

# Design Specification Sheet

## FRM12 Metal Fire Resistant Washer Box Using Metal Piping

**IPS**  
CORPORATION

IPS Corporation  
500 Distribution Parkway  
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Ratings: ASTM-E814 - 1 Hour (F), 45 Min (T)  
CAN/ULC - S115 1 Hour (F/FH), 45 Min (FT/FTH)  
ASTM-E814 - 2 Hour (F), 2 Hour (T)  
CAN/ULC - S115 2 Hour (F/FH), 2 Hour (FT/FTH)  
Firestop Device, Design No. IPS/PV 120-01

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

### 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
- Individual Shutoffs 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.
- 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

