

Smart In-Row (Chilled Water)

Right at the source

Canatec Smart In-Row comprises of compact floor standing units engineered specifically for high density loads. Precision in-row cooling placed right at the heat source allows for direct cooling and minimizes hot air & cold air mixing. Efficient airflow paths increase efficiency to ensure better energy savings.

Cooling Capacity

20kW to 60kW

Recommended for

- Data Centres
- High-density Racks
- Server Rooms
- Production Racks
- High Computing Power Racks



Features & Benefits



ELECTRONIC EXPANSION VALVE

Regulates according to the amount of cooling required. For air-cooled units.



CO-WORK™

Enables main board linkage between units for enhanced backup.



ACCESSIBLE DESIGN

Front & rear panels allow for ease of maintenance.



2-WAY MODULATING VALVE

Automatic adjustment according to heat load requirement. For chilled water units.



UPTHROW CONFIGURATION

Preferred for dense environments where raised floor is not available.



SMART CONTROLLER

Multiple monitoring functions and interfacing via Modbus RTU protocol.

Specifications

| Model (SRC***) | 035 | 050 | 075 |
|--------------------------------|---|---------------|---------------|
| Condition | RAT 36°C, CHW 18°C/26°C | | |
| Total Cooling Capacity (kW) | 9.5 | 29.6 | 41.6 |
| Sensible Cooling Capacity (kW) | 9.5 | 29.6 | 41.6 |
| SHR | 1.00 | 1.00 | 1.00 |
| Air Volume (CMH) | 4500 | 9000 | 13000 |
| CHW Flowrate (L/s) | 0.33 | 0.94 | 1.33 |
| Power Input (kW) | 1.2 | 1.9 | 2.9 |
| Condition | RAT 30°C, CHW 8°C/15°C | | |
| Total Cooling Capacity (kW) | 16.6 | 41.5 | 58.9 |
| Sensible Cooling Capacity (kW) | 16.6 | 41.5 | 58.9 |
| SHR | 1.00 | 0.90 | 0.91 |
| Air Volume (CMH) | 4500 | 9000 | 13000 |
| CHW Flowrate (L/s) | 0.62 | 1.49 | 2.12 |
| Power Input (kW) | 1.2 | 1.9 | 2.9 |
| External Static Pressure (Pa) | 5 | 5 | 5 |
| Fan Type | EC Plug Fan | | |
| Fan Quantity | 6 | 2 | 3 |
| CHW Inlet/Outlet (mm) | DN32 | DN40 | DN40 |
| Unit Dimension (WxDxH) in mm | 300×1200×2200 | 600×1200×2200 | 600×1200×2200 |
| Unit Weight (kg) | 155 | 300 | 320 |
| Power Supply | 380~415V 3PIN 50/60Hz | | |
| Standard Accessories | G4 Filter, Pressure Switch (Filter Dirty), Water Leak Sensor | | |
| Optional Accessories | ATS, Battery Backup, Power Meter, EPIV / Energy Valve, Smoke Detector, Remote Air Sensor in Aisle, Heater | | |

- Please contact our representatives for other requirements.
- The manufacturer reserves the rights to make changes to the product specifications. The data shown above may vary..