

BALL VALVE ACCESS BOX MIP TERMINATION CONNECTION

687 SERIES

ServiceBox™

SPECIFICATION

Sioux Chief 687 Series valve termination access box shall be used where accessible, valved water service is required for appliances or other fixtures. Ball valve shall be replaceable, 600 WOG, with forward-facing, MIP connection port and quarter-turn operation. Valve shall incorporate a union-style connection with brass elbow and tailpiece. Elbow and tailpiece connections shall comply with ASTM standards.

INSTALLATION

See www.siouxchief.com for full installation instructions. Install in a location that allows for operation, service, maintenance, etc. Make all connections per ASTM standards with compliant materials and processes. Test with water and inspect all connections for leaks before use.

MATERIALS

Valve body: No-lead brass²

Tailpiece/Elbow: No-lead brass¹

Valve handle: Anodized aluminum

Union gaskets: EPDM

MainBlock tube anchors: ABS

Access box: Fire-rated ABS

CERTIFICATIONS/APPROVALS

- ☞ Tested/Certified/Approved for use in fire-rated applications – See back for ratings
IAPMO Listed, Complies with ANSI/NSF 372, Meets ASME A112.18.1 and ASME A112.4.14
- End connections are manufactured to specifications called out in their respective ASTM standards.
 - Standards for Fittings and tube options include: CPVC D2846, PEX tube F876/F877, PEX fittings ASTM F1807 & F1960, PERT tube ASTM 2769, PE tube ASTM D2737, PVC pipe ASTM D1785, CTS push fittings (ASSE 1061) compatible with CTS tube, IPS push fittings compatible with IPS pipe

VALVE MAX PRESSURE

600 psig WOG

DIMENSIONS

A: Overall height	CPVC Socket	MSWT/Press/Push	Push (CTS)	PEX F1960	PEX F1807
3/4" Nom	7-1/4"	7-5/8"	7-3/8"	7-3/4"	7-5/8"



Create Item Number

687-A

e.g. **687-3QV:** Valve termination access box with 600 WOG full-port ball valve with MIP outlet - 3/4" CTS Push connection

CONNECTION SIZE/TYPE A

3CV = 3/4" CPVC socket

3PV = 3/4" MSWT/Press/Push

3QV = 3/4" Push socket

3WV = 3/4" PEX F1960 Expansion

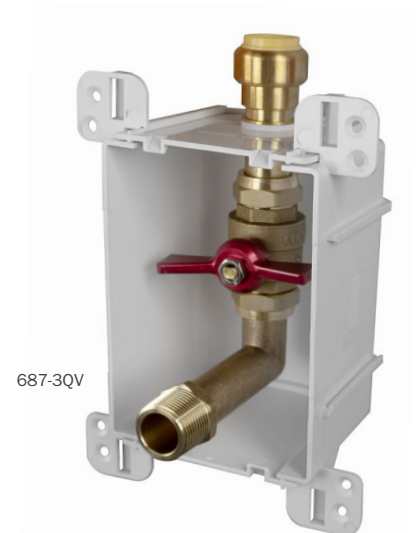
3XV = 3/4" PEX F1807 Crimp

Accessories - Available Separately:

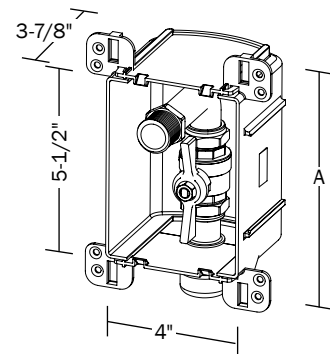
687-1F: Finish frame - fits all ServiceBox access boxes
696-EX: Frame extension - for multiple layers of drywall

- 1 Tailpiece material is C693 on PEX F1807/F1960, and MSWT models, and is otherwise C46500. Materials are dezincification and SCC resistant, and compliant with NSF-61 Annex G (California No Lead Plumbing Law)
- 2 Valve material is C69300. Dezincification and SCC resistant, and compliant with NSF-61 Annex G (California No Lead Plumbing Law)

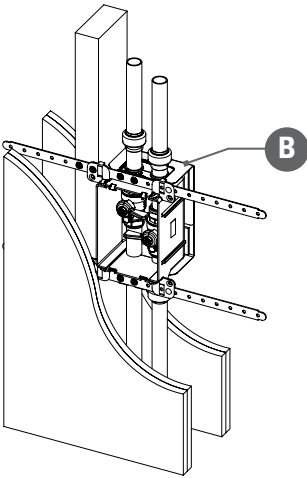
ITEM # SUBMITTED	_____
JOB NAME	_____
LOCATION	_____
ENGINEER	_____
CONTRACTOR	_____
PO#	_____ TAG _____



