

DHW heat pumps

ecoTHERMO



ecoTHERMO 200 / 260

DHW heat pumps



Range

ecoTHERMO 200

200 L

ecoTHERMO 260

260 L

Source



Air

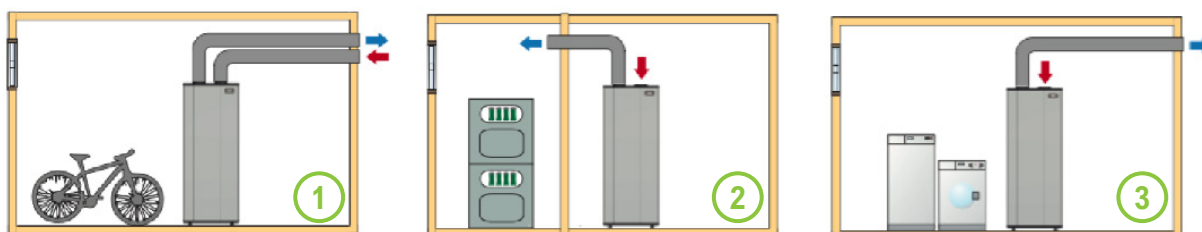
Services



DHW

- Easy installation and low maintenance thanks to the built-in suction filter.
- Low-noise fan for supply and return air ducting. The pressure drop of the connection pipes and fittings shall be less than the static pressure of the equipment (70 Pa).
- DHW tank made of 444 stainless steel.
- Integrated recirculation connection as standard.
- Touch screen with 3 operating modes (ECO, Auto, OverBoost)
- Photovoltaic hybridisation. Connection to photovoltaic installations that allows free thermal energy storage.
- Interface integrated in the heat pump.
- Automatic anti-legionella disinfection.
- Available in single-phase power supply.
- Domestic hot water production up to 70°C with electrical heater.
- DHW heat pumps include pack with safety valve and silent blocks.
- Maximum reliability and high efficiency.
- Large volume of hot water always available.
- Intelligent control with hourly programming for electricity tariff periods.
- Easy access to the unit.

Types of connection

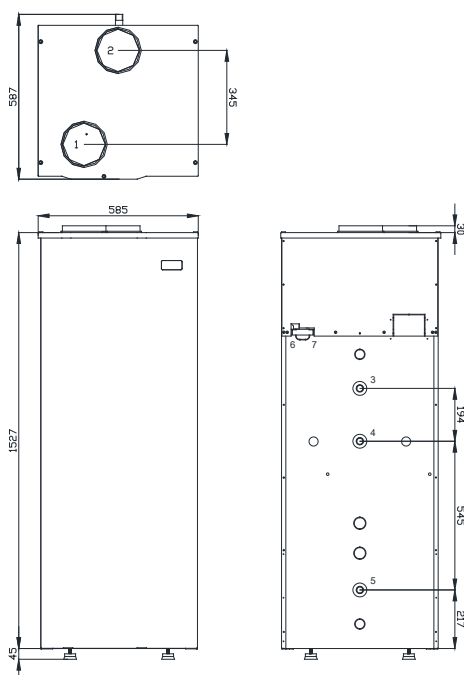


There are different options for connecting to ecoTHERMO heat pumps, making it easier to adapt the heat pump to the installation:

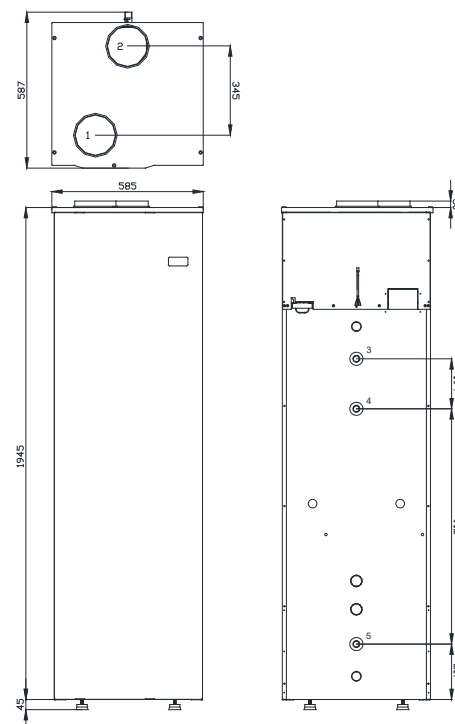
1. OUT-OUT connection. Inlet and outlet ducts to the outside (confirm operation map).
2. IN-IN connection. Indoor inlet duct and outlet duct redirected to another indoor room. Possibility of recovering the air flow from the unit's outlet in order to cool a room.
3. IN-OUT connection. Indoor inlet duct and outlet duct to the outside.

Dimensions and hydraulic connections

ecoTHERMO 200



ecoTHERMO 260



1. Air inlet - 160mm
2. Air outlet - 160mm
3. Hot water outlet - 3/4".
4. Recirculation - 3/4".
5. Cold water inlet - 3/4".
6. Electrical connection 230V/1PH/50Hz
7. Drainage outlet - 16mm

ecoTHERMO GENERAL SPECIFICATIONS		UNITS.	ecoTHERMO 200	ecoTHERMO 260
APPLICATION	Place of installation	-	Indoor	
	Type of brine system	-	Air source	
PERFORMANCE	Heating capacity range ¹	W	1100 - 1841	
	SCOP (14°C)	-	3,1	3,0
	SCOP / Energy efficiency (average climate)	- / %	2,57 / 107	2,64 / 109
	SCOP / Energy efficiency (warm climate)	- / %	2,98 / 126	3,04 / 125
	SCOP / Energy efficiency (cold climate)	- / %	2,23 / 93	2,30 / 94
	Max. DHW temperature without / with support ²	°C	55 / 70	
	Noise power emission level indoor / outdoor ³	db	49 / 53	
	Energy level	-	A	
	Load profile	-	L	XL
	DHW tank material	-	444 Stainless steel	
OPERATION LIMITS	Ambient temperature range	°C	-5 a 35	
	Flow (air)	m ³ /h	350	
	Available static pressure (air)	Pa	70	
	Maximum working pressure (tank)	bar	6	
	Volume / Max. DHW storage tank	l	200	260
WORKING FLUIDS	Type of refrigerant	-	R134a	
	Refrigerant load	kg	0,95	
ELECTRICAL DATA: SINGLE-PHASE	230 V / 1PH / 50 Hz	-	✓	
	Consumption range ¹	W	496 - 600	
	Maximum consumption without electrical heater	W	650	
	Power of the electrical heater	W	1500	
	Maximum consumption with electrical heater ²	W	2100	
DIMENSIONS / WEIGHT	Height x width x depth	mm	1557x585x587	1975x585x587
	Empty weight (without assembly)	kg	80,5	105
	Pipe diameter (air)	mm	160	160

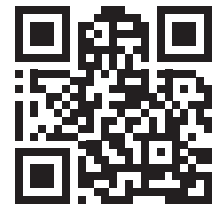
1. Nominal air temperature conditions from 2°C to 20°C. 2. Considering a support with the emergency electrical heater. 3. Indoor and outdoor L_{wa} sound power level, rounded to the nearest whole number.

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