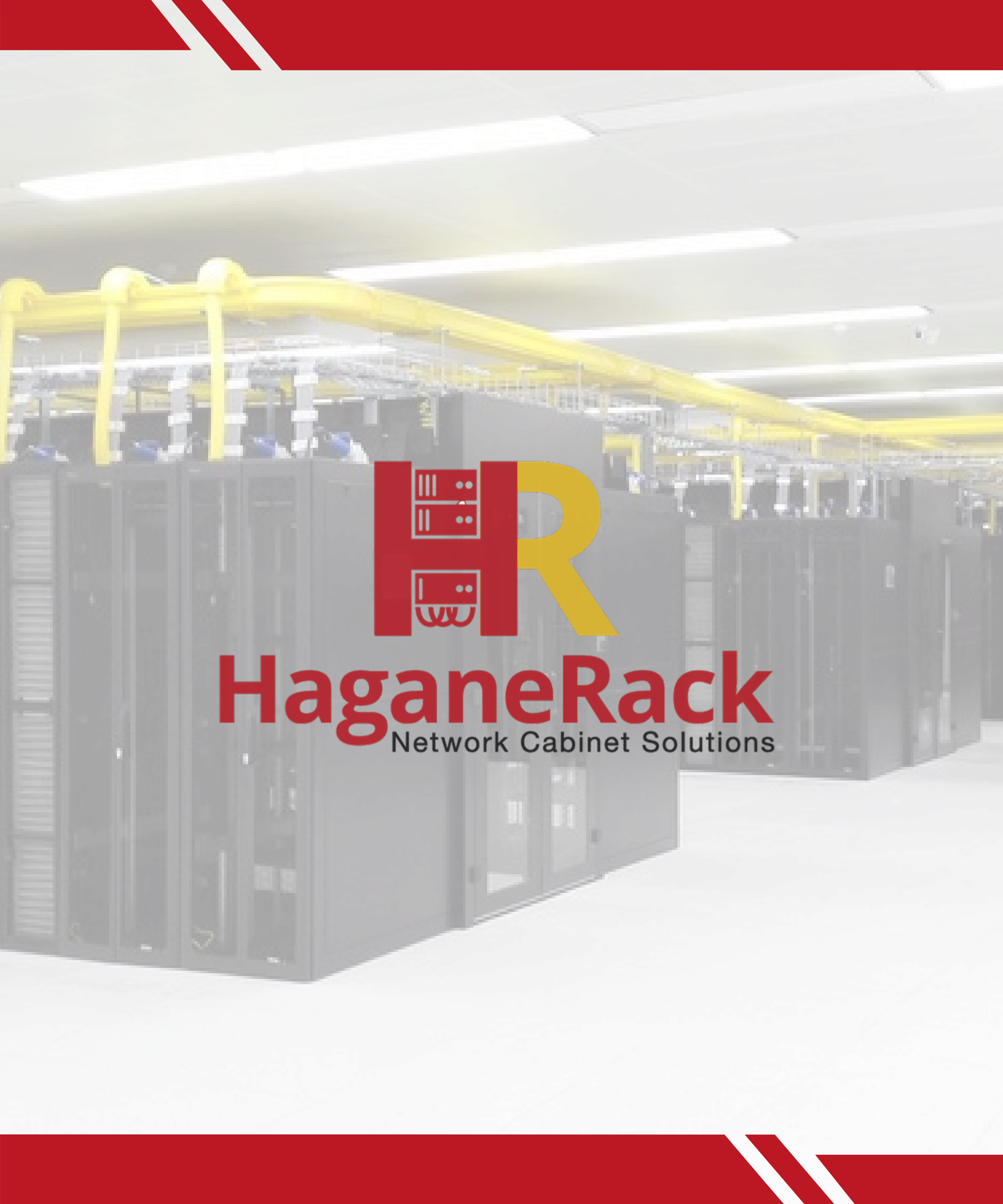




HaganeRack
Network Cabinet Solutions

Close Rack Series

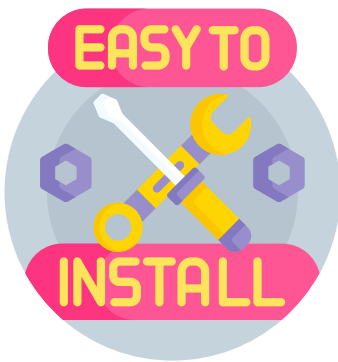
HaganeRack fully adheres to the excellent quality and reliability standards of the International, Compatible to every IT Equipment & Devices, Manufactured with All-steel built, Easy installation rack server, Easy organization and maintenance cables & equipment, Provides excellent airflow. Specially for Big/Macro Devices & Equipment. Seamlessly integrates important rack accessories such as Rack PDUs & Cable Management



