

CIM-4W (-30°C to +170°C) – For Pilot Applications.

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| Operating temperature range | -30°C to +170°C |
| Temperature control accuracy | ±5°C |
| Temperature display | 7" touch screen display |
| Temperature display resolution | 0.01 |
| Internal / Jacket temperature sensor | 3-wire RTD PT-100 sensor |
| External / Process sensor connection | 3-pin male connector |
| Controller type | PID, Process / Jacket control selectable |
| Communication / Interface | RS-485 Mod bus, Ethernet. |
| Alarm message | Indicative |
| Type of Cooling | Refrigerated |
| Refrigerant | R-404a, CFC free |
| Cooling power with | Methanol |
| @ 0 °C | 90 kW |
| @-10 °C | 45 kW |
| @-30 °C | 24 kW |
| Type of Heating | Electrical |
| Heating Power | 66 kW |
| Machine standard version | Water-Cooled |
| Cooling water minimum flow | 7000 l/hr |
| Cooling water pressure | 3 bar |
| Cooling water temperature | 10~30°C |
| Cooling water connections | 1" hose nipple |
| Circulation Pump maximum flow | 120 l/min |
| Circulation Pump maximum pressure | 1.0 bar |
| Machine end connection | M42x1.5 Male |
| Machine overall dimension (W x D x H) | 2000 x 1200 x 2000 mm |
| MOC | Complete SS-304 construction |
| Power supply | 3-Phase, 420V AC, 50 Hz |
| Maximum current | 110A |
| Ambient temperature condition | 10°C ~ 35°C |
| <u>Standard Safety Features:</u> | |
| Phase reversal prevention | Cut-off, Indication / Message, Manual reset |
| Over temperature protection | Cut-off, Indication / Message, Auto reset |
| Compressor over pressure | Cut-off, Indication / Message, Manual reset |
| Compressor over heat | Cut-off, Indication / Message, Auto reset |

- Since development is a continuous process, above specifications can change without prior notice
- The temperature mentioned above is at outlet of the machine hence temperature inside the load may vary due to various factors like process design, distance, head, insulation etc.