

Uponor Combi Port M-4 Pipe

Uponor



Efficient operation of heat pumps

Separating hot water generation and heating makes it possible to keep temperatures in the heating circuit low.

Installation/system recommendation

- For heating systems with low supply temperatures, such as heat pumps
- For simultaneously generating hot water and cooling floors using a single unit

Application

- Decentralised, instantaneous domestic hot water generation
- Underfloor heating systems
- Radiator heating systems
- Heat pump systems with low primary heating circuit temperatures
- Four-pipe systems with two separate primary heating supply lines and two return lines, also suitable for cooling in summer

Installation options

- In-Wall with cabinets with manifolds
- On-Wall without cabinet

Certificates

- DVGW approval

Specifications

- Port fully assembled and pressure tested
- Pipe clamps made of plastic for sound protection and thermal decoupling
- DVGW-certified PM valve with patented triple-sealing technology
- Separate low temperature heating/cooling circuit for direct heating/cooling
- Thermal insulation at the supply pipes
- Thermostatic bypass valve
- Cold water outlet
- Spacer for heat meter, 110 mm × 3/4" for high temperature return line
- Spacer for heat meter, 110 mm × 3/4" for low temperature return line
- Spacer for water meter, 110 mm × 3/4"
- Venting and drainage valves
- Strainer for cold water, 0.5 mm
- Strainer for primary heating supply line, 0.5 mm
- Connection port (marked) for an electrical earthing lug
- Max. operating pressure, heating: PN10
- Max. operating pressure, sanitary: PN10
- Max. operating temperature: 85°C
- Max. differential pressure, primary heating: 2.5 bar
- Min. pressure, sanitary: 2.0 bar
- Fitting material, sanitary: CW617N
- Fitting material, heating: CW617N, CW614N
- Pipe material: Stainless steel, 1.4401
- Measurements: W/H/D 755.5 × 618 × 145 mm

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H/C version for indirect domestic hot water preparation and direct apartment heating connections, with two separate pipes for heat supply and two return pipes (one for domestic hot water, one for apartment heating circuit), enabling energy-efficient low-temperature heating, cooling (switched centrally), and heat pump systems.

Accessories codes

- 19** Domestic hot water capacity indication (l/min.)
- St** Stainless steel heat exchanger brazed without non-ferrous metal for domestic hot water preparation
- BP** Supply line preheating function
- TL** Thermostatic temperature limiter for domestic hot water, with submersible sensor
- HC** Heating and cooling available, with two supply pipes and two return pipes
- DI** Primary differential pressure controller at the heat interface unit inlet
- D4** Differential pressure controller at the low-temperature heating circuit
- ZM** Circulation module for domestic hot water with safety valve, circulation pump, and differential pressure regulator

Item no.	Accessories codes							
1135563	19	St	BP	TL		HC	DI	D4
1135569	19	St	BP	TL	ZM	HC	DI	D4

Further information
on Uponor Combi
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➤ Technical
information

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