



Type DC3 moulded manifold chambers are used in combination with geothermal manifolds. They provide security as well as a central location for controlling and monitoring the flow and pressure of geothermal ground source heat recovery systems. Moulded from tough, 11mm thick, solid walled polyethylene, they are available in various sizes and inlets and outlets options together with accessories such as control valves, flow meters, fill and bleed ports and pressure gauges.

It has a 3.5 Tonne (35kN) removable lid and is suitable for installation within driveways or areas of occasional light slow-moving traffic.

Applications

- Geothermal ground source heat recovery systems
- Multi-well installations

Options

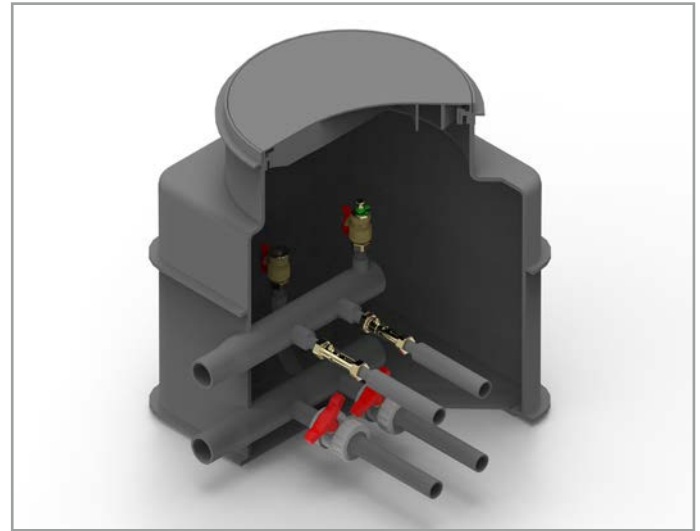
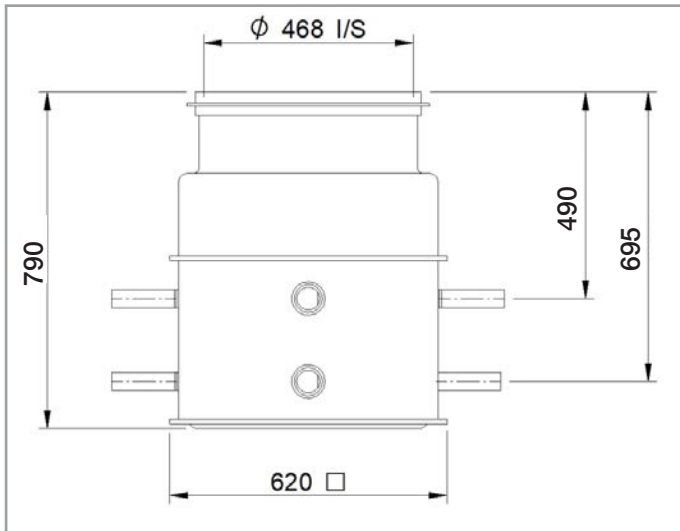
- 0-6 bar pressure gauge
- -20 to +40°C temperature gauge

Features

- 5 year limited warranty as standard
- Compact & lightweight
- Rotational moulded
- Water resistant
- Frost protection (approx. 480mm)
- Flow control valves
- Flow meters
- Fill/bleed valves
- Pressure tested to 4 bar
- 3.5 Tonne (35kN) removable lid
- Horizontal manifold

