

Technical specifications

Tank unit

Model	PT300	PT300-V2	PT500
Volume total	279 L	285 L	476 L
Volume coil	9.4 L	16 L	13 L
Area coil	1.6m ²	2.7m ²	2.13m ²
Material coil	Steel - S235 ϕ 33.7 × 2.6 mm		
Material tank	Steel – S275g=3.0 mm		
Cabinet	Side / Top / – plate (PS)		
Material	Side – plate polystyrene g=1 mm Top – plate polystyrene g=2 mm		
Color (powder coated 1 layer)	Side – White Top – RAL7001	Covers – White RAL 9016 Top – RAL7001	Side – White Top – RAL7001
Isolation tank	EPS200 (30kg/m ³) + Nonwoven PET (1kg/m ²)		
Stand by heat loss	90W (PN-EN 12897:2016; (EU) No 812/2013)	96W (PN-EN 12897:2016; (EU) No 812/2013)	98W (PN-EN 12897:2016; (EU) No 812/2013)
Design pressure tank	1.0 MPa (10 bar)		
Design pressure coil	1.6 MPa (16 bar)		
Power coil 70/10/45°C (2.5m ³ /h)	26 kW	53.9kW	34 kW
Efficiency coil 70/10/45°C	640 L/h	1288 L/h	855 L/h
Water quality sanitary hot water	≤EU directive nr.98/83/EF		
Water quality, system	≤EU directive nr.98/83/EF		
Max. operating temperature tank	85°C		
Min. operating temperature tank	5°C		
Max. operating temperature coil	110°C		
Connection water system	G1" external thread		
Connection sanitary hot water	G1" external thread		
Inner surface corrosion protection	Enamel - DIN 4753-3:2013 - Part 3		
Corrosion protection	Mg-anode		
Height (adjustment)	1634 mm (20 _{+15/-0})	1705mm (20 _{+15/-0})	1835 mm (20 _{+15/-0})
Min. required ceiling height	2000 mm		
Width	ϕ 673 mm	ϕ 673mm	ϕ 832 mm
Depth	743 mm	785mm	897 mm
Weight net product	115 kg	133kg	156 kg
Weight incl. pallet incl. packing	140 kg	159kg	196 kg
Weight packaging: Wood	29 kg	25.3kg	39 kg
Weight packaging: EPS	0.5 kg	0.07 kg	0.5 kg
Weight packaging: Plastics	0.1 kg	0.63 kg	0.1 kg
Packaging volume /dim	1.1 m ³ / 1840 x 790 x 750 (mm)	1.12 m ³ / 1910 x 785 x 750 (mm)	1.75 m ³ / 2040 x 950 x 910 (mm)
Part number	MCD001A009	MCD001A025	MCD001A010