

FIRE-RATED ICE MAKER OUTLET BOX

696R series

Ox Box™

Item # Submitted	_____
Job Name	_____
Location	_____
Engineer	_____
Contractor	_____
PO#	_____ TAG _____

SPECIFICATION

Sioux Chief 696R series Ox Box fire-rated ice maker outlet box shall be used where necessary in plumbing supply systems. Box shall allow for mounting with supply line from top or bottom, mounted on-stud. Unit shall be available with plain valve or valve and water hammer arrester. Arrester shall be certified to ASSE 1010 and shall be UPC listed. Metal support bracket shall install into top track of box for added support. Outlet connection shall be generally 1/4".

MATERIALS

- outlet box: ABS
- frame: fire-rated ABS
- frame extension*: fire-rated ABS
- bracket: galvanized steel
- arrester body: Type L copper
- arrester piston: polypropylene with two EPDM o-rings
- piston lubrication: Dow-Corning, 111 FDA approved silicone compound
- valve body: chrome-plated forged brass
- fire guard: intumescent material

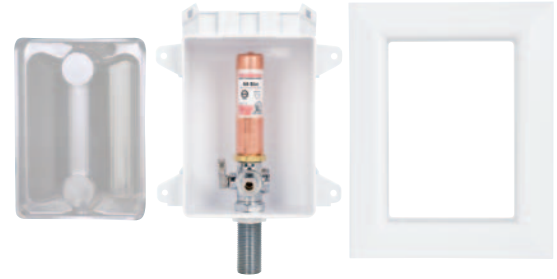
* 696-EX available separately. Used with two layers of drywall for 2-hour specifications.

VALVE/ARRESTER WORKING LIMITS

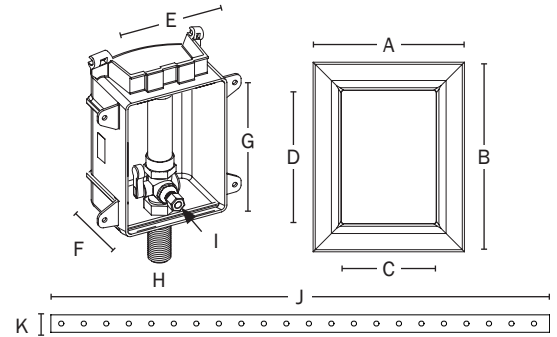
- max working temperature: 250°F
- max testing air pressure: 100 PSIG
- max working/testing pressure: 250 PSIG

DIMENSIONS

- | | |
|-------------------------------|------------------------------|
| A: frame width | 5 3/4" |
| B: frame height | 7 1/4" |
| C: frame opening width | 3 5/8" |
| D: frame opening height | 5 1/8" |
| E: rough-in box inner width | 4" |
| F: rough-in box overall depth | 3 1/2" |
| G: rough-in box inner height | 5 1/2" |
| H: supply connection | 1/2" nominal (see 'C' below) |
| I: outlet connection | 1/4" compression |
| J: bracket length | 18" |
| K: bracket width | 5/8" |
| bracket thickness | 16 gauge |



696R1010MF



CERTIFICATIONS/APPROVALS

Listed by UPC/IAPMO to meet UPC
Conforms to IPC

Listed by Warnock Hersey to meet:

ASTM E-814, CAN/ULC S115

2 hours (F), 1 1/2 hours (T) for 2-hour design

1 hour (F), 31 minutes (T) for 1-hour design

ASTM E-119, UL 1479

System design number:

SC/WA120, W/N 14409

Valves meet ASME A112.18.1

SCM items available with no-lead valves

are compliant with NSF-61 Annex G and

California No Lead Plumbing Law



Create Item Number

696 A 10 B 0 C F

e.g. 696R1010MF = fire-rated ice maker box, female sweat valve with arrester, packaged with frame

- A VALVES**
- R Plain valve
 - RG No-lead valves¹

- B ARRESTER**
- 0 No arrester
 - 1 With arrester

- C SUPPLY CONNECTION**
- M 1/2" female sweat
 - C 1/2" male CPVC
 - X 1/2" PEX crimp F1807
 - W 1/2" PEX cold expansion F1960
 - V 1/2" Viega PureFlow® PEX
 - A 1/2" PEX cold expansion F2080

- ACCESSORIES**
- 696-EX frame extension

¹ Compliant with NSF-61 Annex G and California No Lead Plumbing Law