

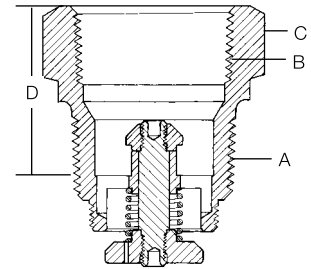
Excess Flow Valves for Liquid or Vapor 3272 Series, 3282 Series, 3292 Series, A3272 Series, A3282 Series, A3292 Series, 7574 and 12472

Application

Designed for liquid or vapor use for filling, withdrawal and vapor equalizing in container or line applications. They are intended for long lines or branch piping where tank-mounted excess flow valves are inadequate.

Features

- Precision machined.
- Generous flow channels provide low pressure drop.
- Stainless steel spring provides consistent closing flow and long service life.



Materials

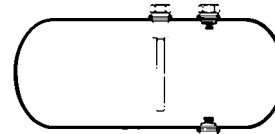
Series 3272, 3282, 3292, 7574, 12472

Body Brass
 Seat Disc Brass
 Stem Brass
 Spring Stainless Steel
 Guide (12472 ONLY) Plastic

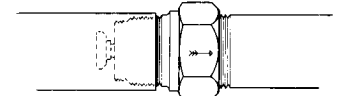
Series A3272, A3282, A3292

Body Cadmium Plated Steel
 Seat Disc Cadmium Plated Steel
 Stem Cadmium Plated Steel
 Spring Stainless Steel

Typical Installation

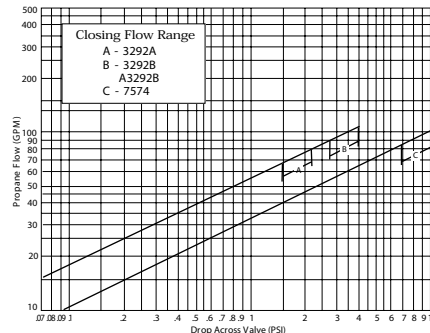
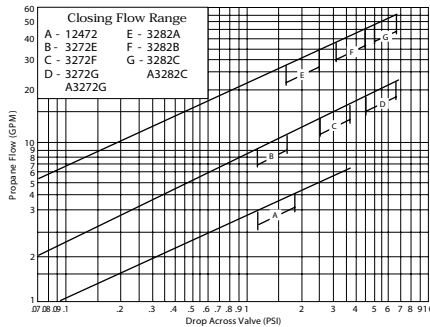


Container Service



Pipe Line Service

Performance



Ordering Information

NOTE: Multiply flow rate by .94 to determine liquid butane flow and by .90 to determine liquid anhydrous ammonia flow.

| Part Number | Brass or Steel | A Inlet Connection (M. NPT) | B Outlet Connection (F. NPT) | C Wrench Hex Flats | D Effective Length (Approx.) | Approximate Closing Flow* | | | |
|-------------|----------------|-----------------------------|------------------------------|--------------------|------------------------------|---------------------------|---------------|----------------|--|
| | | | | | | Vapor SCFH (Propane) | | | |
| | | | | | | Liquid (GPM Propane) | 25 PSIG Inlet | 100 PSIG Inlet | |
| 12472 | Brass | 3/4" | 3/4" | 1 1/8" | 1 1/8" | 4 | 1,050 | 1,700 | |
| 3272E | | | | | | 10 | 2,100 | 3,700 | |
| 3272F | | | | | | 15 | 2,800 | 5,000 | |
| 3272G | | | | | | 20 | 3,700 | 6,900 | |
| A3272G | Steel | | | | | | | | |
| 3282A | Brass | 1 1/4" | 1 1/4" | 2" | 1 1/8" | 30 | 5,850 | 10,000 | |
| 3282B | | | | | | 40 | 7,600 | 13,600 | |
| 3282C | | | | | | 50 | 9,000 | 16,300 | |
| A3282C | | | | | | 90 | 15,200 | 28,100 | |
| 7574 | Brass | 1 1/2" | 1 1/2" | 2 1/4" | 1 3/4" | 70 | 14,000 | 25,000 | |
| 7574L | | | | | | | | | |
| 3292A | | | | | | 75 | 14,200 | 24,800 | |
| A3292A | Steel | | | | | | | | |
| 3292B | Brass | 2" | 2" | 2 3/8" | 1 3/4" | 100 | 18,100 | 32,700 | |
| A3292B | Steel | | | | | | | | |
| A3292C | 122 | | | | | 22,100 | 37,600 | | |

* Based on horizontal installation of excess flow valve. Flows are slightly more when valves are installed with outlet up; slightly less when installed with outlet down.