

# Type C407-10 (1-1/4 in. NPT) Internal Valve

## Introduction

Designed for both truck and stationary tanks, Type C407 internal valves can be used in vapor return lines, auxiliary liquid withdrawal lines (with Type P220-10 in-line adaptor) and as a main valve on small capacity pumping systems. The valve is suitable for LP-Gas and NH<sub>3</sub> service.

## Features

- **Excess Flow Closure**—An integral excess flow valve closes at any time flow exceeds the rating of the excess flow spring to protect the downstream system.
- **TFE Packing**—The valves have spring loaded TFE chevron packing for an effective seal against leakage.
- **Remote Release**—Type C407 can be equipped with Type P341, a latch and remote release mechanism that permits remote valve closure from a remote point or Type P342 which is a latch/bi-directional remote release mechanism that permits remote valve closure from two directions.
- **Multiple Actuation**—The valve may be operated manually or remotely by cable or pneumatic controls.
- **Pneumatic Control**—Type P389 (1-1/4 in. size) is a cylinder which can only be used with the Type C407-10 valve. All necessary hardware for installing the cylinder is included. Minimum cylinder pressure is 60 psig / 4.1 bar; maximum pressure is 250 psig / 17.2 bar.



TYPE C407-10

Figure 1. Type C407-10 (1-1/4 in. NPT)

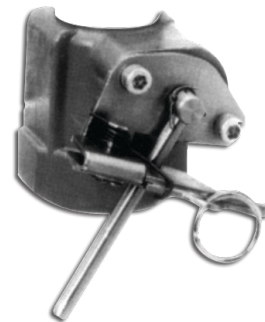


Figure 2. Type P341 Manual Latch

# Bulletin LP-7:C407-10

**Table 1. Ordering Information**

TYPE NUMBER	OUTLET CONNECTION	MEANS OF ACTUATION <sup>(1)</sup>	UL® RATED CLOSING FLOW, GPM / l/min PROPANE		INLET CONNECTION
			Half Coupling	Full Coupling	
C407-10-04	1-1/4 in. FNPT	Cable Control	40 / 152	25 / 95	1-1/4 in. MNPT
C407-10-05			50 / 189	35 / 133	
C407-10-08			80 / 303	65 / 246	

1. Add suffix "M" for factory installed latch and remote release, example: Type C407M10; add suffix "A" for factory installed air cylinder, example: Type C407A10.

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## LPG Equipment

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