

DIRECT HEATING

For Sanitary Hot Water Production (Commercial applications)

MODELS:

30CWH200M

30CWH420M



30CWH200M



30CWH420M

*Preliminary data

Features

- R410A gas, environmentally friendly.
- Free modular combination (up to 16 units for size 200 and up to 4 units for size 420).
- Unique defrosting flow path.
- Air side reserved special defrosting flow path, when the system is defrosting, the four-way valve is reversing, the system will absorb energy from special defrosting flow path, the defrosting progress will have no impact on water temperature.
- High efficiency compressor.
Efficient scroll compressor, from Copeland or Danfoss.
Flexible design, low temperature design guarantees performance.
- Proprietary gas balance and fluid balance design to ensure the unit operates reliably.
- Electric water flow valve supplies hot water at a stable temperature and expands the life of compressor.

Specifications

| | | 30CWH200M | 30CWH420M |
|---------------------------|-------------------|-------------------|--------------------|
| Heating capacity | KW | 20.4 | 39.0 |
| Power input | KW | 5.23 | 9.65 |
| COP | | 3.90 | 4.04 |
| Max. current | Amps | 13.0 | 24.0 |
| Leaving water temperature | °C | 48°C ~ 60°C | 40°C ~ 60°C |
| Ambient temperature | °C | -15°C ~ 43°C | -15°C ~ 46°C |
| Power supply | | 380 - 415 / 3ph | |
| Refrigerant type | | R410A | |
| Compressor | | SCROLL - COPELAND | |
| Fan motors air flow | m ³ /h | 5929 | ≥12000 |
| Dimensions (WxHxD) | mm | 750 x 1100 x 750 | 1015 x 1775 x 1026 |
| Net weight | Kg | 148 | 323 |
| Noise level | dB(A) | 63 | 66 |
| Water pipe connections | mm | DN25 | DN32 |
| Hot water yield | m ³ /h | 0.45 | 0.85 |

* **Test conditions:** Ambient temperature 20/15 °C (DB/WB), water inlet temperature 15 °C - water outlet temperature 55 °C.

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