

# WATER HEATER CROSS ADAPTERS

## 687 SERIES

### SPECIFICATION

Sioux Chief 687 series water heater cross adapters shall be used where necessary to provide convenient connection access for expansion tanks, valves and other accessories in hot and cold water distribution systems. FIP swivel connections shall include EPDM sealing gaskets, and capped outlets shall include EPDM sealing washers. All connection options shall conform to appropriate standards, including ASTM thread specifications.

### MATERIALS

Brass<sup>1</sup> cross body/caps, EPDM gaskets

### INSTALLATION NOTES

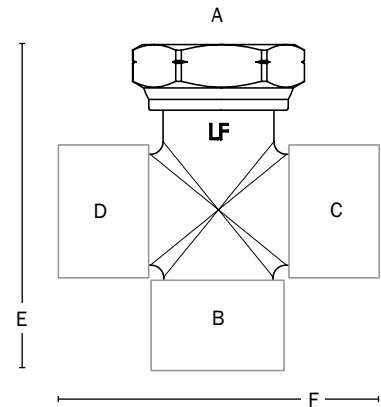
Do Not use pipe dope or thread tape on FIP swivel connections. Always follow local plumbing/building codes.

### DIMENSIONS

	687-3SFMH	687-3SMFH	687-3SMMH
<b>A:</b> Connection 1	3/4" FIP swivel	3/4" FIP swivel	3/4" FIP swivel
<b>B:</b> Connection 2	3/4" FIP	3/4" MIP	3/4" MIP
<b>C:</b> Connection 3	3/4" MHT (cap)	3/4" FIP	3/4" MIP (cap)
<b>D:</b> Connection 4	3/4" MIP	3/4" MHT (cap)	3/4" MHT (cap)
<b>E:</b> Overall height	2.52"	2.52"	2.52"
<b>F:</b> Overall width	2.52"	2.52"	2.52"

<sup>1</sup> Material is C46500. Brass is dezincification and SCC resistant, and is compliant with NSF-61 Annex G and California No Lead Plumbing Law

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



### Item Number

## 687-A

e.g. **687-3SFMH:** Brass cross adapter - 3/4" FIP Swivel x 3/4" FIP x 3/4" MIP x 3/4" MHT (cap)

### CONNECTION TYPE A

- 3SFMH** = 3/4" FIP Swivel x 3/4" FIP x 3/4" MIP x 3/4" MHT (cap)
- 3SMFH** = 3/4" FIP Swivel x 3/4" MIP x 3/4" FIP x 3/4" MHT (cap)
- 3SMMH** = 3/4" FIP Swivel x 3/4" MIP x 3/4" MIP (cap) x 3/4" MHT (cap)
- 3SMKIT** = Cross Adapter Kit - Includes: 648-3SM, 687-3SMFH, 687-3SMMH

### Other Water Heater Accessories - Available Separately:

- 648-3SM: 600 WOG Brass Ball Valve: 3/4" FIP Swivel x 3/4" MIP
- 648-3SW: 600 WOG Brass Ball Valve: 3/4" FIP Swivel x 3/4" F1960 PEX
- 648-3SX: 600 WOG Brass Ball Valve: 3/4" FIP Swivel x 3/4" F1807 PEX