

Hose End Valves

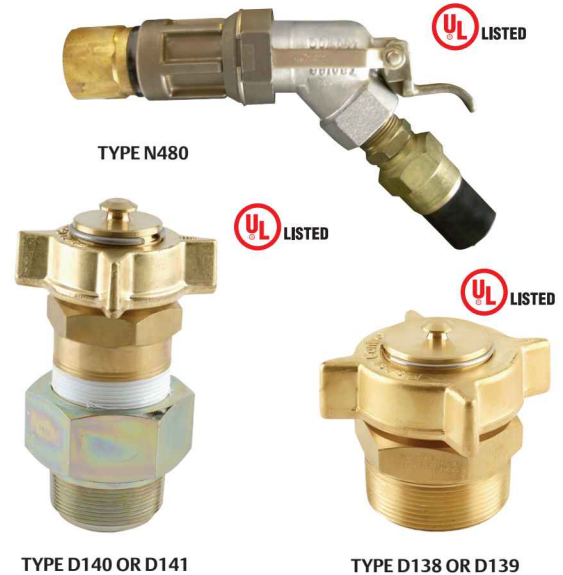
Type N480 – hose end valves are intended for quick opening and closing during bobtail truck deliveries of LPG or Anhydrous Ammonia (NH₃). The unique design prevents opening unless attached to a 1-3/4 in. ACME filler valve at the tank. The 45° angle body configuration with 1 in. NPT inlet gives maximum handling ease during the transfer operation. Standard product temperature rating is -20 to 160°F / -29 to 71°C.

For increased safety, the Type N480 is designed to stay closed unless connected even with the operating lever in the open position. This prevents accidental opening during hose reel-up or at other times. The fluted coupler permits quick attachment to the filler valve and the operating lever is easy to reach for opening or closing.

Type M570 – filler hose adaptor, included with the Type N480, permits the hose end valve to be removed from filler valves that fail to close. Standard product temperature rating is -20 to 160°F / -29 to 71°C.

Type N481 – hose end valves without the Type M570 filler hose adaptor can be supplied for Anhydrous Ammonia (NH₃) applications. Standard product temperature rating is -20 to 160°F / -29 to 71°C.

Caution: Other brands of filler hose adaptors should not be used with the Type N480 because they could allow accidental opening of the valve while it is being handled.



Large Filler Valves

Emerson offers large filler valves with heavy-duty construction throughout for rapid filling of ASME tanks or trucks. Thick-walled bodies, formed seat retainers and generous wrenching flats minimize damage to internal parts. The flow channel design offers low resistance-to-flow for increased pump and hose service. Standard product temperature rating is -20 to 160°F / -29 to 71°C.

Types D138 and D139 – offer single back check valves for use with either a supplementary G Series back check valve or a manual shutoff valve.

Types D140 and D141 – provide a two-piece design with both an upper and lower back check. The bubble tight upper back check has a resilient seat for maximum service life. A metal-to-metal lower back check protects against loss of product in case of an accident and permits removal of the upper body with the tank under pressure.

Large Filler Valves			
TYPE	CONNECTIONS CONTAINER MNPT x LINE ACME	BACK CHECK STYLE	FILLING CAPACITY GPM / l/min PROPANE AT 10 psi / 0.69 bar DIFFERENTIAL
D138	2 x 2-1/4 in.	Single	105 / 397
D140		Double	100 / 379
D139	3 x 3-1/4 in.	Single	275 / 1041
D141		Double	225 / 852

Liquid Transfer Valves

The Type N456 attaches to a liquid withdrawal valve or similar constructions. The withdrawal valve is activated by means of a special adaptor on the Type N456 that opens the valve the correct distance to permit liquid transfer from the customer tank to the storage tank. Standard product temperature rating is -20 to 160°F / -29 to 71°C.

Type N456 – Special 3/4 in. MNPT inlet x 1-3/4 in. male ACME outlet. Consists of a Type N450-06 angle valve, a Type M455 inlet adaptor, a Type M215 outlet adaptor and a cap and chain to keep dirt from entering the valve when it is not in use.



Type M455 – Special 3/4 in. MNPT inlet x 3/4 in. MNPT outlet. Opens the tank's liquid withdrawal valve the correct distance to permit transfer operations. A Nylon (PA) gasket is supplied for a tight seal with the withdrawal valve.

Types N456 and M455 should be used with Types F171* and F210* Liquid Withdrawal Valves.

*Types F171 and F210 valves are obsolete Fisher™ products. Kindly contact your LPG Equipment Distributor for a suitable replacement.