

Product Data Sheet

12/10/2024

Panel Radiators

Ventil Compact M Flex

Romania - Purmo



- Maximum flexibility .
- Ease of installation .
- High performance .
- Versatile design options .
- Durability and quality .

Description

The Flex radiator series provides unmatched flexibility and adaptability for modern heating needs. Its design facilitates easy installation with a central bottom connection and allows the thermostat head to be mounted on either side. Available in several styles, heights, and lengths, Flex radiators ensure optimal solutions for different types of spaces. The high-quality steel and modern design ensure durability and efficiency. With maximum operating pressure up to 10 bar and a range of color options, Flex radiators cater to both functional and aesthetic requirements, making them ideal for diverse building needs .

Area of Application

Flex heaters are ideal for residential and commercial buildings. They are suitable for spaces with varying heating needs due to their high-pressure capability (up to 10 bar) and adaptability with central heating systems. Key areas include living rooms, offices, retail spaces, and educational institutions .

Selection Criteria

Selection criteria include desired output, dimensions, and mounting preferences. For detailed guidance, refer to our design service or use our comprehensive brochure .

Basic User Instructions

To install Flex radiators, ensure the central bottom connection is utilized. Mount the radiator using wall brackets provided and connect the pipework using the 1/2" fittings. Ensure the system is tested for maximum operating pressure of 10 bar. Adjust the thermostat head, which can be mounted on either side, to maintain optimal room temperature. Verify all connections are secure and bleed the radiator to remove any trapped air before use .

Prescription text specifiers

Purmo Flex radiators feature high-quality, deeply embossed low-carbon steel, ensuring durability and exceptional performance. They include a central bottom 1/2" connection, are pressure-tested up to 13 bar, and can endure an operating pressure of 10 bar with a maximum temperature of 110°C. Flex radiators are available in various profiles, dimensions, and colors, making them suitable for diverse applications. These radiators offer the unique advantage of freely selectable valve positions on either side, enhancing installation flexibility. The package includes wall brackets, an air vent, and valve inserts. Notably, the thermostatic head and connection kit must be ordered separately .

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		EC011022 - Panel radiator (hydronic)
Watt Per Meter	Watt per metre (W/m)	1018, 1156, 1221, 1340, 1347 ... 711, 761, 868, 961, 963
Mounting direction		Horizontal
Factor K		1.361, 1.701, 1.741, 10.012, 10.108 ... 9.797, 9.817, 9.846, 9.882, 9.91
Max. operating temperature	Degrees celsius (°C)	110
Item weight	Kilogram (kg)	10.184, 10.336, 10.417, 10.674, 10.698 ... 90.916, 94.449, 95.319, 97.158, 98.466
Colour		White
Height	Millimetre (mm)	300, 400, 500, 600, 900
Depth	Millimetre (mm)	102, 152, 60, 70
Collapsible		No
RAL-number		9016
Type		11, 21, 22, 33
Length	Millimetre (mm)	1000, 1100, 1200, 1400, 1600 ... 500, 600, 700, 800, 900
Material		Steel
Water content	Litre (l)	0.68, 0.85, 0.88, 1.02, 1.08 ... 9.38, 9.6, 9.8, 9.84, 9.9
With mounting material		Yes
Water-bearing front panel		Yes
Surface structure front-side panel		Profiled
Heat emission according to EN 442 20 °C Watt (W) - 70/40		1002, 1006, 1018, 1040, 1052 ... 971, 978, 980, 994, 998
Heat emission according to EN 442 20 °C Watt (W) - 55/45		1019, 1024, 1028, 1029, 1033 ... 964, 976, 985, 994, 996
With towel recess		No
Connection 4, top left		Other
Connection 6, right side top		Control valve
Connection 7, right side low		Other
Connection BC, bottom centre		Double connection, inlet-outlet
Connection 8, bottom right		Other
Number of standard connections		2
Welded-on strips		No, Yes
With drain valve		No
With de-aerator		Yes
With de-aeration connection		Yes

Feature	Unit	Value
Max. operating pressure	Bar (bar)	10
With drain possibility (connection)		Yes
Thread connection		Internal thread
With towel holder		No
Thread size (inch)		1/2 inch
Heat emission according to EN 442 20 °C Watt (W) - 75/65		1018, 1019, 1025, 1029, 1040 ... 963, 977, 983, 995, 999
N-exponent		1.2803, 1.294, 1.2981, 1.3026, 1.307 ... 1.3371, 1.339, 1.3486, 1.3561, 1.36
With side lining		Yes
With single-point connection		No
With integrated thermostatic valve		Yes
With wall brackets		Yes
With blind plugs		No
With top lining		Yes
Heat emission according to EN 442 laboratory		Yes
Suitable for electrical element		No
With electrical element		No
Suitable for damp space		No
Standard colour		Yes
Degree of gloss		Glossy

Resources

Document Description	Document Type	Link
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Items

Global Item Code	Item Description
FM41103004010300	PURMO CVF 11 300x 400
FM41103005010300	PURMO CVF 11 300x 500
FM41103006010300	PURMO CVF 11 300x 600
FM41103007010300	PURMO CVF 11 300x 700
FM41103008010300	PURMO CVF 11 300x 800
FM41103009010300	PURMO CVF 11 300x 900
FM41103010010300	PURMO CVF 11 300x1000
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FM41105004010300	PURMO CVF 11 500x 400
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Global Item Code	Item Description
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Global Item Code	Item Description
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