

# CLIMATECAB CABINETS

CLIMATE-CONTROLLED CABINETS



# ELITE CABINETS

## CLIMATECAB™ CABINETS

### Put a micro-data centre almost anywhere

- Cut energy costs and save by cooling only the cabinet, not the entire room
- Ideal for indoor use when you need to keep your servers outside a climate-controlled data centre
- IP52 / NEMA-12 rated with fully gasketed openings to provide protection against falling dirt; circulating dust, lint, and debris; and dripping or splashing liquids in indoor environments
- Air conditioners keep equipment cool even with ambient temperatures up to 55° C
- High-efficiency, closed-loop cooling system recirculates air
- All feature a robust fully welded 12-gauge steel frame and 14-gauge sides and key door locks



RM5030EU and RMAC2000EU-R2

## Freestanding Climate Cab Cabinets

### Hold up to 680 kilograms in harsh environments

- Air conditioners are available in 2950 to 6825 BTUs (870 to 2000 W)
- No plumbing needed. An internal evaporator eliminates condensation
- Holds up to 680 kilograms
- Feature adjustable 19" M6 rails
- Gland plates provide protected cable access
- Three-point locking handles on front and rear doors
- Casters and levelers are included for easy placement
- 1m depth accommodates most servers
- The cabinet is finished in satin black with a RAL7035 grey air conditioner outer case
- Removable side panels enable easy attachment and relocation of air conditioning unit
- Choose from 14U, 24U and 42U models

The ClimateCab IP52 / NEMA-12 Cabinet is the answer when you need to house servers or IT equipment outside the data centre, especially in harsh environments, and don't have a cooling infrastructure in place.

In smaller installations, you can save thousands and a lot of headaches by using a ClimateCab cabinet instead of installing a data centre with a cooling system and raised floors.

The digitally controlled air-conditioning unit keeps equipment cool and removes heat buildup by using closed-loop cooling. Sealed cable entries prevent air exchange with warm ambient air. Just install your equipment, plug in the AC unit, and you have a complete, self-contained, self-supporting micro data centre. No plumbing is needed as an internal evaporator eliminates condensation.

The AC unit can easily be installed on the outside of the cabinet by two people in about five minutes.

### What's included

- ClimateCab IP52 / NEMA-12 Cabinet with M6 Rails
- 2950 to 6825 BTU air-conditioning unit
- Hardware to mount the AC to the cabinet and Instructions

## Resources

### WHITE PAPERS

Cooling IT Equipment Cabinets



Download white papers:

[black-box.eu/whitepapers](http://black-box.eu/whitepapers)

### VIDEOS

Climate\_Controlled IT Enclosures



Watch Videos

[black-box.eu/videos](http://black-box.eu/videos)

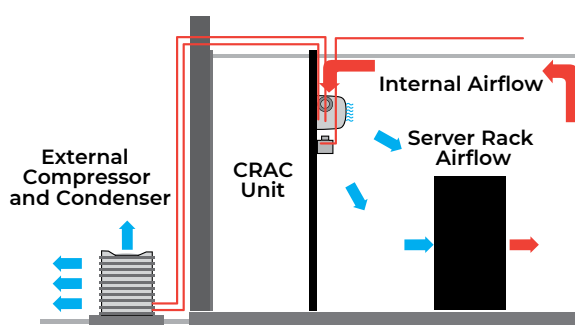


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## HOW CLIMATECAB WORKS

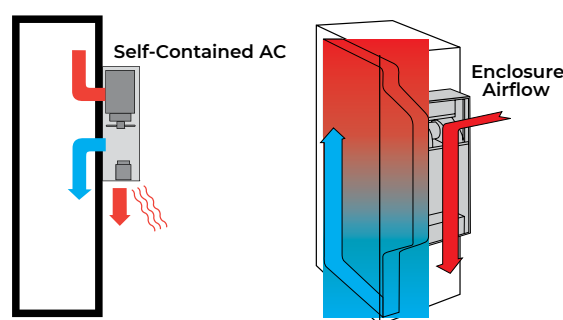
### Cooling without ClimateCab

- Compressor, air handler, and pump all require dedicated electrical circuits
- Piping and wiring installation can be disruptive
- Project can take weeks and require contractors
- Inefficient cooling wastes money



### Cooling with ClimateCab

- Put the cabinet where you want it and plug it in
- No need for piping, wiring, or a drain on freestanding models. Wallmount models require a drain
- ClimateCab is efficient, self-contained cooling that doesn't waste your money cooling an entire room



## SELECT WHAT YOU NEED IN TWO STEPS

### STEP 1 SELECT FROM AVAILABLE COMBINATIONS

Rack Units	Height* (cm)	Cabinet Width** (cm)	Cabinet + AC Width (cm)	Depth*** (cm)	Cabinet + AC Weight (kg)	Cooling Capacity	Cabinet Model / AC Unit Model
14U	87.7	68	91.1	80	159.5	2950 BTU / 870W	RM5008EU / RMAC870EU
24U	132.1	76.2	101	111.4	225	3240 BTU / 950W	RM5007EU / RMAC950EU-R2
24U	132.1	76.2	101	111.4	228	5120 BTU / 1500W	RM5007EU / RMAC1500EU-R2
42U	212.1	76.2	101	111.4	295	3240 BTU / 950W	RM5031EU / RMAC950EU-R2
42U	212.1	76.2	101	111.4	298	5120 BTU / 1500W	RM5031EU / RMAC1500EU-R2
42U	212.1	76.2	100.2	111.4	328	6825 BTU / 2000W	RM5030EU / RMAC2000EU-R2

\*Includes Casters | \*\*Does not include removable side panel handle (where handle is included) | \*\*\*Does not include front and rear handles

### STEP 2 SELECT POWER CORD

CONNECTOR TYPE	CABLE LENGTH	PART #
IEC C20	5,0 m	RMAC-C20-05M
BS1363 (UK)	5,0 m	RMAC-UK-05M
Schuko (Europe)	5,0 m	RMAC-EU-05M





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