

# SINGLE CLAPPER SIAMESE THREADED & GROOVED OUTLET

MODEL LV-FDC-A - 90° ANGLE BODY



LV-FDC-A  
GROOVED OUTLET



MODEL LV-FDC-A  
THREADED OUTLET

## DESCRIPTION:

- **Size:** 4" NPT Outlet or Grooved; (2) 2½" NPT Inlets - Custom Threads available
- **Type:** Angle Pattern
- **Material:** B16 Brass\*
- **Finishes:** Rough Brass Polished Chrome
- Allows up to 500 GPM to supplement the system water supply for fire protection

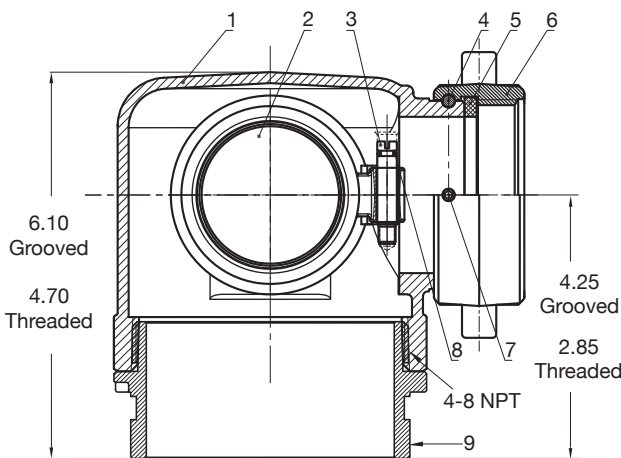
The Grooved or Threaded Pattern Fire Department Connection is UL Listed and FM Approved. It is manufactured from brass\* components to increase its service life. The single clapper design features a brass clapper and brass seats within a cast brass body. The 2½" inlets are pin lug design for ease of use and compatibility with local fire service districts. Swivel gaskets are included. Breakable caps or plugs should be installed to protect the threads and prevent debris from being accidentally introduced into the water way.

## INSTALLATION:

Installation of the Fire Department Connection is achieved with readily available job site tools. Prior to installation make sure the proper identification sign has been installed on the nipple. Coat male threads of 4" nipple liberally with a suitable pipe thread sealant such as Power Seal. Tighten FDC one full turn past hand tight. When installing the grooved FDC use a UL/FM Approved rigid coupling such as Gemlock's Style 5, 5A, 99 or 99-2 and follow the manufacturer's installation instructions. Make sure FDC is aligned according to requirements.

**\*DO NOT OVER TIGHTEN. OVER TIGHTENING MAY CAUSE SEVERE STRETCHING AND POSSIBLE CRACKING OF THE OF THE FDC BODY.**

GROOVED FDC SHOWN



MATERIAL LIST		
NUMBER	DESCRIPTION	MATERIAL
1	Body	Brass C37700
2	Clapper	Brass C37700
3	Hinge Pin	Brass C37700
4	Ball Bearing	Stainless Steel TY304
5	Sealing	EPDM
6	Coupling	Brass C37700
7	Screw	Stainless Steel TY304
8	O-Ring	EPDM
9	Grooved Connection	Brass C37700

PROJECT	APPROVAL STAMP
PROJECT:	<input type="checkbox"/> APPROVED
ADDRESS:	<input type="checkbox"/> APPROVED AS NOTED
ENGINEER:	<input type="checkbox"/> NOT APPROVED
SUBMITTAL DATA:	REMARKS:
NOTES 1:	
NOTES 2:	