Austria Email

Domestic hot water heat pump

WPA 303 ECO-2

THE

HIGH-QUALITY

HEAT PUMP

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Durch die Kombination besonders hochwertiger Komponenten entsteht eine Wärmepumpe, die das technisch Machbare in sich vereint. Der außergewöhnlich hoher COP-Wert von 3,85 ist ein besonderer Vorteil dieses High-End-Produktes.

ADVANTAGES

- Extremely energy-saving operation
- Tried and tested technology, easy to install, simple to integrate into all systems
- No refrigeration connection work required
- Short amortisation period
- The appliance is built in a compact design and is ready to plug in
- Wide range of operating options (heating via heat pump or boiler)
- Enables ‘cooling and drying’ of a room in addition to hot water preparation
- Easy to operate

- PV-compatible
- Integrated automatic legionella protection
- Economy mode with at least 40°C, selectable up to 75°Cusing electric heating
- Control of the boiler‘s circulation pump available via built-in electronics
- Corrosion protection thanks to high-quality enamelling in accordance with DIN 4753 T3

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Technical data

		WPA 303 ECO-2
Capacity	L	300
Heat output Heat pump	W/W[1]	1850 / 3350
Electrical output	W/W[1]	440 / 1940
Max. Cable consumption	W (°C)	560 (60)
Electrical auxiliary heating	kW	1,5
COP-value	EN16147;A20W55;XL	3,85
Electrical connection	V/Hz	~ 230V / 50 Hz
Max. Water temperature	°C	60°C - 65°C /additional heating to~ 75°C
Air temperature	°C	-7 bis + 35
Max. Temperature in cylinder	°C	+ 85°C (Safety thermostat)
Max. Pressure heat pump	MPa	2,3
Max. storage tank pressure	MPa	1,0
Max. Power consumption of the external circulation pump	W	300
Sound power level	dB(A)	56
Fuse	A	16
protection Protection class		IPX 1
Refrigerant		R134A
Refrigerant Filling quantity	kg	0,9
Required air flow rate	m^3/h	380
Heating surface Pipe register	m^2	1,2
Heat exchanger capacity	kW	15
Air duct connection	mm/m	150 / max. 10
Water connection	Zoll	R1 (Circulation: R3/4)
Minimum room height	mm	2200
Weight	kg	150
Heat retention loss S in accordance with EN 12897	kWh/24h	2,08
	Watt	87
Tapping profile		XL
Energy efficiency class		A+

1 ...with electric heating
2 ...with electric heating (heat pump operation up to max. 70°C with PV signal)