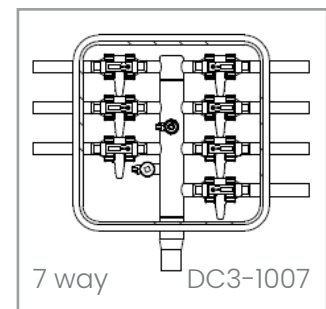
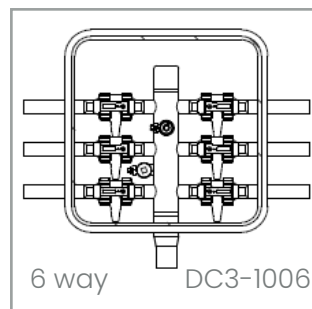
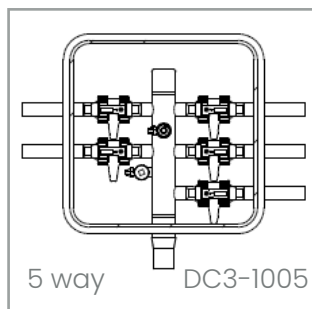
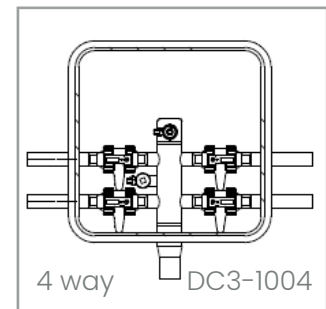
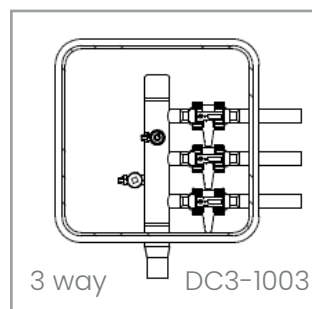
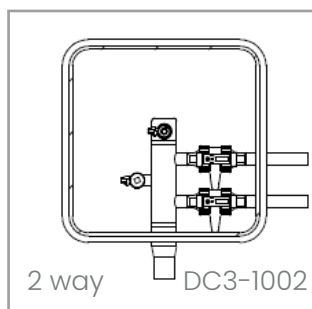
General Specifications	
Material	Polyethylene (PE100)
Inside dimensions (W x L x H)	560mm x 560mm
Lid clear open aperture	450mm
Outside dimensions (W x L x H)	620mm x 620mm x 790mm
Depth to centre of first inlet	461mm
Manifold orientation	Horizontal
Number of ways*	2 to 7
Maximum operating pressure	6 bar

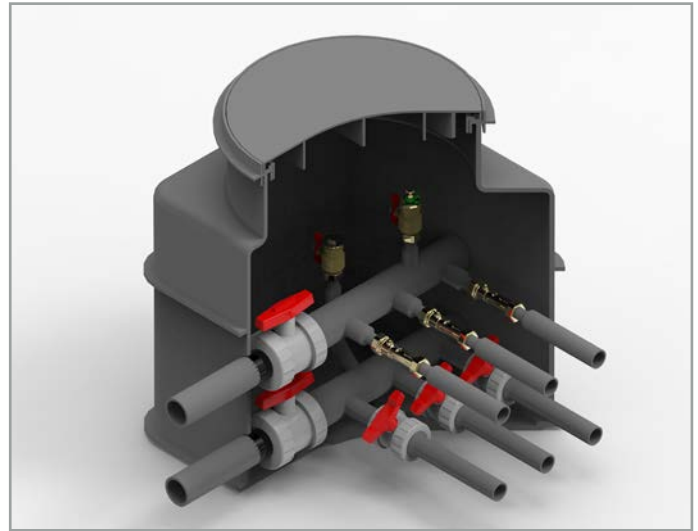
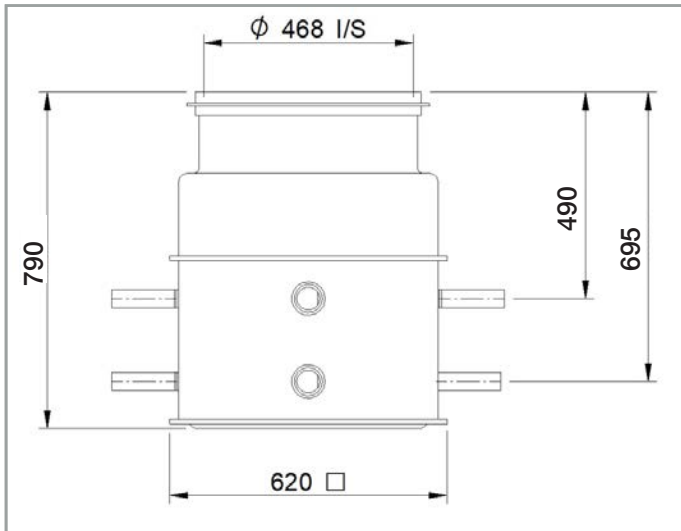
* Each way comprises one flow and one return



