



Marc Climatic Controls, Inc.

EXPLOSION-PROOF

50 HZ

Room Air Conditioners

Certified for Class I, Division 1, Groups C,D

Model RCBX23-50-C1 shown here, is typical of Marc room air conditioners certified by CSA International to U.S. and Canadian standards for use in Class I, Division 1, Groups C,D hazardous (classified) locations. CSA International is accredited as a Nationally Recognized Testing Laboratory (NRTL) by the U.S. Occupational Safety and Health Administration (OSHA).

Typical areas of installation include refining, chemical, and petrochemical facilities as well as other locations where ignitable concentrations of flammable gases or vapors may be present under normal operating conditions.

RCBX-C1 SERIES



Features:

- CSA certified assuring safety and performance.
- Spark-proof construction.
- Explosion-proof motor and compressor.
- Intrinsically safe thermostat and selector switch.
- Self-contained with integral controls reduces installation time and cost.
- 3/4" NPT conduit connection and terminals for easy power connection.
- Aluminum-finned copper tube coils provide maximum transfer.
- Fully insulated plenum chamber for quiet operation.
- Totally recirculating indoor air.
- 1" throw-away filter.

Options:

- Stainless steel cabinet.
- Corrosion coatings extend cabinet and coil life in harsh environments for reduced maintenance and increased long term cost savings.
- Tropicalization.
- Copper-finned copper tube coils.
- Steam heating coil integral to unit allows for low cost heating.
- Thermostat with Fahrenheit or Celsius scales for easy adjustment to desired room temperature.
- Thermostat with auto-changeover heat-cool feature permits unattended year round comfort (for optional steam heating).
- Low volume fresh air intake and/or exhaust.

ROOM AIR CONDITIONERS RCBX-C1 SERIES

- 50 HZ -

EXPLOSION-PROOF CLASS I, DIVISION 1, GROUPS C, D

OPERATING TEMPERATURE CODE

T3B - 329°F (165°C)

AVAILABLE T3C - 320°F (160°C)

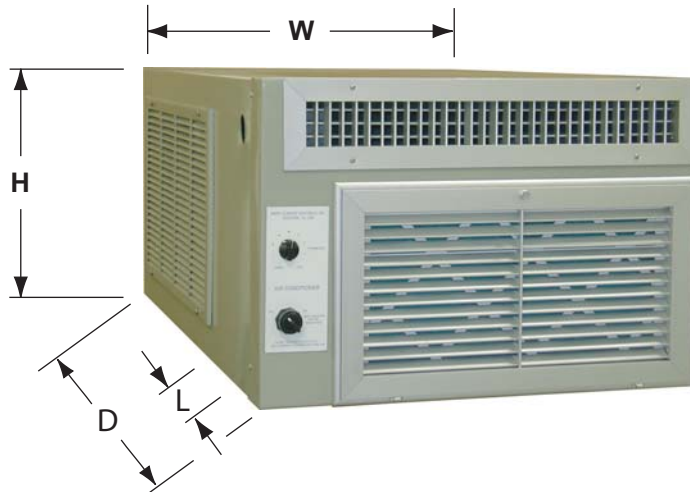
Model	BTUH Cooling	KCAL/HR	Volts Phase Hertz	Fuse Size (1)	Field Wire Size (2)	CFM Air Delivery	Cabinet Size	Shipping Weight	
								LBS	KGS
RCBX14-50-C1	14,500	3654	220-1-50	20	12	300	C	445	202
RCBX20-50-C1	20,000	5040	220-1-50	30	10	330	C	445	202
RCBX23-50-C1	23,200	5847	220-1-50	35	8	500	D	495	225
RCBX30-50-C1	29,300	7384	220-1-50	40	8	600	D	515	234

(1) Time Delay Fuse or HACR Type Circuit Breaker.

(2) 75°C Copper Wire Size.

INSTALLATION NOTES:

- Add 1/4" to height and width for wall cut-out.
- Unit has connection for 3/4" conduit on left side near top of cabinet.



IMPORTANT NOTICE:

It is essential to know the autoignition temperature of your flammable gas or vapor and verify it is ABOVE the rating of this air conditioner. For example, this air conditioner is rated T3B and may be used in an area with a T3B (329°F, 165°C), T3A (356°F, 180°C), or higher rating.

	H	W	D	* L	
C	18	26	44-1/4	6-3/4	INCHES
	458	661	1124	172	MM
D	20-1/4	28	51	10	INCHES
	515	712	1296	254	MM

* L - Maximum Wall Thickness (Cabinet can be extended for greater wall thickness).

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE 10-10-06 (Supersedes 6-19-05)



Marc Climatic Controls, Inc.

P. O. Box 218309 • Houston, Texas 77218 USA

Phone (713) 464-8587 • Fax (713) 468-8810

www.marclimatic.com • e-mail: sales@marclimatic.com

COPYRIGHT © 2006 Marc Climatic Controls, Inc. All Rights Reserved

