

Design Specification Sheet

FRMIB12 Metal Fire Resistant Ice Box Using Plastic Piping

IPS
CORPORATION

IPS Corporation
500 Distribution Parkway
Collierville, TN 38017
(901) 853-5001

Ratings: ASTM-E814 - 1 Hour (F), 1 Hour (T)
CAN/ULC - S115 1 Hour (F/FH), 1Hour (FT/FTH)
ASTM-E814 - 2 Hour (F), 90 Min (T)
CAN/ULC - S115 2 Hour (F/FH), 90 Min (FT/FTH)
Firestop Device, Design No. IPS/PV 120-01

Models 82608 to 82628



1. Wall Construction

- Wood Or Steel Stud
- 1 Hour firewall construction consisting of each stud face being finished with 5/8 gypsum
- 2 Hour firewall construction consisting of each stud face being finished with 2 layers of 5/8 gypsum

2. Box Mounting

- Box should be fastened to stud with screws or nails
- Boxes in opposing walls are to be in separate stud cavities

3. Piping Options

- Supply tubing may be either metallic or plastic

4. Valve Options

- Individual Shutoffs with or without hammer arresters

5. Intumescent Pad

- The IPS FR12M Series Metal Ice Box is manufactured from heavy duty steel with a white powder coat finish. It has 2 factory installed intumescent pads.
- Excessive gaps between the box and the gypsum may be filled up to 1/2" with dry wall plaster. Gaps over 1/2" must be sealed with silicone firestop sealant applied to the depth of the gypsum.

