

support frame for horizontal floor installation



**Model GX200-TS:**  
GX-D standard supply Double walled tanks for horizontal installation  
(without electric heating option)

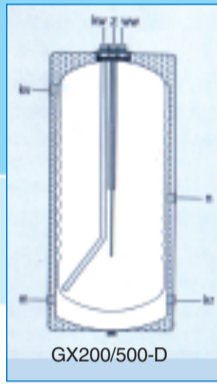
- key: (below drawings)  
A diameter or width  
B height or depth  
kw cold water inlet  
ww hot water inlet  
z recirculation  
kv primary circuit inlet  
kr primary circuit outlet  
m additional primary connection  
n additional primary connection



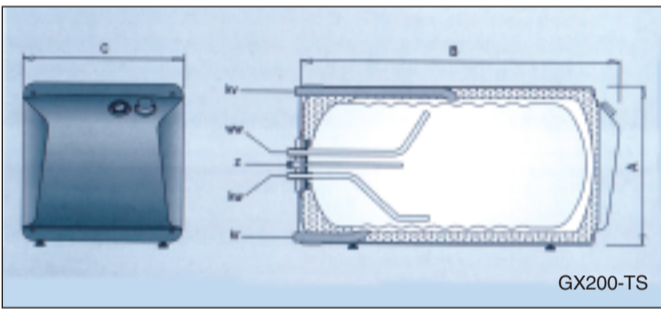
GX-D



GX-D-S



GX200/500-D

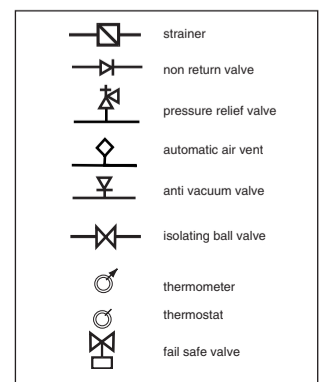
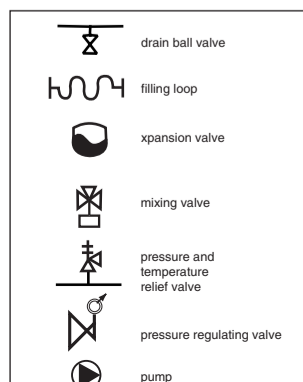
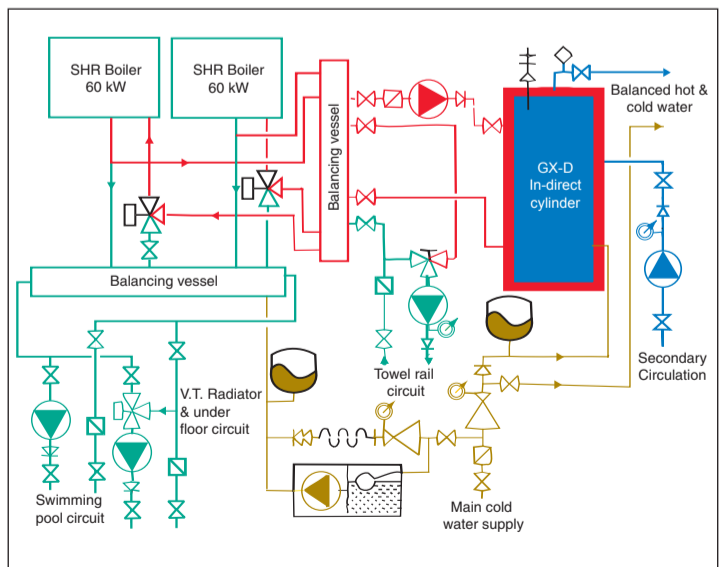
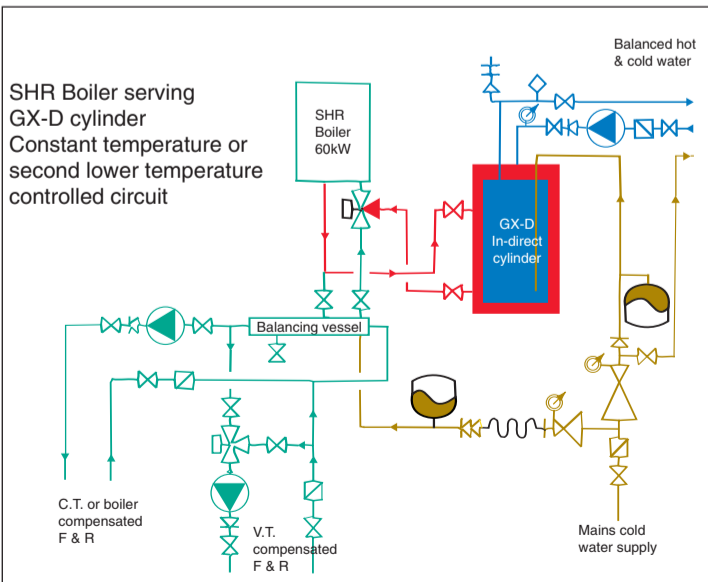


