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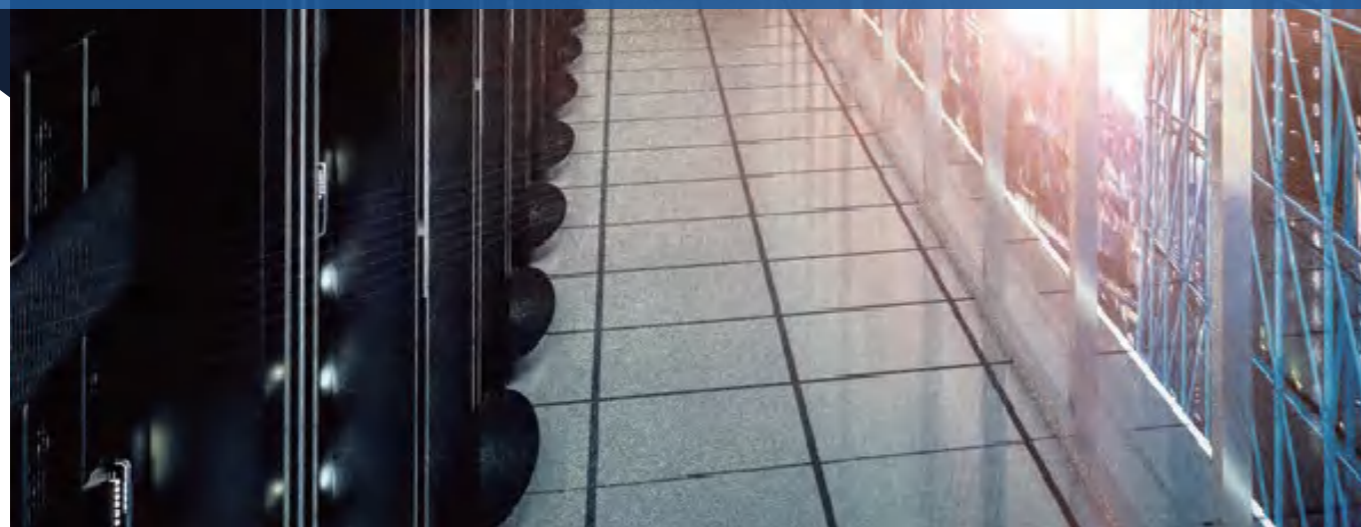
# SPLIT AIR CONDITIONING

Precision Cooling System



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## COMPANY PROFILE

Coolnet focuses on the R&D, production, and application of data center integrated solutions. As technical consulting, product supply, system integrator, and service provider, it is committed to serving customers in the fields of communication equipment rooms, data centers, smart construction, and energy management.

Our solutions include data center temperature, humidity, and energy-saving solutions, small and medium-sized computer room temperature control solutions, micro-module data center solutions, micro-module cabinet solutions, container, and modular data center solutions, communication outdoor cabinet temperature control and energy saving Solutions, cabinet temperature and humidity, and energy-saving solutions.

Has rich research and manufacturing experience in the field of data center equipment, with world-class laboratories, production testing equipment, and a complete line of key equipment rooms. And passed the ISO9001 quality management system certification, ISO14001 environmental management system certification, and the products have passed CE certification, CCC certification, CQC certification, CRAA quality certification, etc.

We are committed to "paying attention to customer needs and realizing customer value" and establishing a win-win cooperation pattern with customers. To become your most trustworthy, most grateful, most professional, most practical, and most reliable partner with the best vision. We will "make every effort to provide value for money products and services to make customers more competitive", and continue to explore and innovate.



# CEILING MOUNT

## Product Configuration



8 Modular design easy installation and expansion during project life cycle

- 1 Highly reliable scroll compressor
- 2 Industry leading brands EC fan
- 3 Intelligent industry-leading controller with color touch screen. Supports BMS integration, teamwork and master/slave working policy.
- 4 A large area of high-efficiency heat exchanger
- 5 Industry-leading brands electronic expansion valve
- 6 A large area air filtration system closed to heat exchanger
- 7 Efficient electrode humidifier

## Key Configurations

- EC/Inverter Fan Stepless Speed Adjusting

- Standard Quick Connection for small capacity models.

