



*heating and plumbing products  
that won't cost the **earth***

**GeoT thermoplastic manifolds  
for GeoThermal Heat Pump  
applications**



# GeoT thermoplastic manifolds for GeoThermal Heat Pump applications

## Description

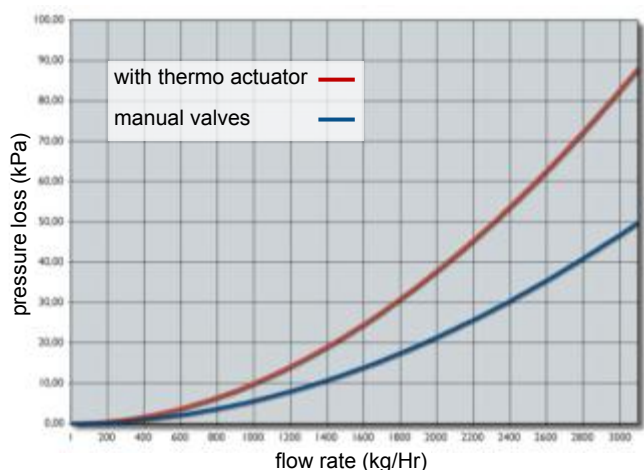
These thermoplastic manifolds (2 per set, flow and return), are supplied complete with AAV and drain/fill connection. 1 1/4" brass inlet. Thermostatic actuator option.

The modular design allows segments to be removed or added by purchasing extra segments.

## Features

- Wide range of flow regulation via built-in flow meters
- Corrosion resistant
- Fill/drain ports self seal after hose adaptor is removed
- Brass inserts used to make threaded connections
- 1 1/4" manifold
- Modular structure with 45mm inside diameter
- Fittings to suit PE-X or multi layer pipe 12/14/15/16/17/18/20 x 2
- Thermoplastic especially suitable for cooling operations in summer

## Pressure loss graph

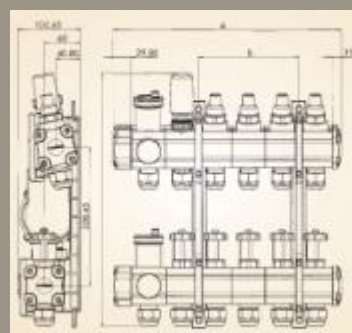


## Translation of table above

	with thermo-actuator	manual valves
Kv (1 bar kg/h)	3310	4445
Kv (1 kPa kg/h)	304	408
Coefficient of pressure loss	1.63 E-05	9.24 E-06
Characteristic exponent u	1.93	1.93



**GeoT thermoplastic 5 x 5 manifold**



	2	3	4	5	6	7	8	9	10	11	12
A mm	209.8	264.8	319.8	374.8	429.8	484.8	539.8	594.8	649.8	704.8	759.8
B mm	-	55	110	165	220	275	330	385	440	495	550



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