Standard Close Rack Max. Load 800KG
Heavy Duty Max. Load 1500KG



Warranty 5 Years for Electrical Parts



Easy to Install only use screwdriver



Excellent Fan Airflow



Compatible to every IT Equipment & Device

Standard Close Rack
600mm & 800mm

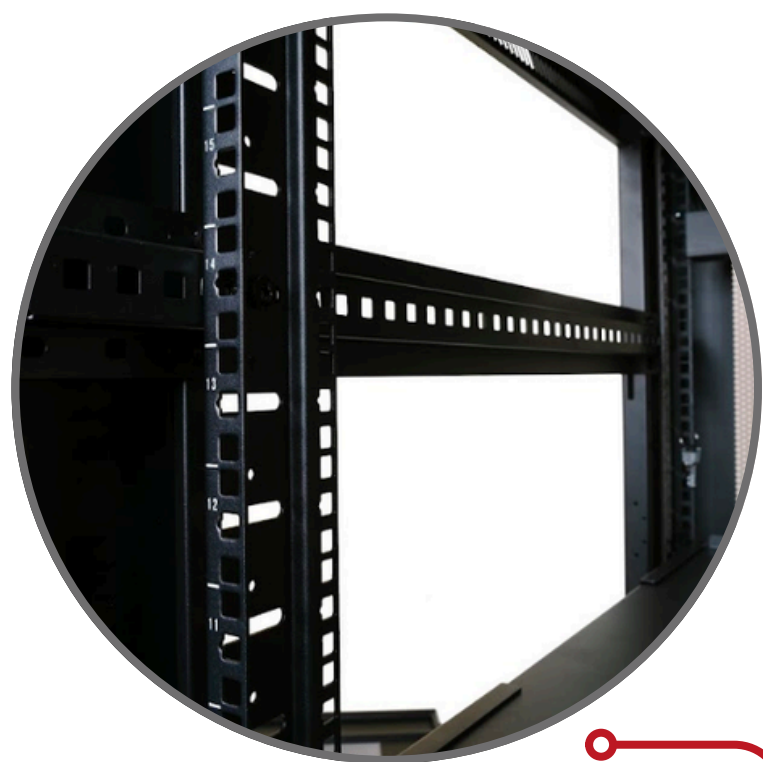


Heavy Duty Close Rack
600mm & 800mm



	Standard Close Rack	Heavy Duty Close Rack
Static Load	800kg	1500kg
Equipment & Mounting Rails	Up To 19" Device / 19" Equipment	Up To 19" Device / 19" Equipment
Door Perforation	80%	80%
Shelf	Fixed Shelf (1) Unit Sliding Shelf (Optional)	Fixed Shelf (1) Unit Sliding Shelf (Optional)
Front Door	Perforated/Tempered Glass	Perforated/Tempered Glass
Rear Door	Perforated/Tempered Glass	Perforated/Tempered Glass
Side Door	Perforated	Full Cover
Top Plate	1 Entry Cable + 4 Fan Modular	5 Entry Cable + 4 Fan Modular
Bottom Plate	2 Entry Cable + Middle Grommet Spot	2 Entry Cable + Middle Grommet Spot
Locking	Handle Lock at Front Door & Rear Door	Handle Lock at Front Door & Rear Door
Power Distribution Unit	7 Outlets (16U, 18U, 20U, 22U, 28U) 12 Outlets (32U, 42U, 45U, 48U)	7 Outlets (16U, 18U, 20U, 22U, 28U) 12 Outlets (32U, 42U, 45U, 48U)
Casters & Adjustable Feets	4 Casters + 4 Adjustable Feets	4 Casters + 4 Adjustable Feets
Warranty	5 Years Electrical Parts	5 Years Electrical Parts

Close Rack Perforated Door



Structure Rack :

- Mounting 19" can be compatible to all IT equipment & device
- Precisely metric system



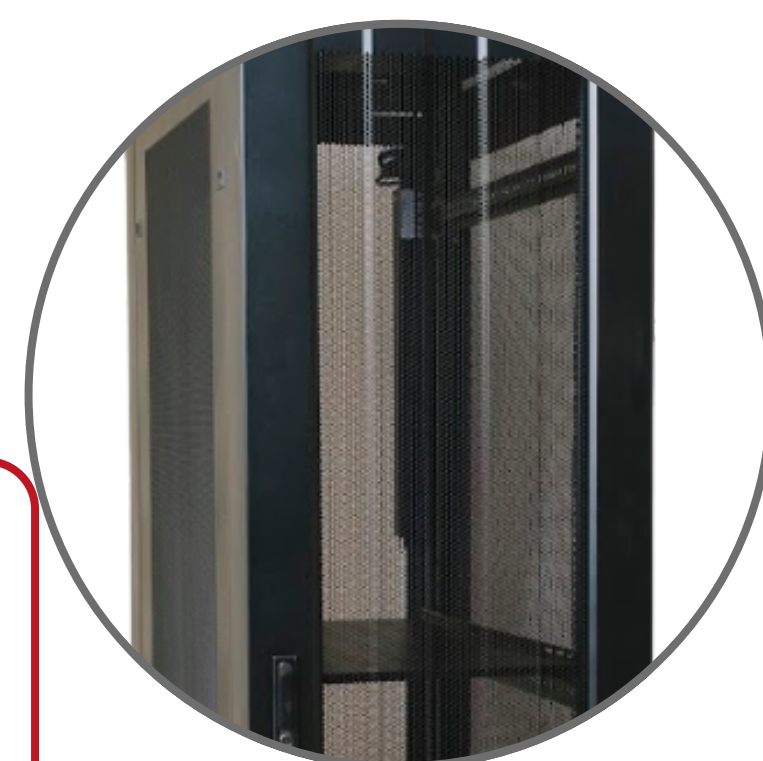
Side Door :

