



Marc Climatic Controls, Inc.

EXPLOSION-PROOF

60 HZ

Room Heat Pumps

Class I, Division 1, Groups C,D

RHBX-C1 SERIES

Model RHBX24-C1 shown here, is typical of Marc room heat pumps for use in Class I, Division 1, Groups C, D hazardous (classified) locations. 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.



Features:

- 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.
- 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.
- Low volume fresh air intake and/or exhaust.

ROOM HEAT PUMPS RHBX-C1 SERIES

- 60 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		Volts Phase Hertz	Amps Cool	Fuse Size (1)	Field Wire Size (2)	CFM Air Delivery	Cabinet Size	Net Weight (lbs)
	Cool	Heat (3)							
RHBX09-11-C1	9200	7400	115-1-60	15.6	25	10	300	B	415
RHBX12-21-C1	12700	11000	230/208-1-60	10.1/9.9	20	12	325	B	420
RHBX18-21-C1	18000	16800	230/208-1-60	15.5/15.4	25	10	400	C	470
RHBX24-21-C1	24000	22000	230/208-1-60	16.5/15.4	25	10	600	D	505

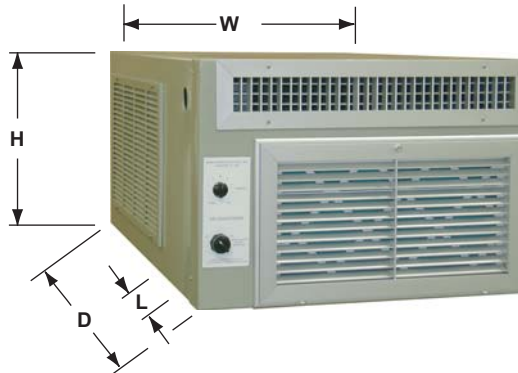
(1) Time Delay Fuse or HACR Type Circuit Breaker.

(2) 75°C Copper Wire Size.

(3) Heat Pump Rating at 47°F Ambient.

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 or heat pump. For example, this air conditioner or heat pump 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.



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.

	H	W	D	* L
B	16"	26"	44-1/2"	6-3/4"
C	18"	26"	44-1/2"	6-3/4"
D	20-1/4"	28"	51"	10"

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

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

10-20-06 (Supersedes 6-19-06)



Marc Climatic Controls, Inc.

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

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

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

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