

CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or materials has been found acceptable for use in accordance with the Report of Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner
MEA 67-03-E
Report of Material and Equipment Acceptance Division

Manufacturer – I.C.E. Manufacturing Ltd., 51 Aikins Street, Winnipeg MB, Canada R2W 4E3.

Trade Name – Keeprite, ICG.

Product – Gas fired unit heaters/duct furnaces.

Pertinent Code Sections – 27-800, 27-826, RS 14-2 (ANSI Z223.1).

Prescribed Test – RS 14-6 (Z83.8-1990).

Laboratory – CSA International.

Test Report – Report No. 1103860 dated October 31, 2003.

Description – Gas fired unit heaters, designed for commercial and industrial spaces as tabulated below. Units consist of burner, direct spark ignition system comprising igniter, flame sensor, flame safeguard and combination gas pressure regulator, and high temperature limit control. Units, with model numbers and input and output heating ratings, are listed below:

MODELS COVERED

AMERICAN

A. GAS UNIT HEATERS FOR OUTDOOR INSTALLATION Ø

NO. OF MODEL NUMBER (BTUH)	STATIC	<u>SECTION</u>	INPUT (IN.W.C.)	OUTPUT (BTUH)
<u>For Use With Natural Gas</u>				
<u>Equipped with and Electric Ignition System</u>				
(MPB,RB)-11-100-(Q)(F,G)(X) 5	0.2 to 5.25		100,000	79,000
(MPB,RB)-11-160-(Q)(F,G)(X) 8	0.2 to 5.25		160,000	126,400
(MPB,RB)-11-200-(Q)(F,G)(X) 10	0.2 to 5.25		200,000	158,000
(MPB,RB)-11-260-(Q)(F,G)(X) 13	0.2 to 5.25		260,000	205,400
(MPB,RB)-11-300-(Q)(F,G)(X) 15	0.2 to 5.25		300,000	237,000
(MPB,RB)-11-360-(Q)(F,G)(X) 18	0.2 to 5.25		360,000	284,400
(MPB,RB)-11-400-(Q)(F,G)(X) 20	0.2 to 5.25		400,000	316,000

Trade Name: KEEPRITE, ICG, EN MAR**

The following models are comprised of two (2) or more of the above models:

MODEL NUMBER

RATING (INPUT & OUTPUT)

(MPB,RB)-12-(200,320,400,520,600,720,800)(Q)	As Listed for (MPB,RB)-11-(100,160,200,260,300,360,400)(Q) X 2
(MPB,RB)-21-(520,600,720,800)(Q)	As Listed for (MPB,RB)-11-(260,300,360,400)(Q) X 2
(MPB,RB)-13-(900,1080,1200)(Q)	As Listed for (MPB,RB)-11-(300,360,400)(Q) X 3
(MPB,RB)-22-(1040,1200,1440,1600)(Q)	As Listed for (MPB,RB)-11-(260,300,360,400)(Q) X 4
(MPB<RF)-23-(1800,2160,2400)(Q)	As Listed for (MPB,RB)-11-(300,360,400)(Q) X 6

All models may have suffix M or R indicating minimum input ratings of 33% (for models with suffix G), and 50% (for models with suffix F) and suffix S indicating min. ratings of 60% of the Normal ALTITUDE rating of:

- One (1) single unit models for 11,12 and 13 Series
- Two (2) single unit models for 21,22 and 23 Series

All models are certified for installation downstream from refrigeration systems.

Ø Models with suffix X are for operation down to -60°F; all other models are for operation down to -40°F.

Note: 1. Unit may be installed on combustible flooring. Minimum installed clearances from combustible construction shall be as follows: top-6 inches; flue-6 inches; back-6 inches; sides-12 inches.

Recommendation - That the above described air heater be accepted for operation on natural gas only, under the following conditions:

1. Heaters shall not be operated until installation is approved for such operation by the Gas Company.
2. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.
3. All shipments and deliveries of such materials shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to those tested and acceptable for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance March 128/03

Examined by S Deshpande