Uponor Combi Port M-Hybrid

Efficient operation of heat pumps

Electrically reheating the hot water allows for low temperatures throughout the heating network.

Installation/system recommendation

- For heating systems with low supply temperatures, e.g. heat pumps

Application

- Decentralised hot water provision via continuous flow method
- Connecting underfloor heating systems
- Suitable for heat pump systems with low primary heating circuit temperatures

Installation options

- With flush-mounted box including FBH distributor
- Direct installation (drinking water heating only) without underfloor heating distributor
- Installation depth of 180 mm with flush-mounted cabinet

Certificates

- DVGW

Specifications

- Connections fully assembled and pressure-tested
- Plastic pipe clamps for sound and heat decoupling
- Certified PM regulator with patented sealing technology
- Thermal insulation on the supply lines
- Thermostatic bypass valve
- Electric reheater for drinking water heating
- Adaptor for heat meter 110 mm x ¾"
- Adaptor for water meter 110 mm x ¾"
- Venting and draining valves
- Strainer for cold water 0.5 mm
- Strainer in the primary heating flow 0.5 mm
- Connection option for potential equalisation
- Max. operating pressure heating: PN 10
- Max. operating pressure drinking water: PN 10
- Max. operating temperatures
  Primary circuit heating: 85 °C
  Drinking water circuit: 60 °C
- Max. differential pressure primary circuit heating: 2.5 bar
- Min. pressure drinking water 2.5 to 3.0 bar

Uponor Combi Port M-Hybrid

Hybrid station for decentralised drinking water heating with 400 V electric instantaneous water heater to increase the drinking water temperature and heating circuit connections for low-temperature heating systems such as underfloor, wall and ceiling heating. Suitable for low-temperature/heat pump systems.

Accessories codes

400 V Suitable mains voltage for the 400 V electric instantaneous water heater for hot water provision

15, 18 Tap flow rate (l/min)

St High-performance stainless steel heat exchanger (VacInox soldered) for hot water provision

13H2 13 kW installed power (19.5 A fuse) installed power for ~53 °C hot water temperature at 10 l/min (or ~15 l/min when mixing to 38 °C)

21H3 21 kW installed power (30 A fuse) installed power for ~60 °C hot water temperature at 10 l/min (or ~18 l/min when mixing to 38 °C)

DI Primary differential pressure regulator at the station inlet*

DH Secondary differential pressure regulator at the outlet of the domestic heating circuit

BP Preheating function of the supply lines

HA Water hammer damper on the hot water side

FR Strainer in the return of the heating circuit connection

* At 40 °C hot water temperature and 38 °C supply temperature

Item no.	Accessories codes								
1135556	400 V	15	St	13H2		DH	BP	HA	FR
1135557	400 V	18	St	21H3		DH	BP	HA	FR
1135570	400 V	15	St	13H2	DI	DH	BP	HA	FR
1135571	400 V	18	St	21H3	DI	DH	BP	HA	FR

Further information on Uponor Combi Port M-Hybrid

› Technical information

Uponor Corporation
Illmalantori 4
00240 Helsinki
Finland
www.uponor.com
1146097 - 08/2024 - EN

Moving › Water