

FIRE-RATED DUAL-VALVE ACCESS PANEL

698R SERIES

OmniPanel™

SPECIFICATION

Sioux Chief 698R Series OmniPanel™ Fire-Rated Dual-Valve Access Panel shall be used where necessary in plumbing systems for accessible mounting of water supply and drainage penetration. Panel shall be supplied with ¼-turn supply valves, having ⅜" compression or ¾" male hose connections. Arrester variations can be installed with arresters at any angle. Corrosion-proof access plate shall include a flexible, elastomer opening to provide a sealing penetration for DWV pipe or fitting hub. Panel allows for debris cover to snap in for protection during rough-in. Valves shall be replaceable with any common ⅝" compression valve. Outlet connections shall be provided with a tamper-resistant test cap. Valves shall be plated.

MATERIALS

Valve: No-lead brass¹

Valve shank: No-lead brass¹/copper/PPSU/CPVC, 304SS grip ring

Panel: FR-GFPP with fire-rated elastomer

Frame²: FR-ABS

Frame extension²: FR-ABS

Hole insert strips: FR-ABS

Bracket: Galvanized steel (when included)

Debris cover: Polyethylene

Arrester Body: Stainless Steel, C69300 No-lead brass¹

Arrester Piston: GFPP with EPDM o-rings

INSTALLATION

Recommended that valves are set below elastomer to allow finish hose flex and connection in all wall thicknesses.

VALVE/ARRESTER WORKING LIMITS

Max working temp: 200 °F

Max air/water testing & working pressure: 150 PSIG

DIMENSIONS

A: Panel width	7½"
B: Panel height	6½"
C: Supply spacing C/L	4"
D: Panel to valve outlet	1⅝"
E: Panel to valve supply	1⅝"
F: Frame ² width	7¼"
G: Frame ² height	8¼"

CERTIFICATIONS/APPROVALS

NSF-372 compliant, IAPMO listed

Valves meet ASME A112.18.1

Arresters* ASSE 1010 certified

Listed by Intertek to meet:

ASTM E-814:

2hrs (F), 1hr 55mins (T) for 2-hour design

CAN/ULC S115

2hrs (FH), 1hr 55mins (FTH) for 2-hour design

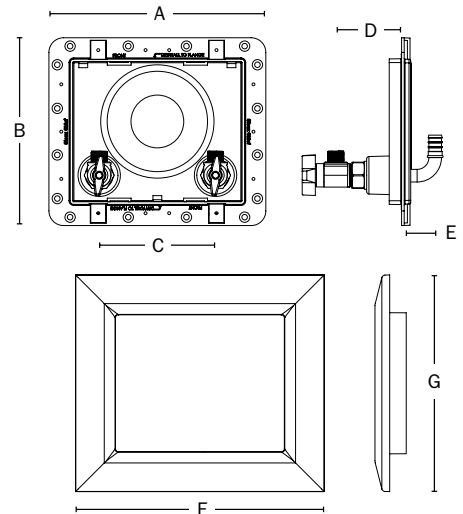
Control No: 5006619

Design No: SC/PF120

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



698RA11-XR



Create Item Number

698R A B C

e.g. **698RA11-XR:** Supply access panel with two ⅜" valves, F1807 PEX connection, debris cover and color clips included

VALVE OUTLET CONNECTIONS **A**

A11 = ⅜" Comp. thread - angle

A33 = ¾" Male hose - angle

ARRESTERS **B**

– = No arresters

A = With arresters*

SUPPLY INLET CONNECTION **C**

CR = ½" CPVC socket

MR = ½" MIP/F.SWT

PR = ½" M.SWT/press/push

VR = ½" PEX F3347 press sleeve³

WR = ½" PEX F1960 Grip™

XR = ½" PEX F1807 Crimp™

Available separately:

Fire-Rated Finish Kit: Item No. 698RF

Includes frame, hole-insert strips, and frame extension

1 C69300 material is DZR and SCC resistant, compliant with NSF-61 & 372, and compliant with California No Lead Plumbing Law

2 Fire-Rated finish kit (698RF) available separately

3 Available in 3/8" valve outlet only

FIRE-RATED OMNIPANEL DUAL-VALVE ACCESS PANEL

DESIGN SPECIFICATION

1. WALL CONSTRUCTION

- Wood or metal stud construction
- 16" or 24" on-center stud construction.
- Double-layer $\frac{5}{8}$ " gypsum construction with 2-hour fire rating.
- Panels cannot be installed back to back.

