

EcoAir 520M Inverter Air Source Heat Pump

EcoAir 520M Heat Pump draws energy from the ambient air and transfers it to domestic hot water and heating water. It works down to -22°C outdoor temperature and offers heating water up to 65°C. This is a 3-phase inverter heat pump, equipped with the latest technology, its design being based on the time-proven EcoAir 400 series. EcoAir 520M features a brand new scroll compressor with speed control and a long service life that will adapt to any requirements of your home.

- new scroll compressor with speed control and a long service life
- 3-20 kW output
- SCOP 4.5
- Energy Efficiency Class A+++
- to be used with 3-phase PV source



*Energy Efficiency Class for the set with controller under average climate conditions for low-temperature application

EcoAir 520M Heat Pump installs easily, offering a high COP and low noise level. Its output range is between 10 and 20 kW. It features automatic on-demand defrosting that reduces the defrosting needs to minimum. That brings more heat, higher output and a longer service life.

Technical Data

EcoAir 520M

| | | | |
|-------------------------------------|--------------------|-------------|------------|
| Output | | [kW] | 3-20 |
| SCOP | | [-] | 4.5 |
| Air/water temperature in °C | A7/W35* 20 rps | Heat output | [kW] 4.89 |
| | | Power input | [kW] 0.90 |
| | | COP | [-] 5.43 |
| | A2/W35* 38 rps | Heat output | [kW] 8.31 |
| | | Power input | [kW] 2.21 |
| | | COP | [-] 3.76 |
| | A-7/W35* 90 rps | Heat output | [kW] 10.40 |
| | | Power input | [kW] 4.57 |
| | | COP | [-] 2.28 |
| Energy Efficiency Class ** | | [-] | A++ |
| Dimensions and weight | Width | [mm] | 1375 |
| | Height | [mm] | 1180 |
| | Depth | [mm] | 610 |
| | Weight | [kg] | 186 |
| Sound power level | | [dB(A)] | 55.4 |
| Sound pressure level at distance of | 5 m | [dB(A)] | 35 |
| | 10 m | [dB(A)] | 29 |
| Code | | | 15117 |

*Values measured according to EN 14511 incl. defrost cycle in a Test Lab of the manufacturer.

** Seasonal space heating energy efficiency class under average climate conditions for low-temperature application.