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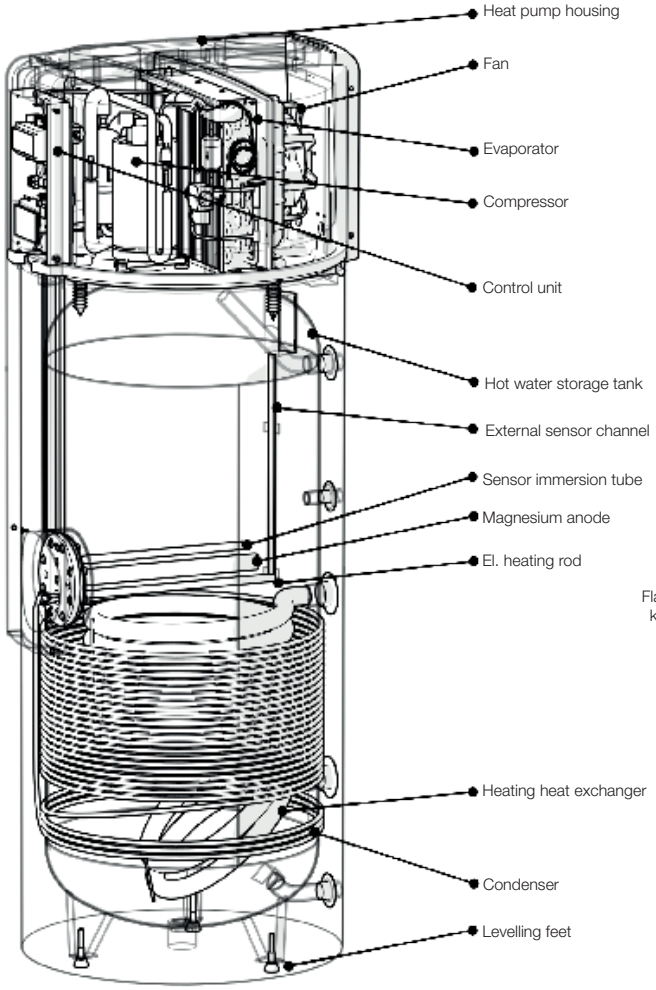
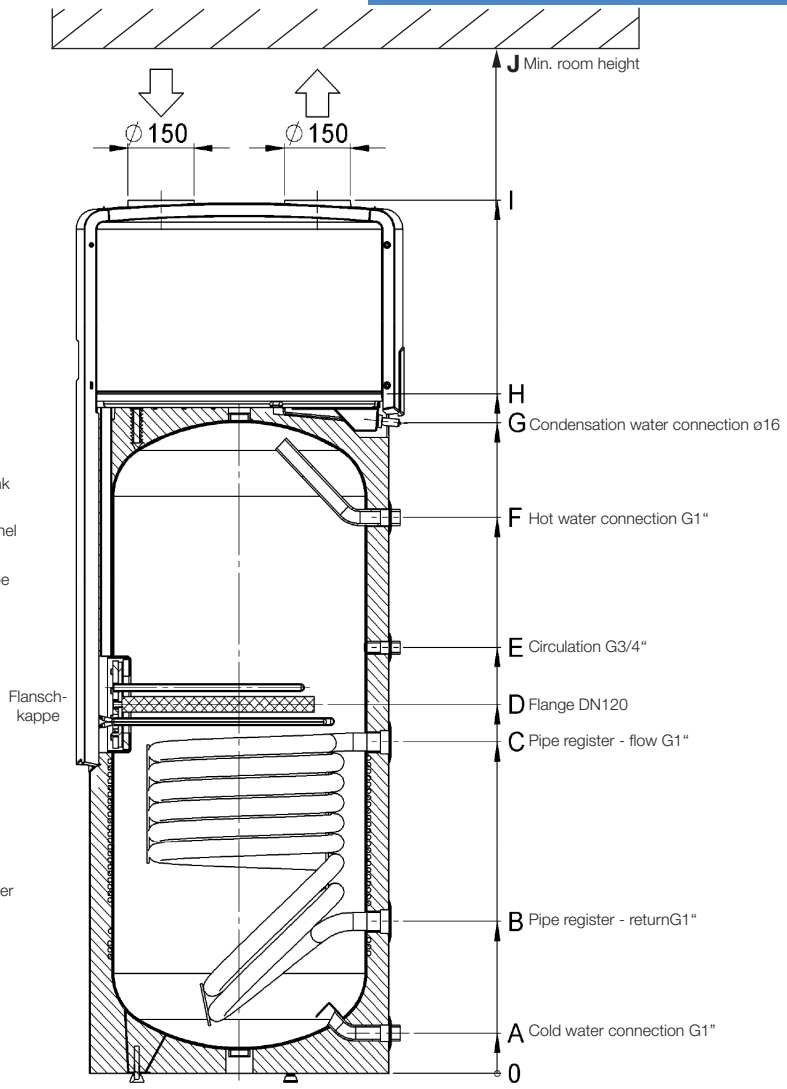
Technical data





Type		WPA 303 ECO-2
Article no.		A 411 89
Heating surface register	m^2	1,2
Tilt dimension	mm	1940

Tilt dimension in mm

A	B	C	D	E	F	G	H	I	J
85	320	700	780	900	1175	1375	1422	1848	2200

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