Specifications

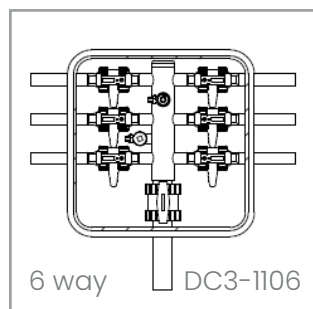
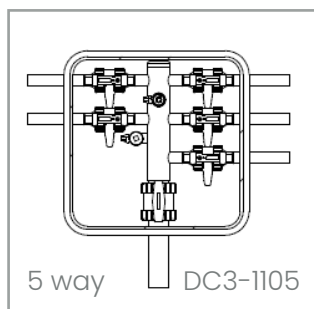
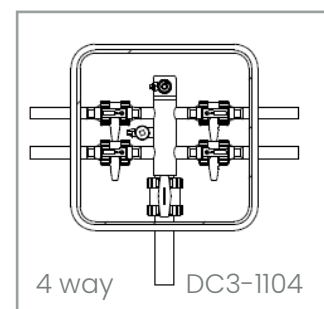
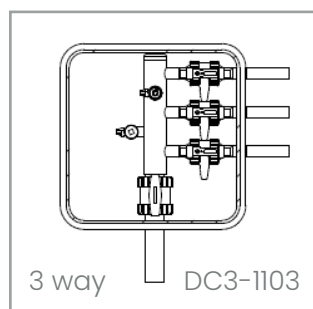
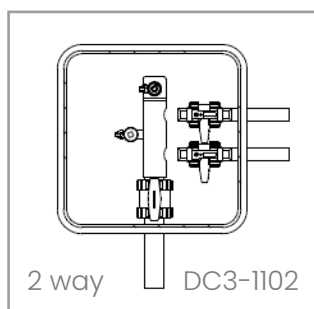
Manifold OD	75mm
Heat pump connection OD	63mm
Loop connection OD	40mm
Heat Pump flow isolation	None
Top (Return) Manifold flow control	8-38 lpm flow meter
Bottom (Flow) Manifold flow control	DN32 PVC ball valve
Fill/Bleed	1" Brass Ball Valves c/w blanking plug and bleed valve

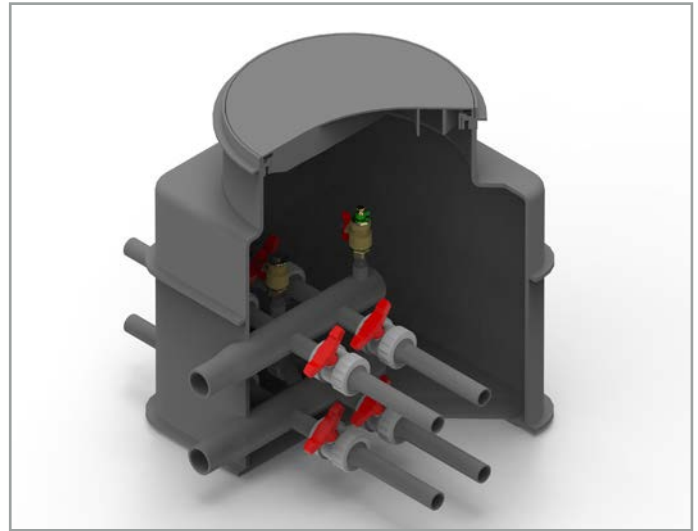
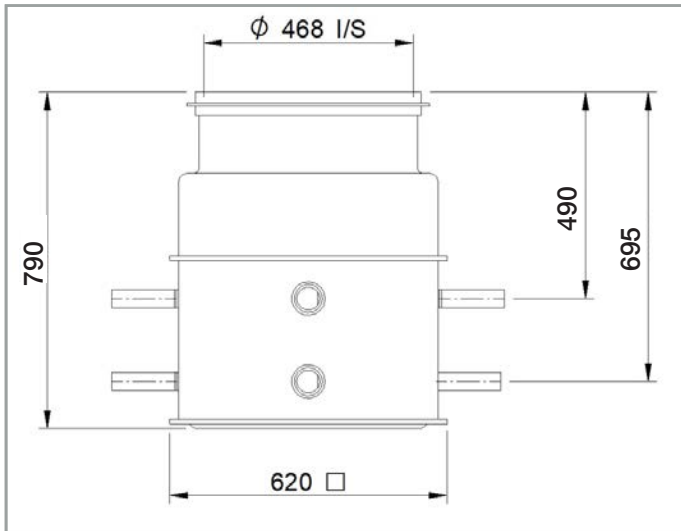




