

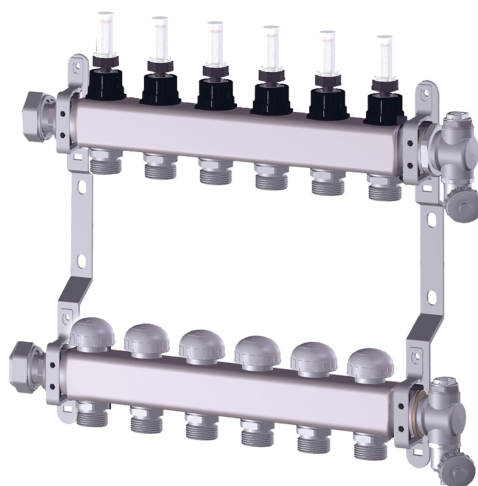
# Product Data Sheet

12/17/2025

Manifolds, Cabinets & Mixing Groups

## Object line manifold

Romania - Purmo



- Precise Water Control
- Durable Construction
- Easy Installation
- Flexible Applications
- Low Maintenance

## Description

The Object Line Manifold from Purmo is a robust solution for underfloor heating systems, designed to handle up to 12 circuits. Manufactured from durable stainless steel, it features flow meters for accurate water distribution and manual air vents. This manifold ensures long-lasting performance and reliability, making it an excellent choice for both residential and commercial settings. The compact design facilitates easy installation and maintenance while minimizing space requirements.

## Area of Application

Object Line Manifold is ideal for underfloor heating systems, particularly in residential and commercial buildings. It is suitable for up to 12 heating circuits and operates efficiently at maximum pressures of 10 bar. Compatible with 1" connections and manual air vents for precision adjustments.

## Selection Criteria

For selecting an Object Line Manifold, please refer to our technical documents or use our design service. For a quick selection, use our comprehensive brochure.

## Basic User Instructions

To install the Object Line Manifold, ensure all components are delivered and connect the manifold parts securely. Mount the manifold using the provided brackets and fittings, ensuring proper alignment and stability. Connect the circuits as per the hydraulic design, and utilize the flow meters for precise adjustments. Regular maintenance includes checking connections and cleaning flow meters to ensure optimal performance.

## Prescription text specifiers

The Object Line Manifold, designed for underfloor heating systems, supports up to 12 circuits with a maximum pressure of 10 bar. It features 1" flat seal connections, durable stainless steel construction, flow meters, and manual air vents for precise adjustments. The manifold ensures efficient water distribution and hydraulic balance, making it suitable for both residential and commercial applications. The product comes with mounting brackets and necessary fittings for easy installation and maintenance. Use certified connectors for optimal performance.

## Warranty

Purmo radiators are warranted for a period of 10 years\* from date of purchase against all manufacturing defects when they are used in normal conditions and for a heating system with hot water. The warranty does not apply to defects caused by installation or handling errors, misuse or factors external to the radiators, such as water quality or oxygen-permeable pipes.

Underfloor heating products and piping systems elements are warranted for a period of 10 years\*\*.

\* 6 years for galvanized radiators and 2 years for all electronic and electric components and spare parts sold separately (side covers, top grilles, plastic clips, plugs, air vents, fixing parts)

\*\* 30 years for PexPenta pipes

# Specification

Feature	Unit	Value
Etim Class		EC010292 - Manifold for hydronic circuits
Weight	Kilogram (kg)	1.714, 2.047, 2.36, 2.678, 3.031, 3.329, 3.652, 3.97, 4.348, 4.631, 4.969
Width	Millimetre (mm)	180, 230, 280, 330, 380, 430, 480, 530, 580, 630, 680
Height	Millimetre (mm)	300
Depth	Millimetre (mm)	80
Expandable		Yes
Connection type primary side		2-pipe
With de-aeration		Yes
With temperature limit		No
With thermometer		No
Material		Stainless steel
With circulation pump		No
With pressure gauge		No
With fill- and drain valve		Yes
With mixing valve		No
With controller		No
Primary pressure difference	Kilo Pascal (kPa)	100, 5
Nominal diameter primary connection		1 inch (25)
With thermal actuator		No
With flow-through indicator		Yes
Position primary connection		Left/right
Multi-zone manifold		Yes
Number of groups secondary		10, 11, 12, 2, 3, 4, 5, 6, 7, 8, 9
Outer pipe diameter secondary	Millimetre (mm)	10, 20
With valves on primary connection		No
Min. pressure difference secondary flow/return	Kilo Pascal (kPa)	5
Hydraulic balance control		Static
Temperature measurement supply		None
Temperature measurement return		None
Volume flow measurement		Analogue
With ceramic valve		No
Article compression class		PN 6
Closable groups		Yes
Secondary connection		Euroconus
Nominal diameter secondary connection		3/4 inch (20)

Feature	Unit	Value
With wall-mounting bracket		Yes
Primary connection		Internal thread cylindrical BSPP-G (ISO 228-1)
With filling/drain tap		No
Flow-through capacity	Litre per hour (l/h)	4
Medium temperature (continuous)	Degrees celsius (°C)	2, 70
With casing		No
Suitable for cooling		Yes
With non-return valve		No
Max. number of expansion groups		3

# Resources

Document Description	Document Type	Link
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## Items

Global Item Code	Item Description
FBWMSST0240125P0	PURMO distributor object line 2 Kr. with flow meter
FBWMSST0340125P0	PURMO distributor object line 3 Kr. with flow meter
FBWMSST0440125P0	PURMO distributor object line 4 Kr. with flow meter
FBWMSST0540125P0	PURMO distributor object line 5 Kr. with flow meter
FBWMSST0640125P0	PURMO distributor object line 6 Kr. with flow meter
FBWMSST0740125P0	PURMO distributor object line 7 Kr. with flow meter
FBWMSST0840125P0	PURMO distributor object line 8 Kr. with flow meter
FBWMSST0940125P0	PURMO distributor object line 9 Kr. with flow meter
FBWMSST1040125P0	PURMO distributor object line 10 Kr. with flow meter
FBWMSST1140125P0	PURMO distributor object line 11 Kr. with flow meter
FBWMSST1240125P0	PURMO distributor object line 12 Kr. with flow meter