

MODUSYS

MODULAR DISTRIBUTION MANIFOLD



Synthetic resin **modular manifold**
for floor heating and cooling

MODULAR SYSTEM

The Pettinaroli manifold K7510 series is made of polymeric material (PA66) and brass and therefore is completely resistant to corrosion.

For **ease of assembly** the basic kit comprises of a 2 circuit manifold pre-assembled and tested, to which a number of modules with supply and return, corresponding to the number of circuits, can be added, by a quarter turn twist into the existing modules.

The manifold is **modular** allowing to **modify the assemblies directly on site**, from 2 to 14 outlets and connection G3/4" x 18 mm (3/4"E) (within the limits of use dictated by the flow rate of the chosen pump).

A **locking clip** prevents unscrewing of the modules.

MULTIPLE ASSEMBLY POSSIBILITIES

The manifold can be **supplied both from the left or right** simply by inverting the inlet terminal.

Possibility of **using the same** G3/4" x 18 mm (3/4"E) fittings of the Pettinaroli 7035 series brass manifolds.

Possibility to **install Filterball** type filter valves with thermometer holder.

All collectors produced by Pettinaroli SpA are **pressure tested** to ensure maximum reliability.

Note: The K7510 series manifold is **available in pre-assembled and tested versions**.

LIST OF COMPONENTS

- 1 Plug
- 2 Supply module
- 3 Automatic air vent
- 4 End piece
- 5 Connection nipple
- 6 Flow ball valve (straight or angle)
- 7 Drain/fill ball valve with hose union
- 8 Euroconus connection G3/4" x 18mm (3/4"E)
- 9 Mounting bracket
- 10 Return module
- 11 Flow rate measuring device
- 12 Return valve (straight or angle)



01



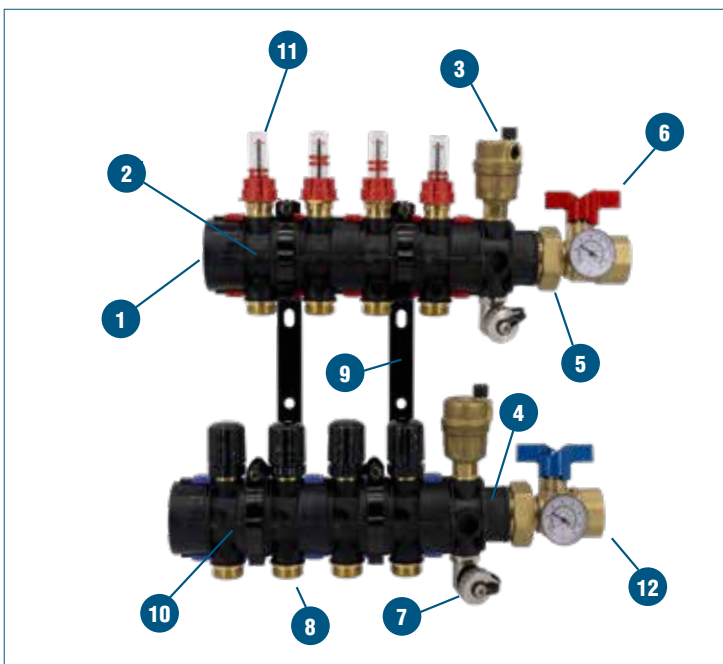
02



03



04



AVAILABLE ARTICLES FOR MODULAR SYSTEM

7500T0



Basic module consisting of: supply module with **flowmeter** with flow rate from 1 l/min to 5 l/min. and return module with thermostatic option.

7500TD



Basic module consisting of: supply module with lockshield and return module with thermostatic option.

T39P/80



Thermometer 0-80°C

KC7535E



Terminal set in synthesis material PA66 and brass composed of a "T" terminal, a **automatic air-vent**, a drain and a thermometer. Available with 1" or 1 1/4" flat end inlet thread.

KC7514E



Terminal set in synthesis material PA66 and brass composed of a "T" terminal, a **manual air-vent**, a drain and a thermometer. Available with 1" or 1 1/4" flat end inlet thread.

7500Z



Steel bracket for manifold.

TECHNICAL FEATURES

Distribution set threads (to supplying circuits)	G3/4"x18 - (3/4"E)
Standard maximum flow rate	2,8 m³/h (1")
Max fluid temperature	60°C (EN1264/4)
Max differential pressure	0,6 bar
Distance between outlets	50 mm
Max working pressure	6 bar

Material PA66 , brass device EN12165 / EN12164

Permitted fluids Water, Water with glycol (max. concentration 30%), Water with anticorrosion fluid

PRE-ASSEMBLED MANIFOLD KIT

K7510T0



Modular manifold made of PA66/brass, **pre-assembled with** terminal set (thread Ø 1" F flat end), **thermometer (T39P/80)** and **flowmeter**. Flow rate: from 1 l/min to 5 l/min.

K7510P



Modular manifold made of PA66/brass, **pre-assembled with** terminal set (thread Ø 1" F flat end) and **thermometer (T39P/80)**.

Valves available

52CE/1



1" M x 1" F ball valve, full port. Red or blue **butterfly** handle.

59/9



1" M x 1" F ball valve, full port. Red or blue **butterfly** handle.

PRE-ASSEMBLED MANIFOLD KIT WITH VALVES

K7522T0



Modular manifold made of PA66/brass, **pre-assembled with** terminal set, flowmeter, **distribution valve**, **return valve 1" F with pocket for thermometer** and **thermometer (T39P/80)**. Flow rate: from 1 l/min to 5 l/min.

K7522P



Modular manifold made of PA66/brass, **pre-assembled with** terminal set, **distribution valve**, **return valve 1" F with pocket for thermometer** and **thermometer (T39P/80)**.

from 2 to 8 outlets with	52XT valves with pocket for thermometer	(available on request with angle valves 59X)
from 9 to 12 outlets with	52CE/1 valves	(available on request with angle valves 59/9)

TECHNICAL FEATURES art. K7510T0 - K7510P - K7522T0 - K7522P

Tapping distribution sets and/or valves (supply/return)	Ø 1" F
Thread distribution sets (to supplying circuits)	G3/4"x18 - (3/4"E)