

Smart Nano (Chilled Water)

High density cooling system

Canatec Smart Nano combines is designed for tight spaces and especially suitable for server rooms and high-density small-to-medium data facilities.

Our Smart Nano units offer precise temperature and humidity control in a compact, reliable unit further powered by Co-Work network capability and user-friendly HMI interface.

Cooling Capacity

10kW to 40kW

Recommended for

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



Features & Benefits



2-WAY MODULATING VALVE

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



CO-WORK™

Enables main board linkage between units for enhanced backup.



ACCESSIBLE DESIGN

Front & side 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, Condenser 40°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
Power Input (kW)	6.0	6.9
CHW Flowrate (L/s)	0.28	0.53
Condition	RAT 36°C, Condenser 40°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
Power Input (kW)	0.6	1.0
CHW Flowrate (L/s)	0.67	1.05
External Static Pressure (Pa)	30	
Fan Type	EC Plug Fan	
Fan Quantity	1	
CHW Inlet/Outlet (mm)	DN25	DN25
Unit Dimension (WxDxH) in mm	750*750*2000	750*750*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.