GX200-TS

	GX-200D	GX-300D	GX-500D	GX-200-TS
<b>PERFORMANCE</b>				
DHW volume (litres)	193	285	466	193
HTG volume (litres)	56	65	108	33
HTG Surface m <sup>2</sup>	1.6	2.4	3.1	1.6
Dry weight (kgs)	78	106	151	85
<b>Peak hot water output (primary flow 82°C, water 10 to 60°C)</b>				
(ltr/Hr)	1900	2640	3255	1370
(ltr/min for 10mins)	48	68	93	39
Secondary pressure drop (kPa)	3.4	3.6	3.8	3.2
Primary input (kW)	55	76	90	41
Primary flow rate (l/sec)	1.4	2.2	2.2	1.4
Primary pressure drop (kPa)	7.0	10.0	10.0	7.0
Immersion Heater (kW)	2.5	2.5	4.5	-
		also	5.0	
		or	7.5	
<b>DIMENSIONS</b>				
Height (mm)	1240	1725	1730	630
Diameter (mm)	620	620	770	-
Width (mm)	-	-	-	630
Depth (mm)	-	-	-	1255
<b>CONNECTIONS</b>				
Primary F&R	40	40	40	25
Secondary FR&CF	25	25	25	20

FEATURES	SPECIFICATION
<ul style="list-style-type: none"> <li>Shorter Heat-up time - under 10 minutes</li> <li>Resistance to scale or chalk build-up</li> <li>Chrome-nickel-molybdenum stainless steel resists soft 'acid' water</li> </ul>	<ul style="list-style-type: none"> <li>The GX Series are double-walled tanks for DHW production and storage.</li> <li>The inner vessel is fabricated from chrome-nickel-molybdenum stainless steel, fitted with dished ends, argon-arc welded using the tungsten inert gas process, corrugated for good strength and heat transfer, then de-stressed and surface treated. The vessel has a maximum working temperature of 90°C &amp; <b>maximum working pressure of 10 BARS</b>. The vessels are manufactured to ISO 9001, registration no. ES-0108.</li> <li>The outer vessel is made from ST 37/2, DIN 17100 steel. The vessel has a maximum working temperature of 110°C &amp; a <b>maximum working pressure of 3 BARS</b>.</li> <li>All the models are thermally insulated with rigid, mould-injected CFC-free polyurethane foam with removable padded polypropylene lining in white RAL 9016. By special order other colours are available - blue RAL 5015, orange - RAL2004 or silver grey RAL7042.</li> <li>The model GX..D includes a side hole and control panel, totally wired up, with a thermometer, control and limit thermostats, winter-summer switch, ON indicators, and an indirect immersion heater. The immersion heater is inserted through the side hole, in the primary heating circuit, thus avoiding scale deposits and/or corrosion.</li> <li>The models GX..D &amp; GX..TS can be fitted with a cathodic protection unit comprising a permanent anode, potentiation and cables</li> <li>The model GX..D can be mounted horizontally using the support frame unit comprised of two curved supports, four profiles, levelling legs and screws.</li> <li>The model GX..TS, which is a version of the GX, is specifically design for horizontal installation or for a boiler (weighing less than 300kg) to be fitted on top of the model. It includes an adjustment as a standards feature. An immersion heater is not offered.</li> </ul>

### GX-D TWIN-WALL TECHNICAL DIAGRAMS



### GX-D TWIN-WALL TECHNICAL INFORMATION

In these two drawings, the boilers are condensing. In normal use, they will be directed to the space heating running at weather-compensated temperature. When a demand for domestic hot water occurs, the boilers are re-directed at high temperature to the twin-wall indirect cylinders where rapid domestic hot water recovery takes place. The boilers then return to a lower weather-compensated temperature space heating.