

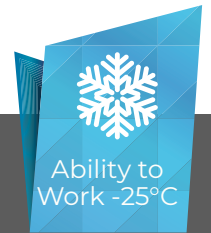
Ecocycle M22

By using the heat energy in the air, it provides energy savings up to 80% while transferring the heat to the installation water circulating in your house. It has **heating and cooling** modes.

In heating mode, it can convert 7 degrees of heat from the air into 35 degrees water. It has a capacity of **7.2-21.8 kW** in heating mode and an efficiency of **COP 4.61**. In cooling mode, it can convert 35 degrees of heat from the air into 7 degrees of water. It has a capacity of **6.4-16.7 kW** in cooling mode and an efficiency of **EER 3.24**.

Technical Specifications

| | |
|------------------|-----------------------------|
| Capacity | 22kW |
| Circulation Pump | External |
| Compressor | Mitsubishi DC Scroll |
| Operating Modes | Cooling, Heating, How Water |
| Power Supply | 380V |
| Reactor Coolant | R410A |
| Size H/W/D (mm) | 1200/540/1750 |
| Weight (kg) | 210 |



| | | Ecocycle M22 | Ecocycle M40 | Ecocycle M65 |
|---------------------------------------|----------------------------------|--------------|---------------|--------------|
| Heating A7/W35 | Rated Power | 7,2-21,8 kW | 13,6-39,87 kW | 24,3-60,8 kW |
| | COP(60rps) | 4,61 | 4,62 | 4,64 |
| Cooling A35/W7 | Rated Power | 6,4-16,7 kW | 12,1-31,3 | 13,4-47,1 |
| | COP(60rps) | 3,24 | 3,23 | 3,26 |
| Compressor | Mitsubishi | | | |
| Compressor type | DC Scroll | | | |
| Compressor driver | Mitsubishi | | | Frecon |
| Heat exchanger | SWEP Brazed Plate Heat Exchanger | | | |
| Fan | EBM EC | | | |
| Refrigerant | R410A | | | |
| Max outlet water temperature | 60°C | | | |
| Minimum outdoor operating temperature | -25°C | | | |
| Dimensions | Width | 1200 mm | 1210 mm | |
| | Depth | 540 mm | 1090 mm | |
| | Height | 1750 mm | 1400 mm | |
| Electricity | Operating voltage | 380V | | |
| | Phase | Three | | |
| | Maximum amperage | 27 A | 40 A | 55 A |
| | Frequency | 50 Hz | | |
| Defrost type | Active-Passive | | | |
| Cooling Strategy | Active | | | |