



- Intuis - Auer
- Heat pump boiler
- Floor mounting
- R290



Heat pump water heater floor model or floor mounting type EDEL D Air

Heat pump water heater for heating of sanitary water. Thanks to the A + label, the heat pump is extremely economical. The extra sound insulation ensures that the device is very quiet. The reservoir is made of stainless steel and has a volume of 200 or 270 liters. This allows domestic hot water to be provided for 5 or 6 people. The appliance has a patented eHD heat exchanger with microchannels, made of aluminum, which has the advantage that they are not in contact with the sanitary water.

Brand

- Auer - Intuis

Application

- Production of domestic hot water for household use

Product

- Stainless steel water tank (AISI 444) of 200 or 270 liters
- The aluminum heat exchanger of the heat pump is located around the tank and not in the tank: this ensures a separation between the refrigerant and the hot water
- The Solar version (ECH SOLAR) is equipped with an additional heat exchanger for the connection of solar collectors
- Energy label A+ with a COP up to 3.08 according to EN16147
- Low-noise device of only 33 dB (A) (fan motor is fully encapsulated in insulation material)
- Production of domestic hot water possible from 30°C to 60°C (65°C with resistance)
- Tank insulation PU 50 mm
- Anti-legionella cycle
- Heating capacity of the heat pump: 2.2 kW
- Electric back-up resistance of 1.2 kW
- Boost function
- Holiday mode
- Potential-free contact "PV mode active" higher setpoint during PV production
- The device comes standard with a handy carrying bag to put the water heater in place
- Safety group of 7 Bar max. pressure MUST be placed on the cold water supply

pipe - connect to the drain pipe.

Refrigerant

- Refrigerant R290 (GWP = 3)

Installation

- Smart Grid ready
- Electrical supply to be connected via an electrical distribution box (there's no plug)

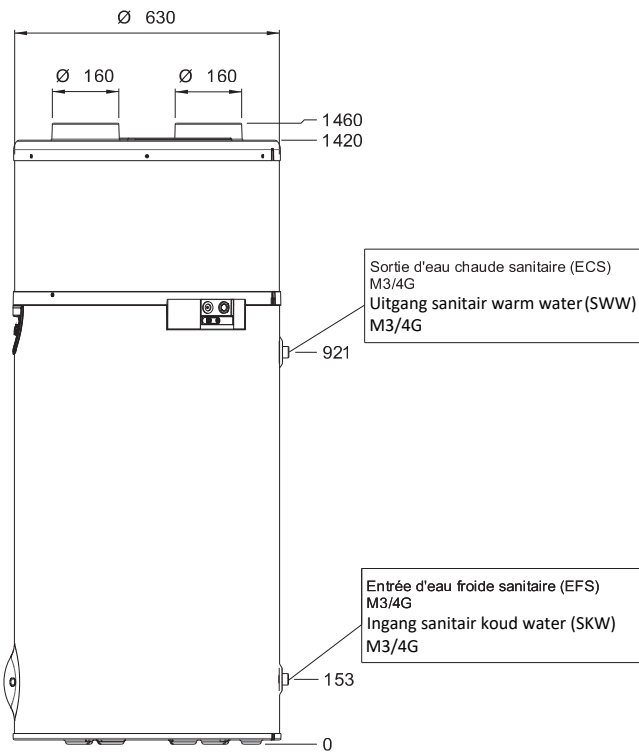
Accessories

- Insulated duct (2m), type **ISDR 200/170**
- Insulated bend, type **ISDR BD90/45° 200/170**
- Connecting piece, type **ISDR MS 200/150** (transition diam. 160mm EDEL to ISDR 200/170)
- Wall passage, type **ISDR BLR 200/170**
- Roof passage, type **ISDR DDI 200/170**
- Suspension bracket, type **OBMC 200**, for mounting the ducts with outer diameter 200
- Connection piece, type **MDV 160**
- Spiral duct, type **SD 160** (insulation required)
- Filter boxes **FLK-BN**

Technical data				
		Edel D200 Air	Edel D270 Air	Edel D270 Air ECH SOLAR
Volume	l	200		270
Max. heating capacity heat pump + electrical resistance	W	3447		3356
Heating capacity heat pump	W	2247		2156
Absorbed power compressor	W	700		700
Integrated electrical back-up heater	W	1200		1200
Temperature range	°C	-7 to +35		-7 to +35
Temperature domestic hot water with heat pump	°C	30 to 60		30 to 60
Flow rate	m³/h	320 to 400		320 to 400
Static pressure ventilator*	Pa	170		170
Sound pressure level at 2 m	dB(A)	33		33
Refrigerant (GWP)		R290 (3)		R290 (3)
Precharged quantity of refrigerant	g(CO2eq-kg)	150 (0,45)		150 (0,45)
COP (outdoor temperature +7°C)		3.21		3.08
COP (indoor temperature +15°C)		3.3		3.2
SEER	%	130		128
Heating time		6h13		9h58
Energy class		A+ (at 7°C)		A+ (at 7°C)
Dimensions	mm	Ø 630 x 1470 H		Ø 630 x 1748 H
Weight (net)	kg	56,5	63	86
Connection diameter of air duct (supply/discharge)	mm	2 x 160		2 x 160
Maximum length of air duct	m	Flexible duct: 10 m (supply + discharge) Rigid duct: 20 m (supply + discharge)		Flexible duct: 10 m (supply + discharge) Rigid duct: 20 m (supply + discharge)
Hydraulic connection diameter	inch	M 3/4"		M 3/4"
Power supply	V - Hz - A	230 V - 50 Hz - 10 A		230 V - 50 Hz - 10 A
Protection class		IPX4		IPX4
Tank insulation		Polyurethane foam 50mm		Polyurethane foam 50mm
Tank material		Inox		Inox
Maximum condensation flow rate	l/h	0.3		0.3
Maximum temperature with electrical back-up resistance	°C	65		65
Integrated heat exchanger	m²/kW	-	-	0,9/20
Connection diameter of integrated heat exchanger	inch	-	-	M 3/4"

* Static back-pressure measured at 320m³ / h

Edel D200 Air



Edel D270 Air

