

CLIMATECABTM 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

FREESTANDING CLIMATECAB CABINETS

Hold up to 680 kilograms in harsh environments

- Air conditioners are available in 2950 to 8530 BTUs (870 to 2500 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.



RM5030EU and RMAC2500EU

What's included

- ClimateCab IP52 / NEMA-12 Cabinet with M6 Rails
- 2950 to 8530 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

► VIDEOS

Climate-Controlled IT Enclosures

Watch videos:
black-box.eu/videos



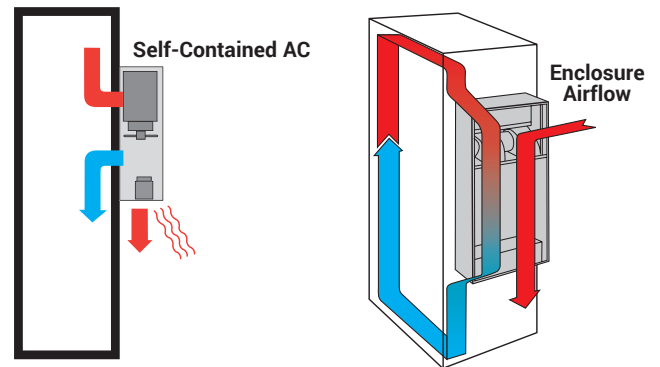
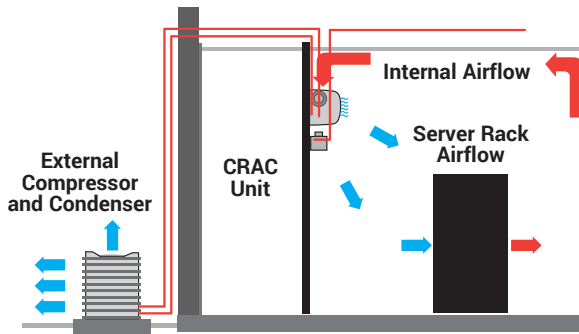
HOW CLIMATECAB WORKS

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 THREE STEPS

STEP 1 | SELECT FREESTANDING CLIMATECAB

SIZE	EXTERIOR HEIGHT	CABINET WIDTH	EXTERIOR DEPTH	PART #
14U	77,0 cm	60,0 cm	80,0 cm	RM5008EU
24U	129,5 cm	71,1 cm	106,6 cm	RM5007EU
42U	213,4 cm	71,1 cm	106,6 cm	RM5030EU

STEP 2 | SELECT AIR-CONDITIONING UNIT

USE TOGETHER WITH	COOLING CAPACITY	AC WIDTH	COMBINED WEIGHT (INCL. CABINET)	PART #
RM5008EU	2950 BTU (870 W)	23,1 cm	159,5 kg	RMAC870EU
RM5007EU	3240 BTU (950 W)	24,8 cm	225,0 kg	RMAC950EU-R2
RM5007EU	5120 BTU (1500 W)	24,8 cm	228,0 kg	RMAC1500EU-R2
RM5030EU	6825 BTU (2000 W)	24,0 cm	328,0 kg	RMAC2000EU-R2
RM5030EU	8530 BTU (2500 W)	24,0 cm	328,0 kg	RMAC2500EU

STEP 3 | 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