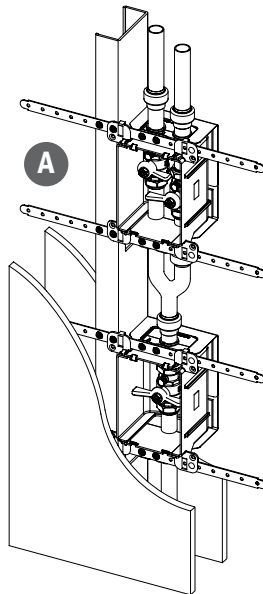
687-3QV



1 Box



2 Boxes Stacked



ASTM E814

1 Hr Walls:

F: 60 min

T: 34.5 min

H: ✓

2 Hr Walls:

F: 120 min

T: 58.5 min

H: ✓

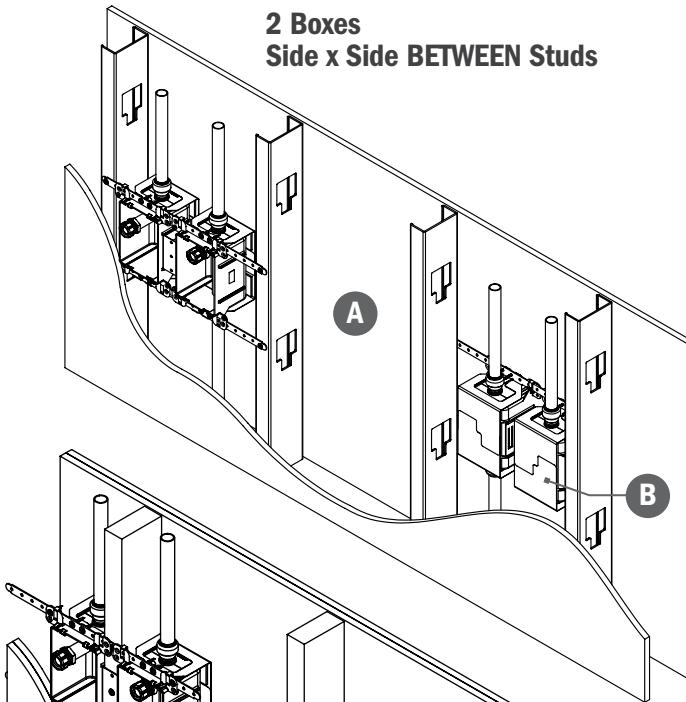
1 Hr = 1 layer 5/8" each face | 2 Hr = 2 layers 5/8" each face

Wood or Steel Studs | No back-to-back installations

A NO penetrations in adjacent stud cavity

B Interlocked metal fire-shield with intumescent pad must be installed on all boxes in fire-rated walls

2 Boxes Side x Side BETWEEN Studs



ASTM E814

1 Hr Walls:

F: 60 min

T: 27.5 min

H: ✓

2 Hr Walls:

F: 120 min

T: 60 min

H: ✓

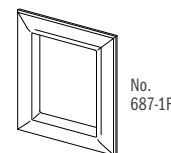
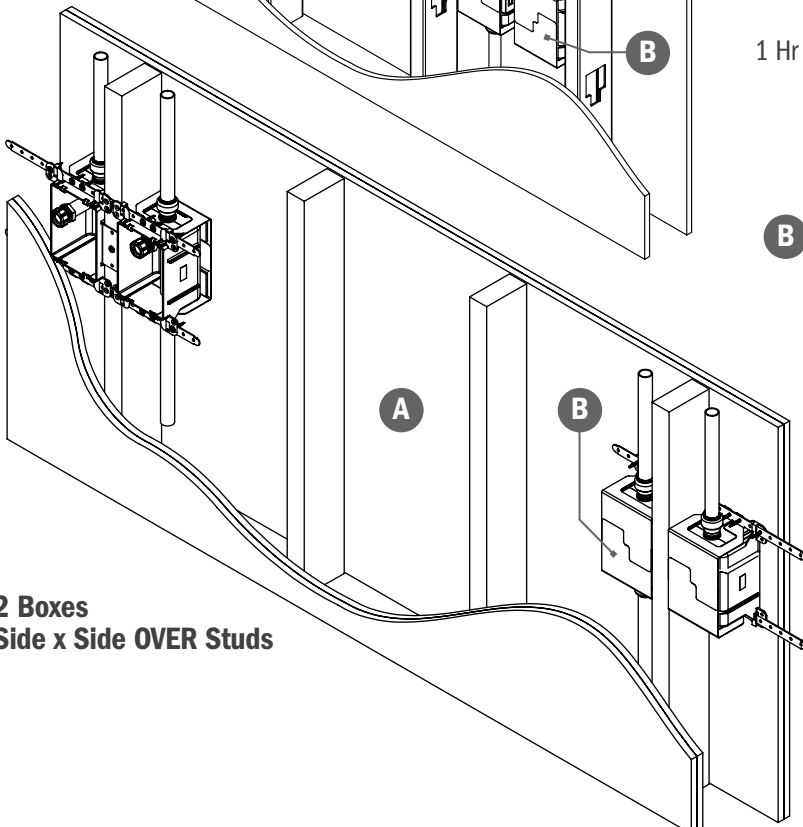
1 Hr = 1 layer 5/8" each face | 2 Hr = 2 layers 5/8" each face

Wood or Steel Studs | No back-to-back installations

A NO penetrations in adjacent stud cavity

B Interlocked metal fire-shield with intumescent pad must be installed on all boxes in fire-rated walls

2 Boxes Side x Side OVER Studs



Frames sold separately