- Provides excellent airflow
- Toolless installation
- Easy install & re-install
- Side door with lock & push-pull latches



Security Lock :

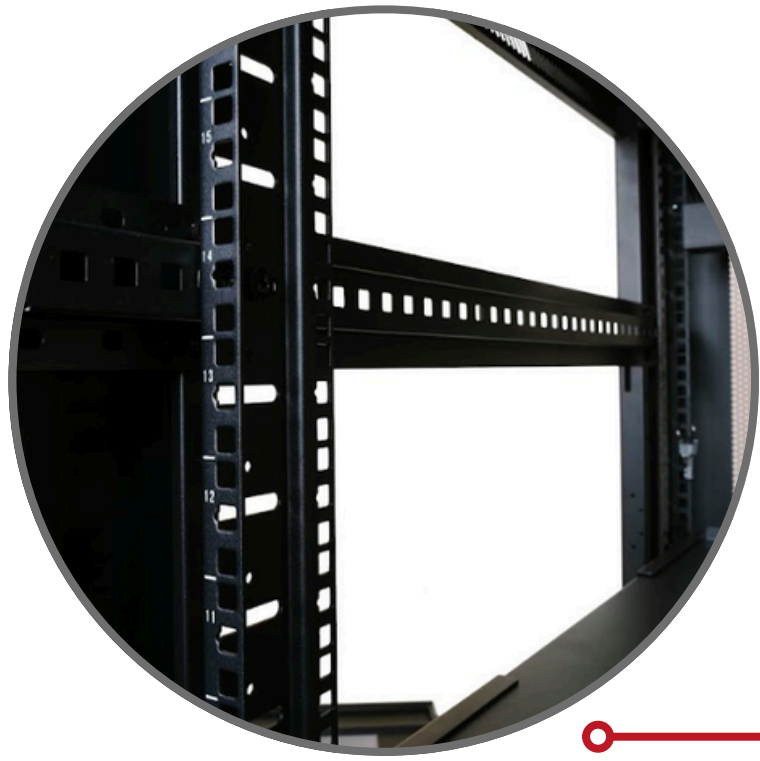
- Safe security handle lock
- Push system to open



Vented Front & Rear Door :

- Single mesh front door & Rear split door
- 80% perforation
- Wave bend door model
- Hexagonal perforated style

Close Rack Glass Door



Structure Rack :

- Mounting 19" can be compatible to all IT equipment & device
- Precisely metric system



Security Lock :

- Safe security handle lock
- Push system to open



Side Door :

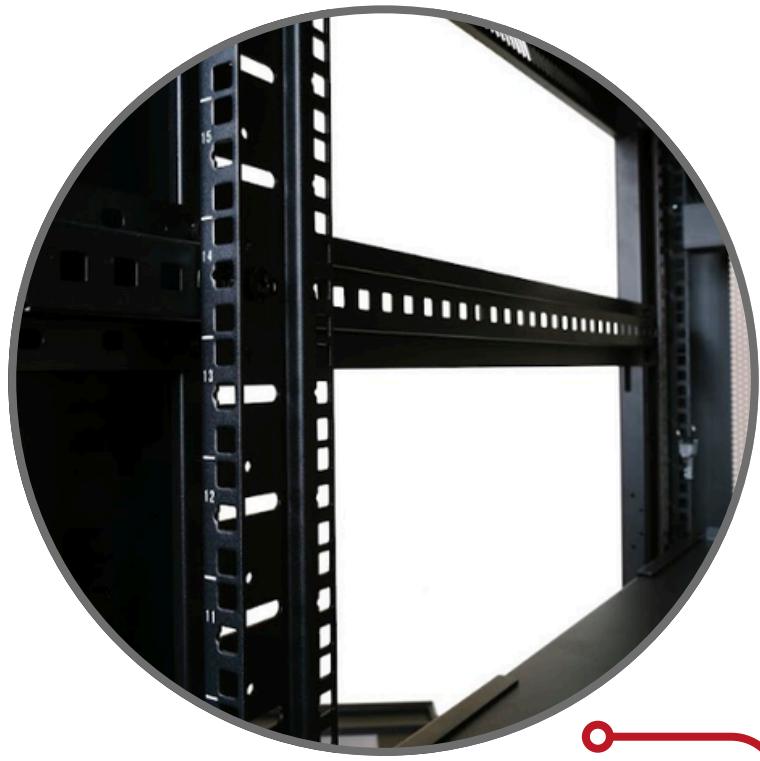
- Provides excellent airflow
- Toolless installation
- Easy install & re-install
- Side door with lock & push-pull latches