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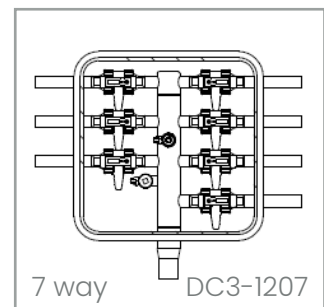
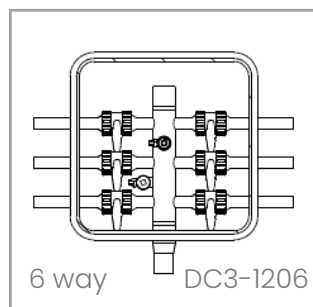
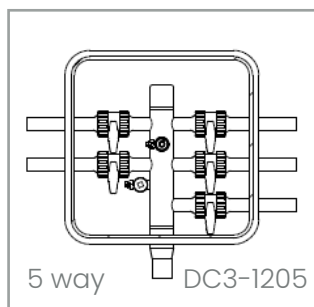
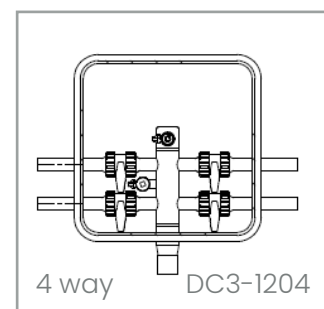
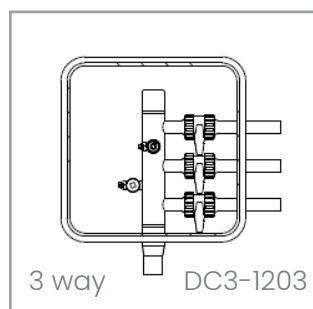
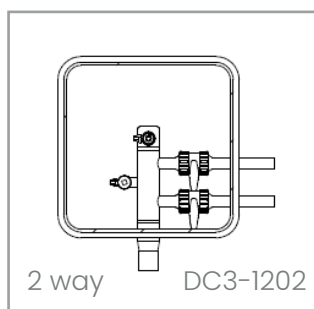
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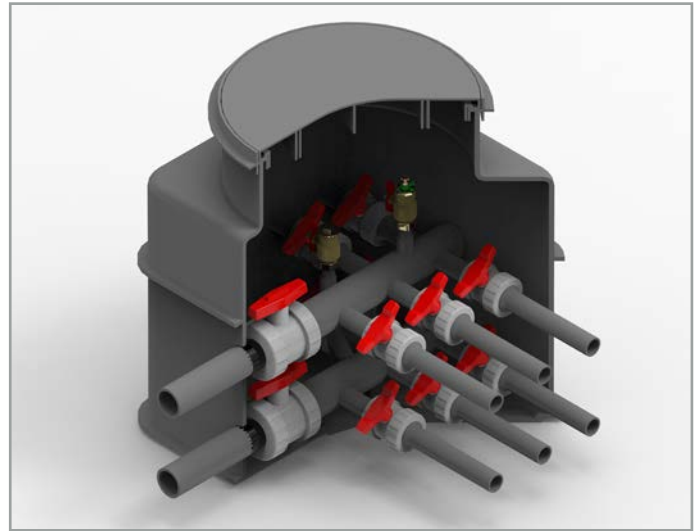
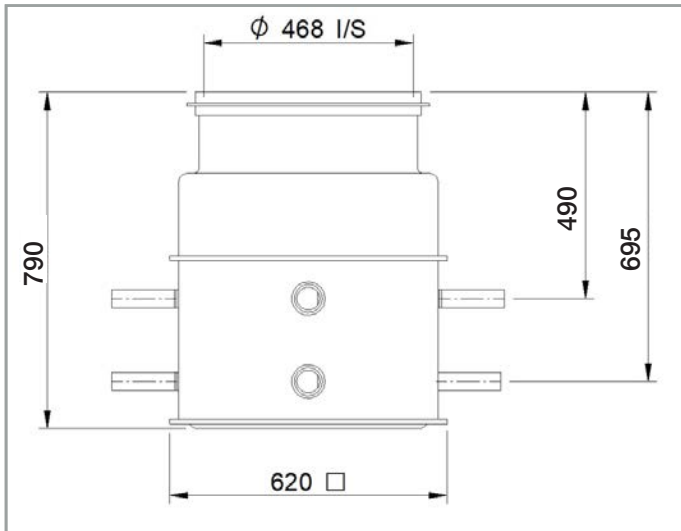




