



Highly efficient, compact heat pumps

designed for domestic hot water preparation in a tank

INDEX

DROPS M4.1	420 000 015
DROPS D4.1 (C)	420 000 030

Device equipment

High-efficiency rotary compressor

Additional expansion valve for effective and fast evaporator defrosting

Energy efficient radial fan

Evaporator with hydrophilic surface (evaporator is less prone to icing up, defrosts effectively and is better protected against dirt accumulation)

Built-in circulation pump with PZH certificate

Heat pump **control**

M - manual controller with graphical display

D - controller with color touch panel

Plate heat exchanger for direct heating of domestic water

Removable lightweight plastic housing to reduce sound from refrigeration system equipment

Adjustable feet for mounting on flat surface

Main features

- ✓ Easy and quick installation
- ✓ Installation: indoors
- ✓ High energy efficiency
- ✓ High level of safety through pressure and temperature protection of the refrigeration system
- ✓ Defrosting the evaporator with hot gas by reversing the refrigeration circuit
- ✓ Automatic water system frost protection
- ✓ Weekly schedule for the desired water temperature
- ✓ Possibility to operate a photovoltaic system or a second-zone energy tariff by means of an additional potential-free contact.
- ✓ Control function of the external electric heater installed in the tank
- ✓ Control function for the domestic hot water circulation pump according to a timer program
- ✓ PZH (Polish national Institute of Hygiene) approval for heat pump components in contact with domestic water



DROPS M4.1

Manual control, graphic display



DROPS D4.1 (C)

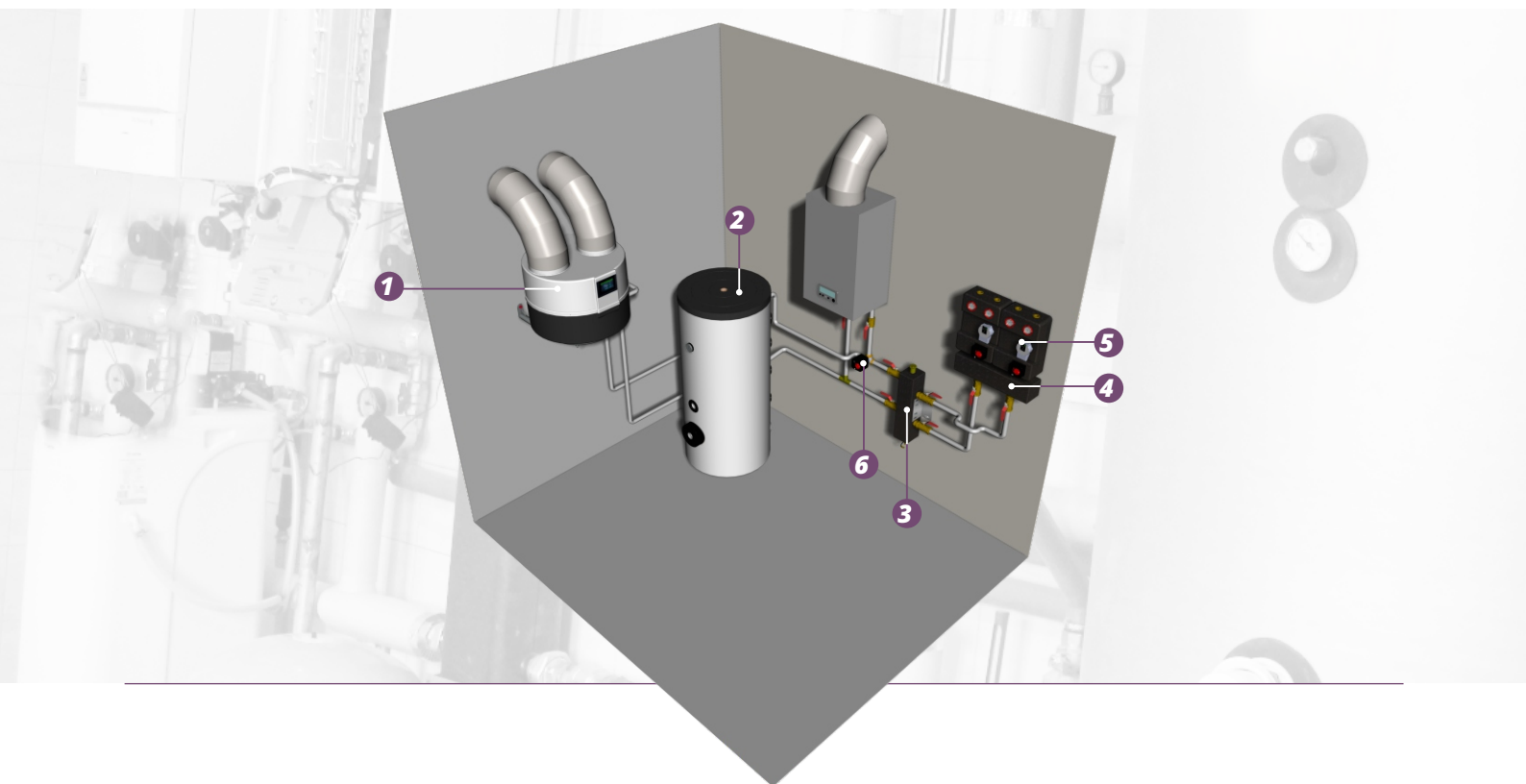
Touch control, touch panel



Technical specifications

Dimensions (diameter / height)	661 / 585mm
Diameter of air ducts	250mm
Connections	IT ¾"
Refrigerant	R134a / 0,60kg
Heat medium	Water or a mixture of water and glycol (up to 50%)
Maximum pressure on the water side	6bar
Operating temperature	-7 up to +43°C
Max. domestic hot water temperature	55°C
Acoustic power	57dB
Power supply	1/N/PE ~220-240V/50Hz
COP	for A15/W10-55: 3,0
	for A20/W10-55: 3,3
Rated thermal power	for A20/W10-55: 1,5kW
Energy class	A+
Water load profile	L
Weight	45kg

Your heating room **can look like this**



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DROPS 4.1/4.2 M/D

2 DHW tanks.
FISH S16 / FISH S15

3 Low loss header

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6 Three-way valves with actuators