

Efficiency at its best

Domestic hot water heat pump | EcoWell



EcoWell | Domestic hot water heat pump



Saving energy made easy

The EcoWell Domestic hot water heat pump supplies your house with warm water while saving you energy. You can use up to 70 % of the energy required for this free of charge

Extracting heat and cooling rooms

EcoWell extracts heat energy from the ambient air and uses it to heat drinking water. EcoWell is designed especially for rooms in which the exhaust heat can be used. A clever concept for the set-up is crucial.

Top quality in all respects

EcoWell is characterised by a successful design and outstanding performance values. The modern LED display allows a high level of user comfort. The stainless steel tank is welded and finished to a particularly high standard.

Always clean water - easy to install

The drinking water is heated to 70 °C with an additional built-in heating element and is therefore protected at all times against legionella. The installation of EcoWell is very simple: set up, connect the water pipes, plug into the electricity supply - finished.



Features

- Hot water heat pump for the domestic hot water supply to households
- Available in capacities of 250 and 300 litres
- Large LED display showing:
 - Current storage temperature
 - Specified target temperature
 - Symbol for hot water stand-by
 - Immersion heater function status
 - Clock with built-in timer for controlled activation of the system
- Central control buttons for the functions
 - Power On/Off
 - Temperature setting
 - Additional heating On/Off
- Standard-equipped electric immersion heater with 1.5 kW
- Electrical connection: 220 - 240 V/50 Hz/1 phase
- Refrigerant R134a
- Coefficient of performance COP 2.95 (EN16147)
- Optimised set-up dimensions
e.g. for 300 l of storage capacity:
640 mm diameter x 1845 mm high
- Side handles for easy transport

Highlights

- High-quality stainless steel storage tank with longer service life and for improved water quality
- Legionella protection due to high storage temperatures
- Housing insulation with maximum thermal insulation
- Intuitive to use LED control display
- Ready-to-use assembly

| Technical data | 250 | 300 |
|--|-------|-------------------------------|
| Tank capacity (l) | 235 | 285 (with heat exchanger 277) |
| Heating capacity heat pump (kW) | 1.8 | 1.8 |
| Heating capacity electric heating element (kW) | 1.5 | 1.5 |
| COP (20 °C room temperature according to EN 16147) | 2.95 | 2.95 |
| Maximum operating pressure | 8 bar | 8 bar |

| Electrical Data | | |
|--|----------|----------|
| Supply voltage (V/Ph/Hz) | 230/1/50 | 230/1/50 |
| Heating pump power input (A) | 3.2 | 3.2 |
| Electric heating element consumption (A) | 6.5 | 6.5 |
| Maximum power heat pump (W) | 700 | 700 |
| Power electric heating element (W) | 1500 | 1500 |

| R134a refrigerant circuit | | |
|---------------------------|----------------------|----------------------|
| Refrigerant | R134a | R134a |
| Defrost cycle | reverse circuit | reverse circuit |
| Heat source | air (550 - 600 m³/h) | air (550 - 600 m³/h) |

| Operation limits | | |
|--|-------|-------|
| Maximum hot water temperature without electrical heating | 60 °C | 60 °C |
| Maximum hot water temperature with electrical heating | 70 °C | 70 °C |
| Minimum air temperature (heat source) | -5 °C | -5 °C |
| Maximum air temperature (heat source) | 40 °C | 40 °C |

| Dimensions / Weight | | |
|---|------------|------------|
| Dimensions Ø x H, mm | 640 x 1633 | 640 x 1845 |
| Net weight (kg) | 94 | 97 |
| Connection dimensions cold water / hot water / condensate | ¾" | ¾" |



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