

- Auer / Intuis
- Heat pump water heater
- Wall mounting
- 150 L



Heat pump water heaters for wall mounting type EDEL 150 Air

Heat pump water heater for heating of sanitary water. Thanks to its compact dimensions, this heat pump water heater is ideal for use in apartments with limited space. The uniqueness of this system is that it requires only 1 air connection of 125/80. 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 enamelled and has a volume of 150 liters. This allows sanitary hot water to be provided for 4 people. The appliance has a patented eHD heat exchanger with microchannels, made of aluminum, which has the advantage that it is not in contact with the sanitary water. Installation in apartment buildings is possible thanks to the central supply/discharge system that offers the possibility to connect several concentric pipes to a central unit.

Brand

- Auer - Intuis

Application

- Heating of domestic water

Product

- Enamelled water tank 150 liters
- Magnesium anode
- The aluminum heat exchanger of the heat pump is located around the tank and not in the tank: this ensures a separation between the cooling gas and the hot water
- Patented concentric air connection 125/80
- Energy label A + with a COP up to 2.59 according to EN16147
- Low-noise device of only 31 dB (A) (fan motor is fully encapsulated in insulation material)
- Hot water production possible from 30°C to 55°C (65°C with resistance)
- Tank insulation PU 50 mm
- Anti-legionella cycle
- Heating capacity of the heat pump: 1 kW
- Electric back-up resistance of 1 kW
- Boost function
- Holiday mode
- Potential-free contact "PV mode active" higher setpoint during PV production
- Safety group of 7 Bar max. pressure MUST be placed on the cold water supply

pipe - connect to the drain pipe.

Refrigerant

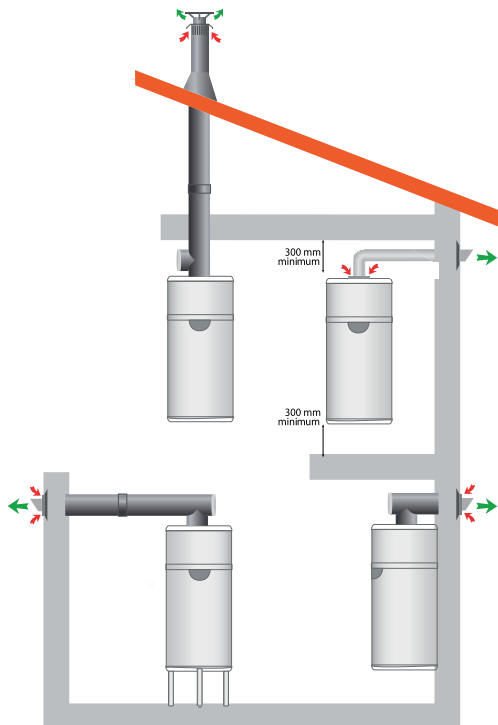
- Refrigerant R290 (GWP = 3)

Installation

- Wall mounting
- Floor mounting (with mounting chair ADT3050)
- Connection to central supply/discharge pipe

