

WATER HEATER CONNECTOR

»» 633 SERIES

SPECIFICATION

Sioux Chief 633 Series water heater connectors shall be used in plumbing systems for safe distribution of hot or cold water. Valves shall be full-port design and 1/4-Turn operation with No-Lead compliant brass bodies and plated brass ball. Connectors shall include brass FIP thread branch outlet for convenient connection of expansion tank. Connectors shall conform to appropriate standards including ASTM fitting end specifications.

MATERIALS

Valve Body: C69300 Brass¹

Valve Seats: PTFE

CPVC Socket: CPVC FGG/BM/CZ system compatible

Tube: 3/4" Nom. Type L copper tube

FIP Thread Tee: HSI 76-3 Brass¹

Swivel Nut: C360 brass with NBR gasket

MAXIMUM TEMPERATURE

180°F

VALVE WORKING PRESSURE

600 WOG/PSI

Note: PEX and CPVC connection specifications are limited to those called out in their respective ASTM standards for pipe and fittings.

INSTALLATION NOTES

Do Not use pipe dope on FIP swivel threads. Do not expose the connector to heat in excess of 180°F. Do not install damaged connectors. Do not alter connectors. Do not solder or braze in close proximity to connector unless it is protected with a heat-blocker to protect/keep the connector under 180°F. Keep connectors free from hazardous chemicals or chemical vapors.

DIMENSIONS

Inlet connection	3/4" FIP swivel
Valve outlet	3/4"
Branch connection	3/4" FIP thread
Inlet to branch centerline	5-1/8" (CPVC) 6-5/8" (F1807 / F1960)
Overall length	18"

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



Create Item Number

633A

e.g. **633WG18FPT**: 3/4" F1960 x 3/4" FIP swivel x 18" long water heater connector with full port ball valve and expansion tank branch

VALVE OUTLET CONNECTION A

-CG18FPT = 3/4" CPVC Socket

WG18FPT = 3/4" F1960 PEX

XG18FPT = 3/4" F1807 PEX

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