

Fire Department Connection – Double Clapper, Siamese 90° Fig. 09-120



Description

The Double Clapper Siamese, 90° Pattern Fire Department Connection is UL Listed and FM Approved. Manufactured from solid brass* components to increase service life. The double clapper siamese – 90° pattern design features 2 brass clappers 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 threads and prevent debris from being accidentally introduced into the water way.

Installation

Installation of the Fire Department Connection is achieved with readily available jobsite tools. Prior to installation make sure the proper identification sign has been installed on the nipple. Coat male threads of 4” IPS nipple liberally with a suitable pipe thread sealant such as PipeFit®. Tighten FDC one full turn past hand tight. Make sure FDC is aligned according to requirements.

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

Part #	
07-450-00	2½” Plug w/chain, Rough Brass, NST
07-450-10	2½” Plug w/chain, Polished Chrome, NST
07-340-00	2½” Plug w/chain, Aluminum, NST
07-281-00	2½” Plug w/chain, ABS, NST
09-505-00	Break Caps, Metal
09-506-00	Break Caps, Plastic



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Specifications

Size:
4” IPS Outlet
(2) 2½” Inlets

Markings:
STANDPIPE

Type:
90° Pattern

Material:
B16 Brass*

Finishes:
Rough Brass
Polished Chrome**

Pin Lugs:

NST	3.0686 x 7½ T
BCT	3.0000 x 8 TP
CF	2.9900 x 7½ T
CIN-new	3.0580 x 6 TP
CIN-old	3.0930 x 6 TP
CLV	3.0780 x 8 TP
Dayton	3.2340 x 6 TP
DET	3.1250 x 7½ T
NovaSco	3.2300 x 5 TP
NYFD	3.0300 x 8 TP
ONT	3.1250 x 5 TP
PHX	3.0620 x 6 TP
QST	3.0310 x 7 TP
Raleigh	3.3400 x 6 TP
Richmon	3.3120 x 8 TP
TEM	3.0750 x 6 TP

Approvals:
UL Listed 175psi
FM Approved 175psi

* Contains lead. Not for use in water systems intended for human consumption.

** Polished chrome finish only available for NST pin lugs.



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PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	