

# **EXPLOSION-PROOF** **60 HZ** **Room Air Conditioners**

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

Model EXBCR 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.

## **EXBCR 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

## BCRX-C1 SERIES

**- 60 HZ -**

# EXPLOSION-PROOF

## CLASS I, DIVISION 1, GROUPS C, D

OPERATING TEMPERATURE CODE

T3B - 329°F (165°C)

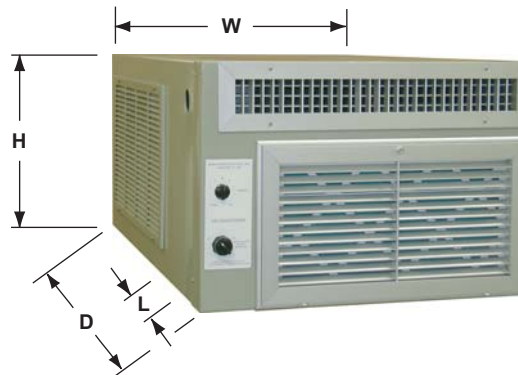
Model	BTUH Cooling	Volts Phase Hertz	Amps	Fuse Size (1)	Field Wire Size (2)	CFM Air Delivery	Cabinet Size	Net Weight (lbs)
BCRX08-11-C1	8400	115-1-60	15.6	25	10	265	B	390
BCRX10-11-C1	10400	115-1-60	17.1	25	10	260	B	400
BCRX12-11-C1	11800	115-1-60	21.3	30	10	350	B	400
BCRX12-21-C1	12100/11900	230/208-1-60	10.7/10.5	20	12	320	B	400
BCRX14-11-C1	14000	115-1-60	22.0	35	8	375	B	410
BCRX16-21-C1	16200/15900	230/208-1-60	11.8/11.6	20	12	360	B	400
BCRX18-21-C1	17500/17300	230/208-1-60	14.0/13.5	20	12	375	C	445
BCRX20-21-C1	20600/20200	230/208-1-60	16.3/16.2	25	10	425	C	445
BCRX24-21-C1	23500/23000	230/208-1-60	16.8/16.5	30	10	400	C	445
BCRX28-21-C1	28000/27700	230/208-1-60	19.9/19.8	35	8	600	D	495
BCRX36-21-C1	36000/35700	230/208-1-60	23.1/22.8	40	8	725	D	515

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

(2) 75°C Copper Wire Size.

### 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

9-8-06 (Supersedes 11-28-05)