- Efficient Finned with Heat Transfer Enhancement

- High-quality Anti-corrosion Coating

- Compatible 55C Ambient Temperature with R134a Refrigerant

- Internally Threaded Piping

- IP55 Waterproof Electrical Box



# TECHNICAL DATA

Model	CM-013	CM-035
Total Capacity-kW	12.5	35.8
SHR-%	100	100
Air Volume-m <sup>3</sup> /h	2500	7500
Mount Type	Ceiling	Ceiling
Height-mm	500	500
Depth-mm	1200	1200
Width-mm	1500	1500
Weight-kg	130	180
Reheat(optional)-kW	1.2	2.4
Hum. (optional)-kg/h	0.5	0.5
Power Input <sup>1)</sup>	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph
FLA-A <sup>1)</sup>	19	36
Power Input <sup>2)</sup>	—	—
FLA-A <sup>2)</sup>	—	—
Outdoor Unit	CY-018	CYP-052
Height-mm	1240	1760
Depth -mm	420	1100
Width -mm	800	2000
Leg Height -mm	—	—
Weight-kg	85	290
Power Input <sup>1)</sup>	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph
FLA-A <sup>1)</sup>	16	30
Power Input <sup>2)</sup>	—	—
FLA-A <sup>2)</sup>	—	—

Notes:

1, Air flow is based upon maximum setting. Fan modulates per real loads.

2, Cooling capacity based on 37 C /24%RH return air and 35 C outdoor temperature with the standard condenser.

3, FLA of indoor unit includes FLA of outdoor unit, and outdoor unit power connected from indoor unit.

4, Standard unit works -15 C and above outdoor temperature. Select low temperature kit to work -35 C and above outdoor temperature.

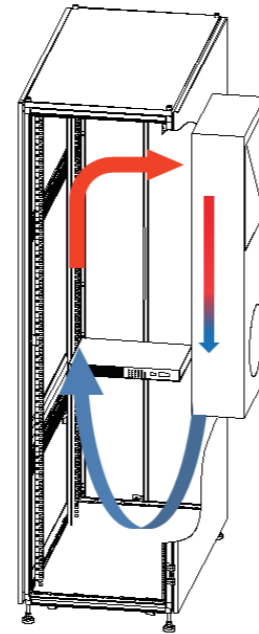
5, Maximum temperature of outdoor ambient can be 55C

## WALL MOUNT

Air cooled, wall mount, indoor and outdoor packaged, suitable for micro data center, mini modular data center solutions.

**1.5kW-31.5kW**

### Product Advantages



- 1 Industry top brand compressor. Highly reliable and efficient.
- 2 Precision cooling controller monitors and protects unit constantly. Easy to be integrated into BMS to display, control and manage the system.
- 3 Adopts high pressure/high air flow centrifugal blower suiting critical equipment cooling condition.
- 4 Packaged design easy for installation, service and shipping.
- 5 Wall mounting to side of cabinet no occupying of IT space.
- 6 Green refrigerant is highly efficient and no ODP.

## TECHNICAL DATA

Unit	WM-001	WM-002	WM-006	WM-008	WM-013	WM-017	WM-020	WM-025	WM-031
Total Cooling-kW	1.5	2.0	5.5	7.5	12.5	17.5	21.2	25.1	31.5
SHR-%	100	100	100	100	100	100	100	100	100
Air Volume-m <sup>3</sup> /h	380	650	1850	2000	2400	3500	4000	5100	6300
Mount Type	Wall	Wall	Wall	Wall	Wall	Wall	Wall	Wall	Wall
Cooling Type	DX	DX	DX	DX	DX	DX	DX	DX	DX
Height-mm	746	746	1920	1920	2100	2100	2100	2100	2100
Depth-mm	200	200	650	650	650	650	650	650	650
Width-mm	446	446	900	900	1000	1000	1000	1350	1350
Weight-kg	34	35	180	230	285	320	355	395	415
Power Input <sup>1)</sup>	208-240V 150Hz 60Hz /1Ph-2Ph	208-240V 150Hz 60Hz /1Ph-2Ph	208-240V /50Hz 60Hz /1Ph-2Ph	208-240V 150Hz 60Hz /1Ph-2Ph	208-240V 150Hz 60Hz /1Ph-2Ph	—	—	—	—
FLA-A <sup>1)</sup>	2.9	3.9	16.5	20.1	34.4	—	—	—	—
Power Input <sup>2)</sup>	—	—	—	—	380-415V /50Hz 60Hz /3Ph	380-415V /50Hz 60Hz /3Ph	380-415V /50Hz 60Hz /3Ph	380-415V /50Hz 60Hz /3Ph	380-415V 150Hz 60Hz /3Ph
FLA-A <sup>2)</sup>	—	—	—	—	15.0	18.4	20.8	26.0	30.9
Power Input <sup>3)</sup>	—	—	—	—	460V/60Hz /3Ph	460V/60Hz /3Ph	460V/60Hz /3Ph	460V/60Hz /3Ph	460V/60Hz /3Ph
FLA-A <sup>3)</sup>	—	—	—	—	12.4	15.2	17.2	25.8	26.8

Notes:

1. Cooling Capacity based on 26 C/40%RH return air and 35 C outdoor air.
2. The frequency 50Hz or 60Hz is configurable upon order.
3. The refrigerant R134a is used for the ambient temperature up to 55C maximum.