

# Design Specification Sheet

## FRM12 Metal Fire Resistant Washer Box Using Metal Piping

**IPS**<sup>®</sup>  
**CORPORATION**

202 Industrial Park Lane  
Collierville, TN 38017  
(901) 853-5001

Ratings: ASTM-E814 - 1 Hour (F), 45 Min (T)  
CAN/ULC - S115 1 Hour (F/FH), 1 Hour (FT/FTH)  
ASTM-E814 - 2 Hour (F), 72 Min (T)  
CAN/ULC- S115 2 Hour (F/FH), 2 Hour (FT/FTH)  
Firestop Device, Design No. IPS/PV 120-02

### Models 82567 to 82599



#### 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 securely fastened to stud with screws or nails
- Box units cannot be installed back to back within the same wall cavity.

#### 3. Piping Options

- Drains may be nominal 2" or larger PVC, ABS or metallic pipe
- Supply tubing may be either metallic or plastic
- All plumbing within the wall must be secured

#### 4. Valve Options

- Single Lever with or without hammer arresters
- Quarter turn valves with or without hammer arresters

#### 5. Intumescent Pad

- The IPS FR12M Series Metal Washer Box is manufactured from heavy duty steel with a white powder coated finish. It has 2 factory installed intumescent pads (do not remove).
- Gaps between the box and the gypsum may be filled up to 1/2" with dry wall plaster.