Vented Front & Rear Door :

- Single Tempered Glass & Rear split door
- Edge vented front door
- Wave bend rear door
- Hexagonal perforated style

Heavy Duty Series



Structure Rack :

- Mounting 19" can be compatible to all IT equipment & device
- Precisely metric system
- Static load 1500kg - 2000kg



2 Half Split Side Door :

- Toolless installation
- Easy install & re-install
- Side door with lock & push-pull latches



Security Lock :

- Safe security handle lock
- Push system to open
- Unique Key System
- Biometric Lock System



Vented Front & Rear Door :

- Single mesh front door & Rear split door
- 80% perforation
- Wave bend door model
- Hexagonal perforated style

Wallmount Supreme Series

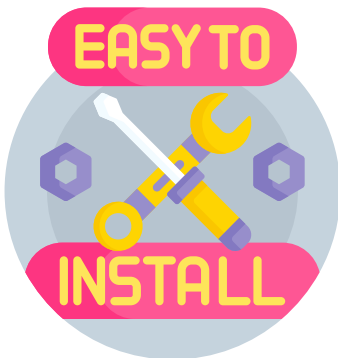
HaganeRack Wallmount Rack fully adheres to the excellent quality and reliability standards of the International, Compatible to every IT Equipment & Devices, Manufactured with All-steel built, Specially for Small/Micro Devices & Equipment.