Accessories

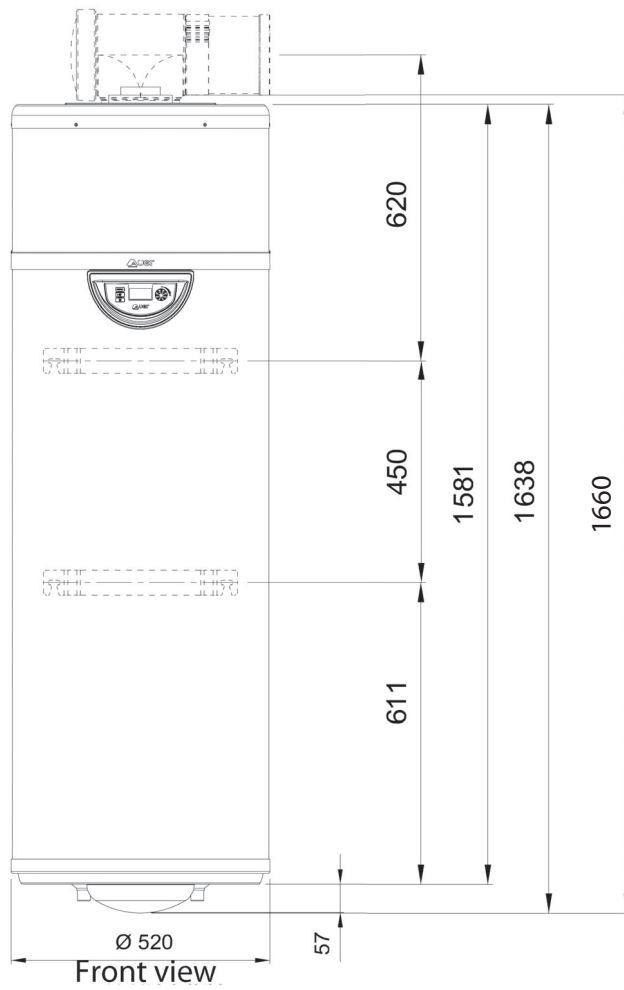
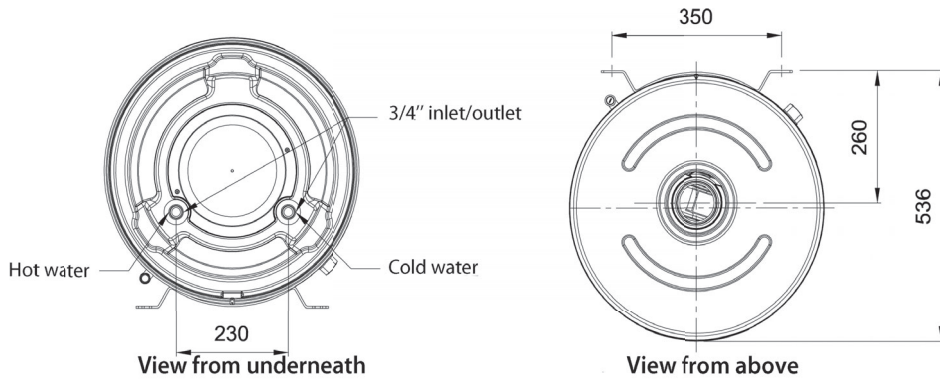
- Tube 125/80 for supply/discharge with 90° connection, length 355 mm + wall terminal, **type INF355**
- Tube 125/80 for supply/discharge with 90° connection, length 975 mm + wall terminal, **type INF975**
- Tube 125/80 for supply/discharge with 90° connection, length 355 mm, **type IB125T**
- Tube 125/80 (2m) for supply/discharge, **type INP2M**
- Mounting base, **type ADT3050**
- Rubber suspension bracket, **type OBMC 125**
- Filter boxes **FLK-BN**
- Magnesium anode, type **Anode diam. 26 450 mm + joint**



Technical data		
Volume	l	Edel 150 Air 150
Max. heating capacity heat pump + electrical resistance	W	2011.5
Heating capacity heat pump	W	1011.5
Absorber power in heatpump mode	W	350
Integrated electrical back-up heater	W	1000 (therm. prot. 85°C)
Temperature range	°C	-7 to +35
Temperature SWW with heat pump	°C	30 to 55
Flow rate	m³/h	90 to 160
Static pressure ventilator*	Pa	100
Sound pressure level at 2 m	dB(A)	31
Refrigerant (GWP)		R290 (3)
Precharged Quantity Refrigerant	g(CO2eq-kg)	100(0.3)
COP (outdoor temperature +7°C)		2.5
COP (indoor temperature +15°C)		2.89
SCOP	%	105
Heating time		7h45
Energy class		A+ (at 7°C)
Dimensions	mm	Ø 520 x 1660 H
Weight (net)	kg	57.5
Connection diameter of air duct (supply/discharge)	mm	125/80
Maximum length of concentric air duct	m	Fixed tube 5 m
Hydraulic connection diameter	inch	M 3/4"
Power supply	V - Hz - A	230 V - 50 Hz - 20 A
Protection class		IPX4
Tank insulation		polyurethane foam 50mm
Tank material		enameled steel
Maximum condensation flow rate	l/h	0.12
Maximum temperature with electrical back-up resistance	°C	65
* Static back-pressure measured at 90m³ / h		

Notes

- PVC pipe diam. 80 to be provided by the customer as well as the pipes in the cavity wall of diam. 80 and 125.



150L Heat pump water heater