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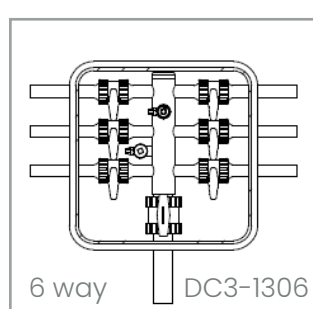
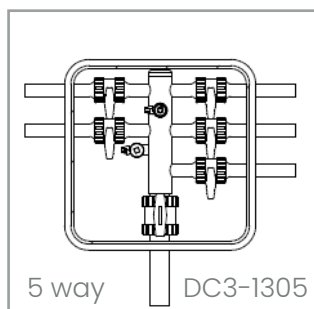
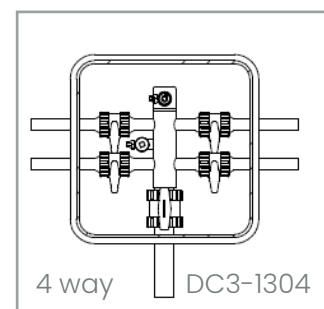
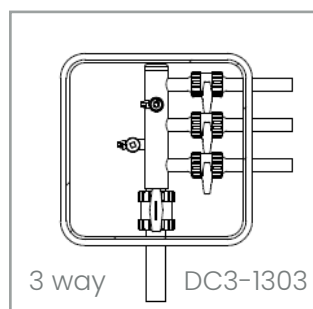
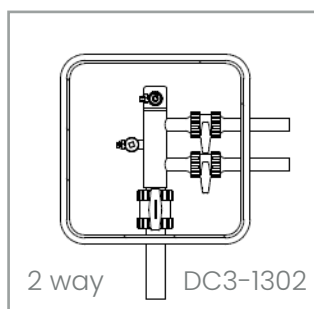
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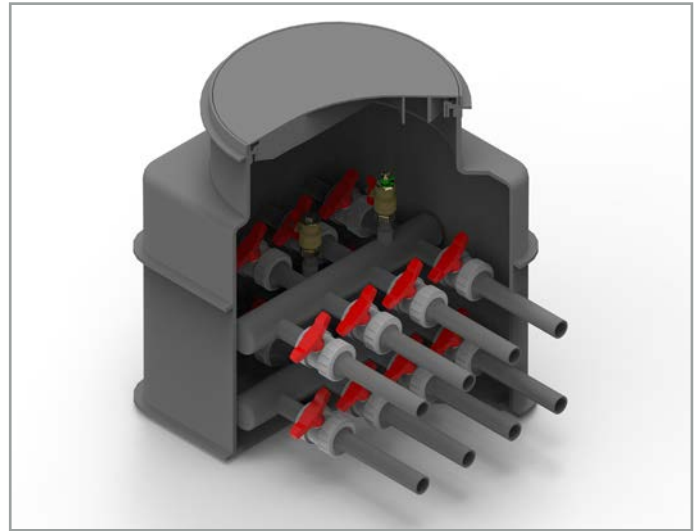
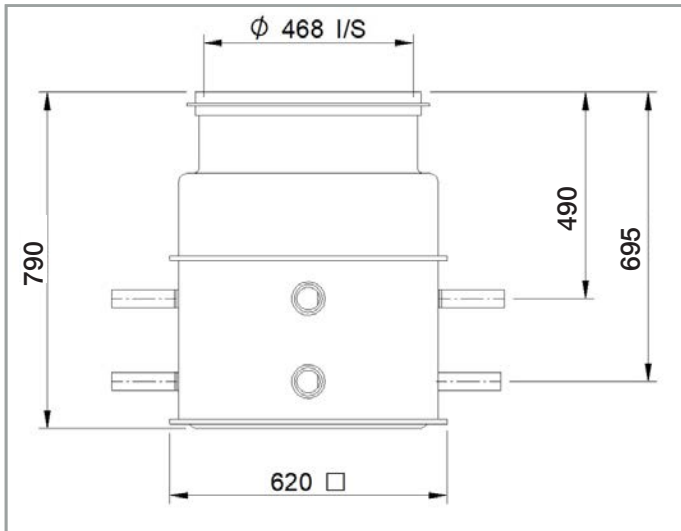




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Specifications

Manifold OD	75mm
Heat pump connection OD	Not applicable
Loop connection OD	40mm
Heat Pump flow isolation	Not applicable
Top (Return) Manifold flow control	DN32 PVC ball valve (no flow meter)
Bottom (Flow) Manifold flow control	DN32 PVC ball valve
Fill/Bleed	1" Brass Ball Valves c/w blanking plug and bleed valve

