



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.

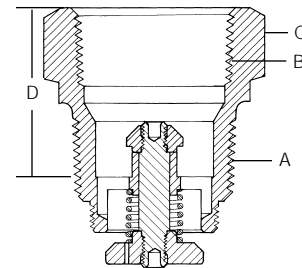
### Materials

Series 3272, 3282, 3292, 7574, 12472

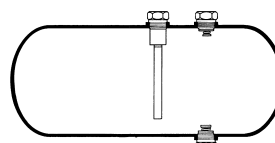
|                    |                 |
|--------------------|-----------------|
| Body               | Brass           |
| Seat Disc          | Brass           |
| Stem               | Brass           |
| Spring             | Stainless Steel |
| Guide (12472 ONLY) | Plastic         |

Series A3272, A3282, A3292

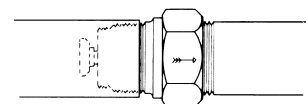
|           |                      |
|-----------|----------------------|
| Body      | Cadmium Plated Steel |
| Seat Disc | Cadmium Plated Steel |
| Stem      | Cadmium Plated Steel |
| Spring    | Stainless Steel      |



Typical Installation

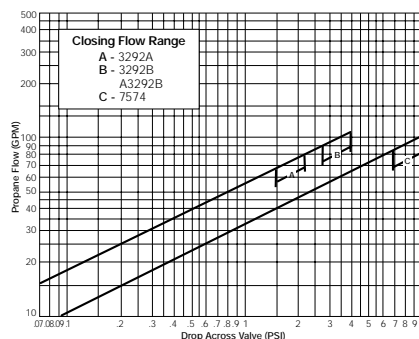
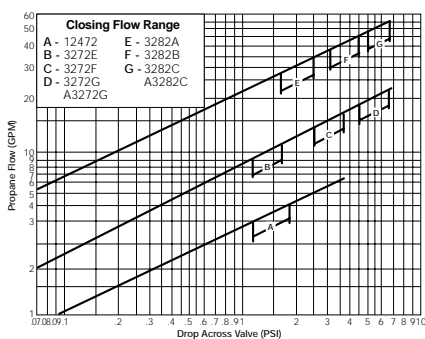


Container Service



Pipe Line Service

### Performance



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

### Ordering Information

| 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 Flows* |                      |                |  |  |  |  |
|-------------|----------------|---------------------------|----------------------------|--------------------|------------------------------|----------------------------|----------------------|----------------|--|--|--|--|
|             |                |                           |                            |                    |                              | Liquid (GPM Propane)       | Vapor SCFH (Propane) |                |  |  |  |  |
|             |                |                           |                            |                    |                              |                            | 25 PSIG Inlet        | 100 PSIG Inlet |  |  |  |  |
| 12472       | Brass          | 3/4"                      | 3/4"                       | 1 3/8"             | 1 3/8"                       | 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          | 1 1/4"                    | 1 1/4"                     | 2"                 | 1 5/16"                      | 30                         | 5,850                | 10,000         |  |  |  |  |
| 3282A       |                |                           |                            |                    |                              | 40                         | 7,600                | 13,600         |  |  |  |  |
| 3282B       |                |                           |                            |                    |                              | 50                         | 9,000                | 16,300         |  |  |  |  |
| 3282C       | Steel          | 1 1/2"                    | 1 1/2"                     | 2 1/4"             | 1 3/4"                       | 90                         | 15,200               | 28,100         |  |  |  |  |
| A3282C      |                |                           |                            |                    |                              | 70                         | 14,000               | 25,000         |  |  |  |  |
| 7574        | Brass          | 1 1/2"                    | 1 1/2"                     | 2 1/4"             | 1 3/4"                       | 75                         | 14,200               | 24,800         |  |  |  |  |
| 7574L       |                |                           |                            |                    |                              | 100                        | 18,100               | 32,700         |  |  |  |  |
| 3292A       | Steel          | 2"                        | 2"                         | 2 7/8"             | 1 7/8"                       | 100                        | 18,100               | 32,700         |  |  |  |  |
| A3292A      |                |                           |                            |                    |                              | 122                        | 22,100               | 37,600         |  |  |  |  |
| 3292B       |                |                           |                            |                    |                              |                            |                      |                |  |  |  |  |
| A3292B      |                |                           |                            |                    |                              |                            |                      |                |  |  |  |  |
| A3292C      | Steel          |                           |                            |                    |                              |                            |                      |                |  |  |  |  |

\* 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.

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

