Simply efficient heating: Domestic hot water preparation from waste heat in single-family homes.

Simply intelligent storage: Use a large amount of your own photovoltaic energy for domestic hot water – with freely adjustable desired temperatures.

Simply versatile compatibility: Remote control via energy management or building management systems possible via RS-485 interface.

Simple operation: LC display with capacitive touch control.

Simply comfortable: 400 l volume for extremely high domestic hot water comfort.

Simply visually appealing: Compact dimensions and modern design for the installation room.
A domestic hot water heat pump is an efficient solution for domestic hot water preparation in both new and existing buildings. The heat pump can cover the domestic hot water consumption in a single family home all year round, independent of an existing heating system. It extracts up to 70% of the energy required for heating from the surrounding air or from the waste heat found in the indoor air. A real advantage is the intelligent storage of large amounts of photovoltaic power, enabling a targeted increase in intrinsic consumption.

### Technical data:

**Order reference**
- DHW 400+
- Article number 375060
- Nominal cylinder volume 385 litres
- Cylinder material Enamelled steel complying with DIN 4753
- Additional heat exchanger 1.35 m²
- Nominal cylinder pressure 6 bar
- Lower / upper operating limit heat source for heat pump operation +7 to +35 °C
- Domestic hot water setting range in heat pump operation +20 to +60 °C
- Air flow 325 m³/h
- Air duct connection length max. 10 m
- Air duct connection diameter / nominal width with EPP ventilation pipe 190 mm / DN 160
- Sound power level 60 dB (A)
- Sound pressure level at a distance of 1 m 50 dB (A)
- Dimensions (W x H x D): 740 x 2043 x 776 mm
- Weight (empty) 132 kg
- Degree of protection IP 21
- Connection voltage 1 / N / PE ~230 V, 50 Hz
- Connection line approx. 2,7 m – 1.5 mm² with plug
- Fuse protection C16 A (C13 A³)
- Heat pump nominal power consumption at 60 °C 2 528 W
- Additional electrical heating power consumption 1500 W
- Total power consumption max. 2200 W
- Circulation pipe connection R ¾
- Domestic hot water/cold water connection R1
- Heat-up time from 10 to 45 °C / 10 to 60 °C 2 9:50 h / 13:20 h
- Mean heat output at 45 °C 3 3.1
- COP according to EN 16147 cycle XL 2 3.1
- Usable hot water quantity 560 litres
- Stand-by energy consumption at 45 °C in 24 h 0.82 kWh

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1 Depending on the existing electrical installation.
2 Heating up of the nominal volume from 10 to 55 °C at an air intake temperature of 15 °C and a relative humidity of 70 %.
3 Heating up of the nominal volume from 15 °C to 45 °C at an air intake temperature of 20 °C and a relative humidity of 70 %.