

CANATEC

Smart In-Row (Air-Cooled)

Right at the source

Close proximity cooling for increased efficiency
Canatec Smart In-Row are compact floor-standing precision cooling positioned between server racks, reducing air travel distance and increasing efficiency. These units offer a space-efficient alternative to larger CRAC equipment, while still providing powerful direct cooling.

Scalable architecture for evolving requirements
Modular design of the Smart In-Row allows for seamless upgrades and integration into common sized racks, while minimizing operational disruptions. This flexibility enables data centers to accommodate for increasing compute densities and evolving thermal demands.

Cooling Capacity
20kW to 60kW per unit

Best Fit Use Cases
Data Centres, High Density Racks, Server Rooms



Features & Functions

Electronic Expansion Valve
Enables main board linkage between units for enhanced backup.

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 in high-density environments where raised floor is not available.

Smart Controller
Multiple monitoring functions and interfacing via Modbus RTU protocol.

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Schematic

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..