

Smart Nano (Chilled Water)

Minimal space, maximum cooling

Canatec Smart Nano is engineered to deliver powerful cooling in space-limited environments, making it ideal for server rooms and high-density small-to-medium data facilities.

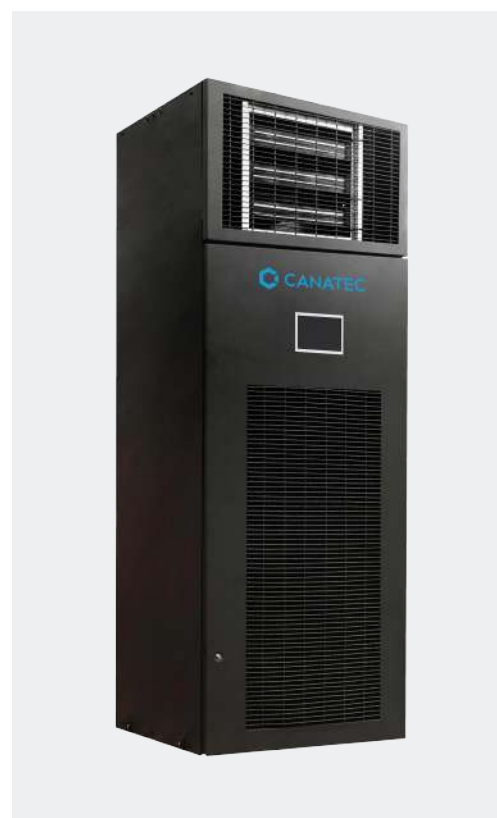
With precise temperature and humidity control, our Smart Nano units maintain stable conditions even under demanding loads. It supports both cold and hot aisle configurations, ensuring efficient airflow management across varying layouts.

Cooling Capacity

10kW to 40kW

Recommended for

- Data Centres
- Test Labs
- Server Rooms
- Command Centres



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 (SNC***)	15	20
Condition	RAT 36°C, CHW 18°C/26°C	
Total Cooling Capacity (kW)	9.5	17.6
Sensible Cooling Capacity (kW)	9.5	17.6
SHR	1.00	1.00
Air Volume (CMH)	2500	5000
CHW Flowrate (L/s)	6.0	6.9
Power Input (kW)	0.28	0.53
Condition	RAT 24°C, CHW 7°C/12°C	
Total Cooling Capacity (kW)	14.0	21.9
Sensible Cooling Capacity (kW)	11.1	19.5
SHR	0.79	0.89
Air Volume (CMH)	2500	5000
CHW Flowrate (L/s)	0.6	1.0
Power Input (kW)	0.67	1.05
External Static Pressure (Pa)	30	30
Fan Type	EC Plug Fan	
Fan Quantity	1	1
CHW Inlet/Outlet (mm)	DN32	DN40
Unit Width (mm)	750	750
Unit Depth (mm)	750	750
Unit Height (mm)	2000	2000
Unit Weight (kg)	265	265
Power Supply	380~415V 3PIN 50/60Hz	
Standard Accessories	Upthrow Configuration, G4 Filter, Pressure Switch (Filter Dirty), Water Leak Sensor	
Optional Accessories	ATS, Battery Backup, Power Meter, EPIV / Energy Valve, Smoke Detector, 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..