

**Reliance Worldwide Corporation Limited
Design No. RWC/PF 120-02
Penetration Firestopping
Holdrite Washing Machine Outlet Box
ASTM E814 and CAN/ULC-S115**

Table 1. Ratings

Water Line	ASTM E814 Ratings	CAN/ULC-S115 Ratings
CPVC or PEX	F-Rating: 120 Minutes T-Rating: 88 Minutes	F-Rating, FH-Rating: 120 Minutes FT-Rating, FTH Rating: 88 Minutes
Copper	F-Rating: 120 Minutes T-Rating: 90 Minutes	F-Rating, FH-Rating: 120 Minutes FT-Rating, FTH Rating: 90 Minutes

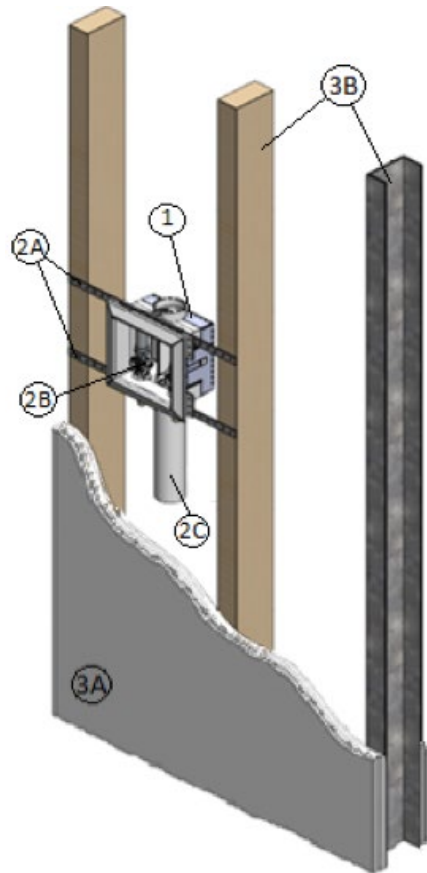


Figure 1. HR-WR Washing Machine Outlet Box in 2-Hr Fire Rated Walls



1. COMPONENT NAME: Washing Machine Outlet Box

CERTIFIED PRODUCT: Reliance Worldwide Corporation Limited, Holdrite Washing Machine Outlet Box

CERTIFIED SERIES: HR-WR Product Family

Holdrite Washing Machine Outlet Boxes may be installed on each side of the supporting wall assembly (Item 3) when installed in separate wall cavities. The boxes shall not be installed in the same cavity back-to-back. A maximum of one box may be installed in a single cavity on the support bracket. The outer edge of box must be min. 2-1/2-in. away from the nearest stud.

2. ADDITIONAL COMPONENTS:

- A. **BRACKETS:** Box to be mounted using either HoldRite 170 brackets and/or HYCO bars. Refer to manufacturer's instructions for installation.

- B. **BRASS VALVES:** Brass valves with or without water hammer arrestor and nominal 1/2 in. PEX, CPVC, or copper inlets.

- C. **DRAINPIPE:** Nominal 2-in. DWV, PVC or ABS drainage pipe. Use PVC solvent cement for PVC drainpipe, ABS solvent cement for ABS drainpipe, or solvent weld DWV pipe to drain opening.

3. WALL ASSEMBLY: Use a 2-hour fire-rated wall assembly with the following minimum construction requirements.

- A. **FRAMING:** Nominal 2 x 4 wood studs or min. 26 GA steel studs located at max. 24 in. on center (OC).
- B. **GYPSON SHEATHING:** Two layers of min. 5/8 in. thick, Type X gypsum, compliant with ASTM C1396, on each face. The perimeter of the box must have dry joint compound to fill any voids prior to face plate application of the box.

Consult the listing report on the Directory of Building Products (<https://bpdirectory.intertek.com>) for the edition of the standard(s) evaluated.

Compliance of the assembly described in this Design Listing with the referenced standard relies on verification that the assembly constructed in the field is consistent with that described herein. Intertek certified products may be verified by the approved Intertek label; other products must be verified by the Authority Having Jurisdiction as meeting the specifications stated herein.