INSTALLATION INSTRUCTIONS: FX—FIRE RATED VALVE & HOSE CABINETS

1. With metal or wood studding, install a framed opening at specified location. Wall opening width, height and depth must correspond with dimensions indicated in catalog or detail and submittal sheet.

2. Frame in above, below and at both sides of cabinet opening. **NOTE:** On load bearing walls, the studs must be doubled on either side of the cabinet tub. If a stud must be cut to install the cabinet, a load bearing header must be installed above the cabinet tub.

3. Drill 3/16" (0.5 cm) hole at least every 12" (30.48 cm) on each side of cabinet through the double tub construction for mounting into wall opening.

4. Place cabinet in position and mark location of attachments on studding using 3/16" (0.5 cm) holes as marking guides.

5. Remove cabinet and drill 5/32" (0.4 cm) holes through studs at marked points; six attachment holes for 2000 series cabinets and smaller, eight attachment holes for larger cabinets.

6. At this time also drill the knockout(s) with a circular-cutting hole saw.
   **NOTE:** The following conditions must be adhered to when installing fire-rated hose and/or valve cabinets.
   The pipe used must be iron or steel. The tolerance between the pipe and the knockout must be 1/16" (0.16 cm) or less at every point along the knockout. For example, the knockout for 1-1/2" (3.8 cm) pipe must not be larger than 1-5/8" (4.1 cm) in diameter, and the pipe; must be centered within the knockout. When the pipe is installed, the installer must provide one-part firestopping Sealant (FSS2 provided in field) for through penetrations in fire-resistance rated wall and cabinet assemblies.

7. Place cabinet in position and attach with Universal # 10 x 2-1/2" (6.4 cm) self-drilling screws.

8. Check cabinet door assembly for freedom of movement. If it binds, shim as necessary to remove any racking of tub at attachments of studding.

**NOTE:** The installation of any fire-rated cabinet which lacks a cabinet door, or any condition in which the door is left ajar, will void the fire rating.

**Fire-Rating:** The recessed and semi-recessed Fire-FX™ cabinets are fabricated in accordance with the Warnock Hersey label for one and two hour combustible and non-combustible wall system building codes. The fire testing has met the requirement of the UBC standard 43-6 and ASTM-E814-S3 for membrane and penetration firestops. Installation instructions must be strictly adhered to in order to obtain the fire rating.

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Note: JL Fire-Rated Valve & Hose Cabinets are Not Provided with Knockouts. Knockouts are to be installed using the above instructions.

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