



Industrial heat pump with a capacity of 200 kW using R245fa refrigerant for the production of hot water up to +95°C or steam up to +120°C. Technological processes.

| MODEL | | AA | 200V245 |
|----------------------------------|--------------------|-----------------------|---|
| Heating capacity | | kW | 200 |
| | | Tone | 56.3 |
| Cooling capacity | | kW | 156 |
| | | Tone | 44.4 |
| Condenser | Environment | | Water |
| | | Tip | High efficiency shell and tube heat exchanger |
| | Outlet temperature | °C | 90 |
| | Inlet temperature | °C | 80 |
| | The dirt factor | m ² .°C/kW | 0.044 |
| | Water flow | m ³ /h | 18 |
| | Pipe size | mm | F89 |
| | Pressure drop | kPa | 35 |
| Evaporator | Environment | | Water |
| | | Tip | High efficiency shell and tube heat exchanger |
| | Outlet temperature | °C | 45 |
| | Inlet temperature | °C | 48 |
| | The dirt factor | m ² .°C/kW | 0.018 |
| | Water flow | m ³ /h | 44 |
| | Pipe size | mm | Φ114 |
| | Pressure drop | kPa | 60 |
| Compressor | | Tip | Advanced asymmetric semi-closed twin-screw compressor |
| | Energy control | | 25~100% (Continuous capacity control) |
| | Power supply | V/F/Hz | 380-415/3/50 |
| | Amount | | 1 |
| | Start mode | | Y-ΔSolid state, Soft, Direct |
| | Input power | kW | 42 |
| | Rated current | A | 75 |
| | Starting current | A | 225 |
| Operation control mode | | | PLC automatic control system, touch screen user interface simplifies operation |
| Safe protection device | | | High pressure, low pressure, high exhaust gas temperature, low water temperature, low oil flow, water flow, overload, reverse phase, phase loss, etc. |
| Water pipe connection | | | Flexible coupling joint |
| Refrigerant | Tip | | R245fa |
| | Loading rate | kg | 96 |
| Lubricating oil filling capacity | | L. | 40 |
| Size | Length | mm | 3289 |
| | Width | mm | 1461 |
| | Height | mm | 1952 |
| Weight | Netto | kg | 3862 |
| | Brutto | kg | 4128 |