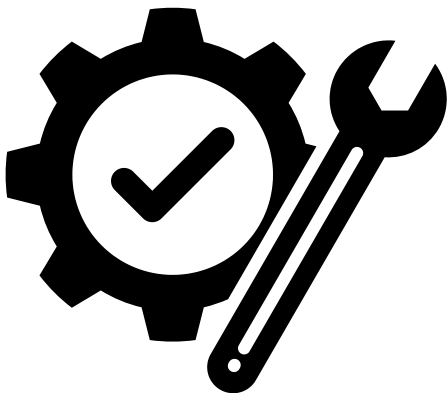
Max. Load 60KG



Warranty 5 Years for Electrical Parts



Easy to Install only use screwdriver



Easy to Install Wallmounted with dynabolt



Compatible to every IT Equipment & Device

Wallmount Rack
Single Door

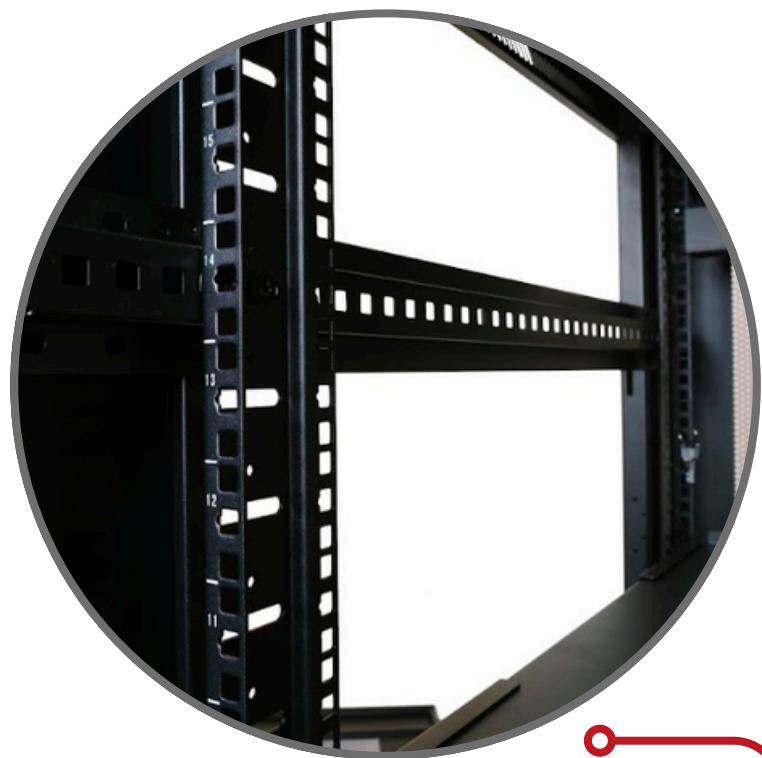


Wallmount Rack
Double Door



	Wallmount Rack Single Door	Wallmount Rack Double Door
Static Load	60kg	60kg
Equipment & Mounting Rails	Up To 19" Device / 19" Equipment	Up To 19" Device / 19" Equipment
Edge Perforation	Yes	Yes
Shelf	Support Angle (1 Set) Included Fixed Shelf (Optional) Sliding Shelf (Optional)	Support Angle (1 Set) Included Fixed Shelf (Optional) Sliding Shelf (Optional)
Front Door	Tempered Glass	Tempered Glass
Rear Door	No	Yes
Side Door	Perforated	Perforated
Top Plate	1 Entry Cable + 1 Fan	1 Entry Cable + 1 Fan
Bottom Plate	1 Entry Cable + 1 Fan (Optional)	1 Entry Cable + 1 Fan (Optional)
Locking	Handle Lock at Front Door	Handle Lock at Front Door & Rear Door
Power Distribution Unit	7 Outlets Surge Protector	7 Outlets Surge Protector
Casters & Adjustable Feets	No	No
Warranty	5 Years Electrical Parts	5 Years Electrical Parts

Wallmount Double Door



Structure Rack :

- Mounting 19" can be compatible to all IT equipment & device
- Precisely metric system



Security Lock :

- Safe security handle lock
- Push system to open
- Unique Key System



Side Perforated Door :

- Toolless installation
- Easy install & re-install
- Side door with lock & push-pull latches



Front & Rear Door :

- Tempered glass door
- 180 degree open
- Rear door can be open

Wallmount Single Door

Brush Panel & Fan :

- Brush panel entry cable for easy management cabling
- Prevent dust inside
- Excellent airflow

Side Perforated Door :

- Toolless installation
- Easy install & re-install
- Side door with lock & push-pull latches

Structure Rack :

- Mounting 19" can be compatible to all IT equipment & device
- Precisely metric system



Security Lock :

- Safe security handle lock
- Push system to open
- Unique Key System



Front & Rear Door :

- Tempered glass door
- 180 degree open

Wallmount Project Series

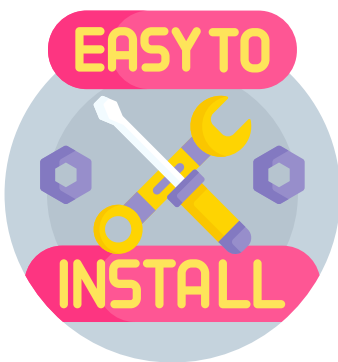
HaganeRack fully adheres to the excellent quality and reliability standards of the International, Compatible to every IT Equipment & Devices, Manufactured with All-steel built, Easy installation rack server, Easy organization and maintenance cables & equipment, Provides excellent airflow. Seamlessly integrates important rack accessories such as Rack PDUs & Cable Managers



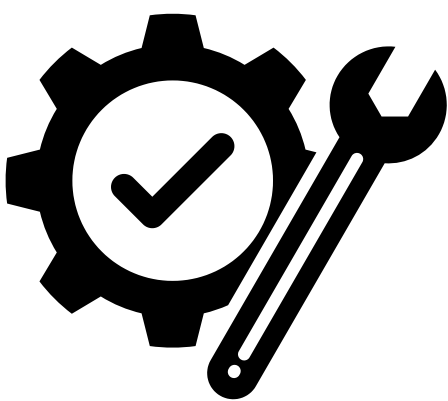
Max. Load 60KG



Warranty 5 Years for Electrical Parts



Easy to Install only use screwdriver



Easy to Install Wallmounted with dynabolt



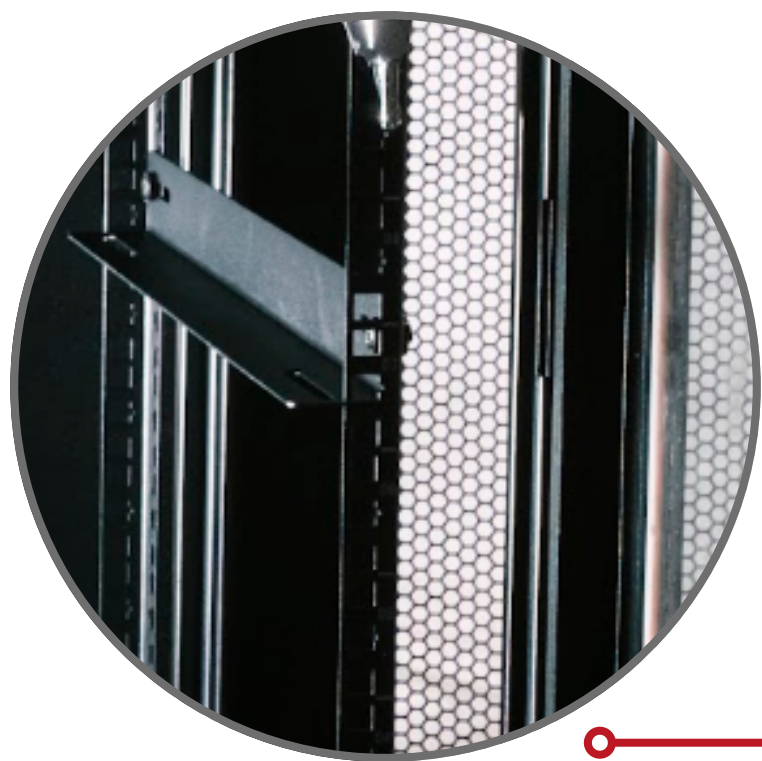
Compatible to every IT Equipment & Device



