

Uponor Combi Port E-ProX

Uponor



High comfort with high efficiency for complex heating systems

The adaptive control of the electric HIU guarantees the fastest reaction time without wasting energy. The second heat exchanger with heating pump makes it easy for heating systems with high pressure.

Installation/system recommendation

- For heating systems with high supply temperatures and high main system pressure
- For high capacity for hot water tapping
- For central control systems via BUS

Application

- Decentralised, instantaneous domestic hot water generation
- Underfloor heating systems
- Radiator heating systems

Installation options

- On wall, without cabinet

Certificates

- DVGW approval

Specifications

- Electronic control of heating flow and return, for saving energy and for higher comfort through adaptive control
- Thermal separation of heating and plumbing sides for improved hygiene by preventing cold water from heating up
- Load profile recognition of domestic hot water for more comfort through faster ejection
- ECO mode for enabling energy savings in heating, estimated at up to 50 W/day
- Electronic hydraulic balancing for trouble-free operation due to precise flow control
- Easy commissioning and troubleshooting via app
- Building management system connection interface for improved facility management
- Port fully assembled and pressure tested
- Pipe clamps made of plastic for sound protection and thermal decoupling
- Copper-soldered or diffusion-soldered (VA) heat exchanger
- Spacer for heat meter, 110 mm × 3/4"
- Spacer for water meter, 110 mm × 3/4"
- Fill and drain valve
- Strainer for cold water
- 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, heating: 1.2 bar
- Min. pressure, sanitary: 2.0 bar
- Fitting material, sanitary: CW617N
- Fitting material, heating: CW617N, CW614N
- Pipe material: Stainless steel, 1.4401
- Cover console material: EPP
- Dimensions: W/H/D 560 × 630 × 140 mm
- Electrical power consumption: Max. 3 W

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For domestic hot water and indirect heating systems using a second heat exchanger, with heating circuit connections including heating pump and expansion tank.

Item no.	Accessories codes								
1095787	20-24	CB	MD	HA	EL	M	BP	SS	IB
1095788	20-40	CB	MD	HA	EL	MH	BP	SS	IB
1095789	25-24	CB	MD	HA	EL	MH	BP	SS	IB
1095790	25-40	CB	MD	HA	EL	MH	BP	SS	IB

Accessories codes

- 20-24** Domestic hot water capacity of 20l/min. in combination with a smaller heat exchanger with 24 plates for heating circuit
- 20-40** Domestic hot water capacity of 20l/min. in combination with a bigger heat exchanger with 40 plates for heating circuit
- 25-24** Domestic hot water capacity of 25l/min. in combination with a smaller heat exchanger with 24 plates for heating circuit
- 25-40** Domestic hot water capacity of 25l/min. in combination with a bigger heat exchanger with 40 plates for heating circuit
- CB** Copper-brazed stainless steel heat exchanger for domestic hot water preparation
- MD** Motorised control valve for domestic hot water
- HA** Water hammer arrester on domestic hot water side
- EL** Electronic temperature limiter for domestic hot water
- MH** Motorised control valve for apartment heating circuit
- BP** Supply line preheating function
- SS** Thermostatic safety switch for apartment heating circuit
- IB** Fully insulated body

Further information
on Uponor Combi
Port E-ProX



➤ Technical
information

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