Fire-Rated finish kit includes:

Frame, hole-insert strips (2), and frame extension. Available separately.

2. PIPE/PANEL SUPPORT

- Each panel shall be installed in a separate stud bay and attached to the stud via brackets (fig 2). Fire rating does not apply to installations of two or more panels in the same stud bay.
- Supplied brackets.
- Supply lines to be installed using ordinary methods.
- Drain line to be supported using ordinary methods.

3. PIPE MATERIAL

- 1-1/2" or larger metallic, PVC, or ABS DWV pipe.
- Metallic or plastic water supply pipe.

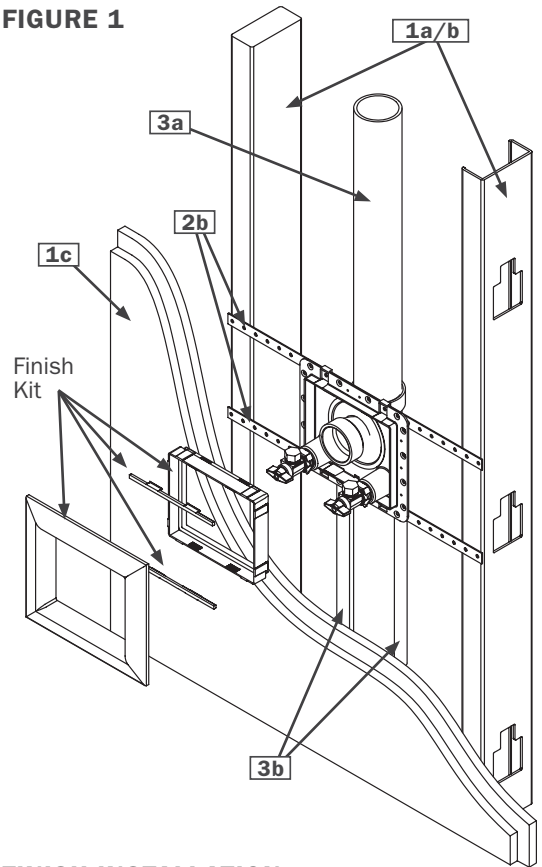
4. FIRE-RATED RESINS

Sioux Chief fire-rated OmniPanel uses fire-rated resin.

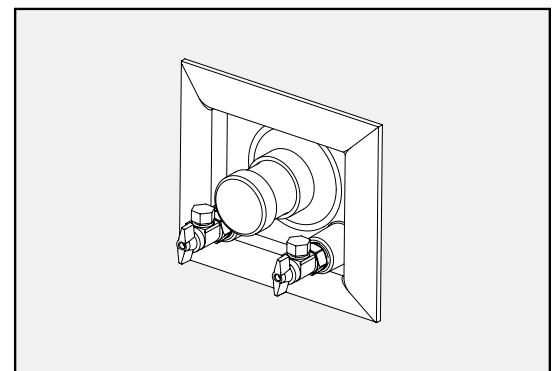
NOTE: Gaps up to $\frac{1}{2}$ " around panel can be sealed with drywall plaster.

Larger gaps require firestop sealant applied to opening spanning entire drywall depth

FIGURE 1



FINISH INSTALLATION



THE FIRE-RATED OMNIPANEL IS CERTIFIED BY INTERTEK
TO THE FOLLOWING FIRE RATING STANDARDS:



Intertek

Control No. 5006619
ASTM E814 • SC/PF 120
bpdirectory.intertek.com

ASTM E-814

2hrs (F), 1hr 55mins (T) for 2-hour design

CAN/ULC S115

2hrs (FH), 1hr 55mins (FTH) for 2-hour design