Wallmount Rack Single Door

Static Load	60kg
Equipment & Mounting Rails	Up To 19" Device / 19" Equipment
Edge Perforation	Yes
Shelf	Support Angle (1 Set) Included Fixed Shelf (Optional) Sliding Shelf (Optional)
Front Door	Tempered Glass
Rear Door	No
Side Door	Perforated
Top Plate	1 Entry Cable + 1 Fan
Bottom Plate	1 Entry Cable + 1 Fan (Optional)
Locking	Handle Lock at Front Door
Power Distribution Unit	7 Outlets Surge Protector
Casters & Adjustable Feets	No
Warranty	5 Years Electrical Parts

Wallmount Project Series



Structure Rack :

- Mounting 19" can be compatible to all IT equipment & device
- Precisely metric system

Brush Panel & Fan :

- Brush panel entry cable for easy management cabling
- Prevent dust inside
- Excellent airflow



Side Door :

- Toolless installation
- Easy install & re-install
- Side door with lock & push-pull latches



Security Lock :

- Safe security cylinder lock



Front & Rear Door :

- Tempered glass door
- 180 degree open
- Flat model

Data Center Aisle Containment Series

Smart Aisle Containment Data Center

HRA-CAC60 / HRA-SCAC60

HRA-CAC80 / HRA-SCAC80



Cold Aisle Containment is an advanced airflow management solution designed to isolate the cold supply air in data centers. By enclosing the cold aisle between rows of server racks, this system ensures that chilled air is efficiently directed to IT equipment intakes, preventing it from mixing with hot exhaust air.

Ideal for medium to large data centers, Cold Aisle Containment significantly improves cooling efficiency, reduces energy consumption, and supports higher rack densities. Available in modular or custom-built configurations, this system can be integrated with existing infrastructure to maximize thermal performance and compliance

Benefits:

- Enhanced cooling efficiency and airflow control
- Reduced operational costs and carbon footprint
- Improved equipment reliability and lifespan
- Scalable design for future expansion

Features:

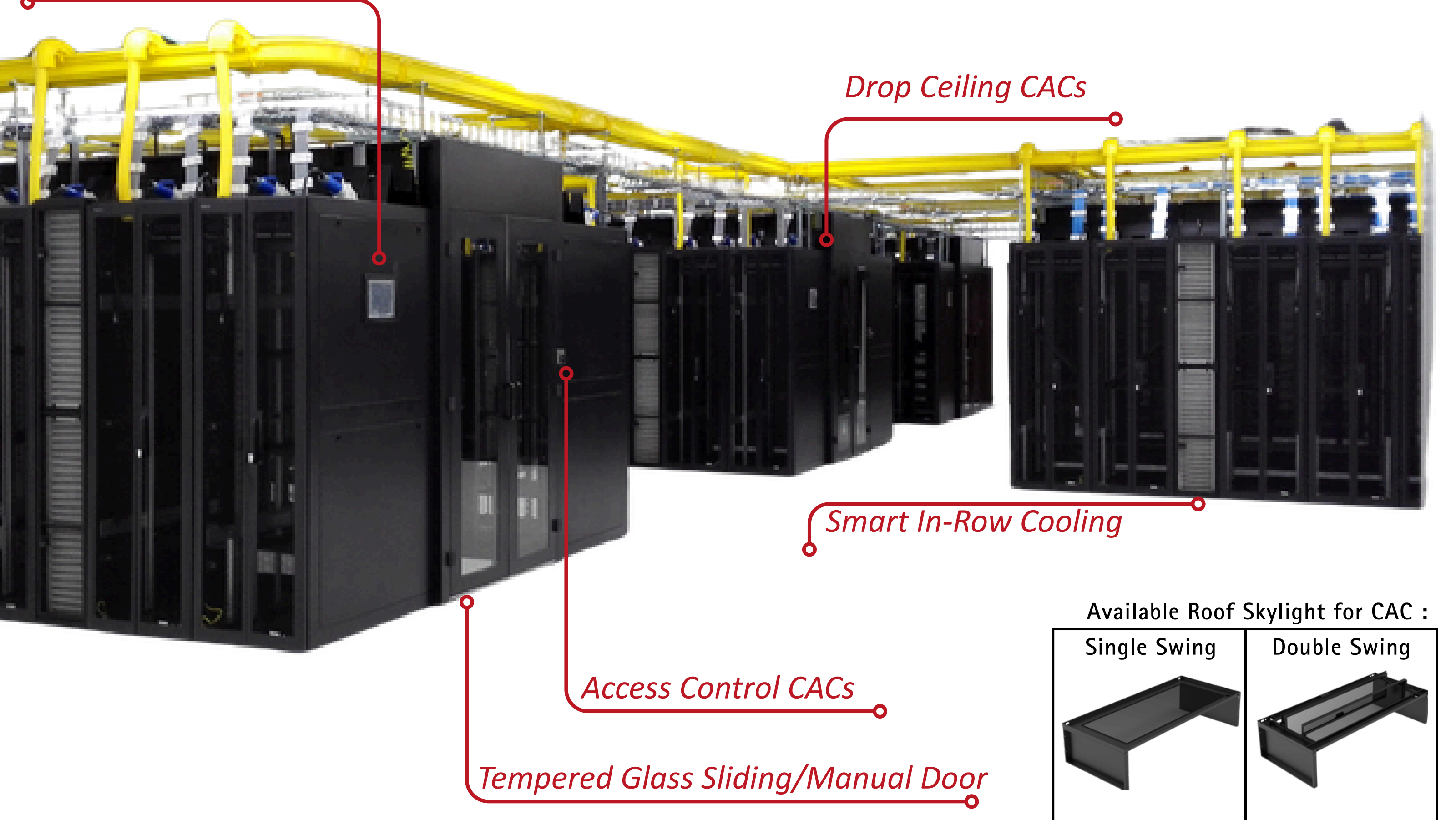
- Monitor Controller Power Environment System
- Access Control Face Recognition , Fingerprint & Touchless Button Exit
- Drop Ceiling (have manual release button)
- Lamp Motion Sensor Each Row
- Motorized Frameless Sliding Door with Anti-Pinch Safety Sensor
- Aisle Containment Integrated with Fire Supression System & DCIM

Cold Aisle Containment

Smart Monitor Controller System



Power Environment System



HaganeRack Hot Aisle Containment

Hot Aisle Containment (HAC) is Data Center Cooling Efficiency Solution and thermal management strategy used in modern data centers to optimize cooling efficiency and maintain equipment performance. In a HAC setup, rows of server racks are arranged back-to-back, with the hot air exhausts facing each other. This creates a “hot aisle” that is enclosed using physical barriers such as doors, walls, and overhead panels.

By containing the hot air, HAC prevents it from mixing with the cold air in the rest of the room. This separation allows the cooling system to operate more efficiently by directing chilled air only where it's needed and improving the return air temperature to the CRAC (Computer Room Air Conditioning) units.

Benefits:

- Improved energy efficiency and reduced cooling costs
- Increased cooling capacity without additional infrastructure
- Better control over airflow and temperature zones
- Enhanced equipment reliability and lifespan



Data Center Cooling Series – InRow Cooling

In-Room Smart Cooling Data Center

IRC10, IRC25, IRC30, IRC40, IRC50, IRC60 Direct Expansion

Introduction

InRow Cooling Direct Expansion (DX) is a precision cooling solution designed specifically for high-density data center environments. Unlike traditional room-based air conditioning, the InRow system is installed directly between server racks, bringing cooling closer to the heat source for maximum efficiency and performance.

InRow DX systems are ideal for modern data centers requiring scalable, modular, and high-efficiency cooling. With features such as intelligent controls, variable speed fans, and precise humidity management, they provide reliable thermal management while optimizing operational costs.

Application

Single rack with power larger than 3kW
High Density Server
Modular DC
Container type DC
DC with low PUE
Hot spot reconstruction

Features

Advanced team work function, Up to 16 remote temperature/humidity sensors Standard RS485 communication interface, optional SNMP and TCP/IP interfaces
Saving 20%-30% energy compared to traditional AC motor Soft-startup function, Low startup current
Adjust rotary speed automatically according to cooling requirements and airflow pressure, and provide airflow required
N+1 redundancy configuration of fans, ensure the airflow in case of any fan fault
Easy-maintenance designed
Adjust the throttle of valve smoothly to save the energy
Wide range of operations, which can help reduce the superheat degree and improve EER
Realize cooling capacity and heat load precise matching
Quick response, realize the precise cooling



