

Smart In-Row (Air-Cooled)

Right at the source

Canatec Smart In-Row are compact floor-standing precision cooling positioned between server racks. These units offer a space-efficient alternative to larger CRAC equipment, while still providing powerful direct cooling.

Its modular design allows seamless upgrades without disrupting operations. This flexibility enables data centers to evolve as computing demands and thermal loads increase.

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.



Cold/Hot Aisle Compatible

Suited to different data centre layouts and cooling requirements.



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 (SRA***v)	025	035	045	060
Condition	RAT 36°C, Condenser 40°C			
Total Cooling Capacity (kW)	23.5	38.5	41.2	61.4
Sensible Cooling Capacity (kW)	23.5	38.5	41.2	61.4
SHR	1.00	1.00	1.00	1.00
Air Volume (CMH)	3600	6500	7310	10965
Power Input (kW)	8.0	13.9	15.2	25.3
EER	2.9	2.8	2.7	2.4
Condition	RAT 30°C, Condenser 40°C			
Total Cooling Capacity (kW)	17.7	31.5	34.2	50.4
Sensible Cooling Capacity (kW)	17.7	31.5	34.2	50.4
SHR	1.00	1.00	1.00	1.00
Air Volume (CMH)	3600	6500	7310	10965
Power Input (kW)	8.3	11.3	12.8	18.4
EER	2.1	2.8	2.7	2.7
External Static Pressure (Pa)	5	5	5	5
Fan Type	EC Plug Fan			
Fan Quantity	6	2	2	3
Refrigerant Type	R410A			
Compressor QTY	1	1	1	1
Compressor Type	Hermetic Scroll			
CU Model	NACD22A	NACD26A	NACD30A	NACD34A
CU Width (mm)	1495	2090	2090	2395
CU Depth (mm)	1235	1235	1235	1335
CU Height (mm)	1275	1165	1255	1240
CU Weight (kg)	135	165	195	234
Piping Connection Size (mm): Gas	16	19	19	22
Piping Connection Size (mm): Liquid	12	16	16	16
Unit Width (mm)	300	600	600	600
Unit Depth (mm)	1200	1200	1200	1200
Unit Height (mm)	2200	2200	2200	2200
Unit Weight (kg)	300	350	380	420
Power Supply	380-415V 3PIN 50/60Hz			
Standard Accessories	G4 Filter, Pressure Switch (Filter Dirty), Water Leak Sensor, Inverter Compressor			
Optional Accessories	ATS, Battery Backup, Power Meter, Smoke Detector, Remote Air Sensor in Aisle, Heater, V-Coil Condenser			

- 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.