



Danfoss Vent

Recycling unit for exhaust air

The Danfoss Vent is a heat recycling unit that can be combined with all Danfoss heat pumps. It helps you capture and reuse the indoor heat that is extracted from your home which increases the efficiency of your heat pump.

The Danfoss Vent is an exhaust air module – it uses the house's exhaust air to heat the coolant in your heat pump. This means that heat is recycled instead of being wasted and that the pump's COP* increases. All in all, it's a win-win situation for our environment and your wallet.

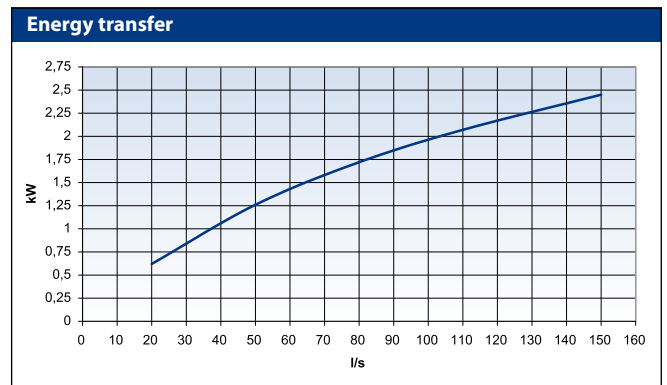
* COP (Coefficient Of Performance) is the measurement of how efficiently the heat pump operates.

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The hot extracted air passes a water coil and transfers its heat to the water that comes from the ground or rock collector etc. The transferred energy supplies the cold side of the heat pump and therefore increases the heat factor of the heat pump. The Danfoss Vent has been designed for installation on the wall next to your heat pump or elsewhere in your home.

Vent	
Electrical connection	230 V
Fan output	120 W
Water flow	0.15 ¹⁾ l/s 0.2 ²⁾ l/s
Ventilation connection	160 mm
Condensation line dimension	DN 15 mm
Weight	34 kg

1) At air flow of 40 l/s - 80 l/s
2) At air flow of 80 l/s - 140 l/s



The chart applies to: Air temperature in +20°C, relative humidity 50 %, temperature brine in 0°C, Ethylene alcohol 29 %.

Connection:

- 1 Bleeding
- 2 Water IN, DN 15
- 3 Water OUT, DN 15
- 4 Air IN, connection dimension 160
- 5 Air OUT, connection dimension 160