Inrow Cooling Data Center

Type	IRC10	IRC25	IRC30	IRC60
Cooling Specification :				
Cooling Capacity (kw)	13.2	26.7	32.5	63.9
Sensible Cooling (kw)	13.2	26.7	32.5	63.9
Maximum Operation Current	24	41	41	59
Compressor :				
Model	Inverter Compressor	Inverter Compressor	Inverter Compressor	Inverter Compressor
Refrigerant	R410A	R410A	R410A	R410A
Fan :				
Type	EC Centrifugal Fan	EC Centrifugal Fan	EC Centrifugal Fan	EC Centrifugal Fan
Total Fan	4	5	2	3
Air Volume (m3/h)	3200	5000	6600	12500
Heater :				
Type	PTC	PTC	PTC	PTC
Capacity (kw)	2	3	6	6
Class	1	1	1	1
Humidification :				
Type	Electrode type	Electrode type	Electrode type	Electrode type
Capacity (kg/h)	1.5	3	3	3
Air Filter	G4	G4	G4	G4
Connection Size :				
Humidifier inlet pipe (in)	G1/2	G1/2	G1/2	G1/2
Drain Pipe Φ (mm)	19	19	19	19
Gas Pipe Φ(mm)	15.88	19.05	19.05	22
Liquid Pipe Φ (mm)	9.52	15.88	15.88	19.05
Weight & Dimension :				
Weight	190 kg	230 kg	280 kg	330 kg
Dimension	300*1200*2000	300*1200*2000	600*1200*2000	600*1200*2000

Note:
Standard working conditions: indoor return air dry bulb temperature 37°C, relative humidity 24%, outdoor dry bulb temperature 35°C;

Air Cooled Condensor :

Power Supply	220Vac/1Ph/50Hz	220Vac/1Ph/50Hz	220Vac/1Ph/50Hz
Fan	2	2	2
Speed Mode	Stepless Speed	Stepless Speed	Stepless Speed
Dimension Condensor	930*385*1260	2025*1015*520	2625*1165*545
Weight Condensor	65kg	156kg	252kg



Data Center Cooling Series – DCCool90D

In-Room Smart Cooling Data Center

DCCool45iD/U, 60iD/U, 90iD/U, 120iD/U (Indoor unit)

DCCool45oD/U, 60oD/U, 90oD/U, 120oD/U (Outdoor unit)

Introduction

DCCool90D are designed for data centers and server rooms of any size. in room air cooled smart cooling solution consisting of indoor and outdoor unit. It is flexible for expansion, matching heat load intelligently. Construct a precision management and intelligent system, building an efficient, reliable and simple data center.

Features

- EC fans in the indoor unit
- Electronic TXV (Thermostatic Expansion Valve)
- Phase monitoring relay
- G4 filter + filter sensor
- Dry contact for "General Alarm"
- High-pressure relay
- Solenoid valve and sight glass on the liquid line
- Compressor crankcase heater
- Built-in time card
- Modbus RTU protocol for system integration
- Inlet air temperature/humidity sensors
- Airflow sensor
- Shutdown via "Fire Alarm" signal
- Shut-off valves on liquid and discharge lines
- Low-pressure relay
- 7-inch touchscreen
- Outdoor unit with fan speed control
- Insulated Sound Rack



DCCool90iD



DCCool90oD

Application

- Modular data center
- High power density data center
- Small and medium scale data center
- UPS and battery room

Specification

Indoor Unit	Unit	DCCool45D/U	DCCool60D/U	DCCool90D/U	DCCool120D/U
Airflow	-	45	60	90	120
Total Cooling Capacity	kW	45	60	90	120
Sensible Cooling Capacity	kW	45	60	90	120
Air Flow Rate	m3/h	12.500	16.000	25.600	29.000
Power Supply	V/Ph/Hz	380/400/415Vac, 3Ph+N+PE, 50/60Hz			
Reheating Capacity	kW	6	6	12	12
Humidifier Capacity	kg/h	4.5	6	10	10
Dimension: W × D × H	mm	900*900*2000	1100*1000*2000	983*2165*1975	2200*1000*2000
Net Weight	kg	337	400	716	772

Note:

- Nominal condition: indoor return air 35°C/ 26%RH, outdoor 35°C.
- Heating and humidification are optional.
- DCCool45D and DCCool60D is a single system unit. DCCool90D and DCCool120D is a dual system unit.

Specification

Outdoor Unit	Unit	DCCool45D/U	DCCool60D/U	DCCool90D/U	DCCool120D/U
Power Supply	V/Ph/Hz	Power Supply From Indoor Unit			
Liquid Pipe OD	in	5/8	5/8	5/8	5/8
Gas Pipe OD	in	7/8	7/8	7/8	7/8
Dimension: W × D × H	mm	1094*1356*1107	1094*2186*1107	1100*2250*1770	2189*1356*1107
Net Weight	kg	122	200	366	265

Note:

- The pipe diameter is only for reference, it maybe change in actual project..

General Disclaimer

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