



The Cube Manifold Chamber offers security and a central location for controlling and monitoring the flow the flow and pressure of geothermal ground source heat recovery systems.

The Cube Manifold is moulded from robust, 11mm thick, durable polyethylene and is fitted with up to 8 brine circuits.

A range of accessories are available, such as control valves, flow meters, fill and vent connections, pressure gauges and thermometers. It has a removable lid which is rated to Group 1, Class A15, 35kN and is suitable for installation within driveways or areas of occasional light slow-moving traffic.

Applications

- Geothermal heat recovery systems
- Small domestic geothermal projects

Options

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

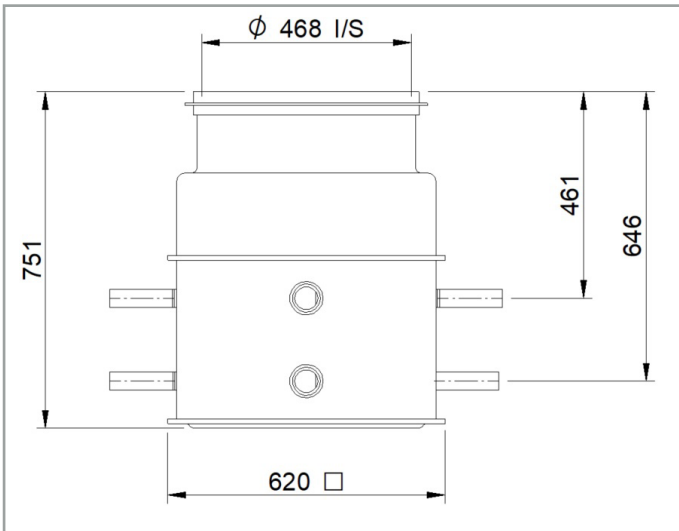
Features

- Compact & lightweight
- Rotational moulded
- Water resistant
- Frost protection (approx. 480mm)
- Flow control valves
- Flow meters
- Fill/bleed valves
- Pressure tested to 7,5 bar
- Group 1 Class A15 35kN rated 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 751mm
Depth to centre of first inlet	461mm
Manifold orientation	Horizontal
Number of ways*	2 to 8

* Each probe connection consists of a flow and a return.



Specifications contd...

Manifold OD	75mm
Heat pump connection OD	63mm
Loop connection OD	32, 40mm
Flow measurement	5-55 lpm flow meter
Top (Return) Manifold flow control	MEFCO DN32 PVC ball valve
Bottom (Flow) Manifold flow control	MEFCO DN32 PVC ball valve
Fill/Bleed	1" Brass Ball Valves c/w blanking plug and bleed valve

