

# 8400 Series Jar Top Valves

## FEATURES

- Virgin PVC material body construction (NSF approved material)
- Glass filled nylon bonnet and ring construction
- Heavy duty co-molded diaphragm with stainless steel spring
- Hex plunger design for sandy water conditions
- Stainless steel spring and internal components
- Internal manual bleed
- Suitable for residential and light commercial applications

## PRESSURE LOSS WITH 3/4" VALVE

| Flow (GPM) | Pressure Loss (PSI) |
|------------|---------------------|
| 5          | 3.5                 |
| 10         | 4.0                 |
| 15         | 3.0                 |
| 20         | 3.2                 |
| 25         | 4.1                 |
| 30         | 6.2                 |

## PRESSURE LOSS WITH 1" VALVE

| Flow (GPM) | Pressure Loss (PSI) |
|------------|---------------------|
| 5          | 3.5                 |
| 10         | 4.0                 |
| 15         | 3.0                 |
| 20         | 3.2                 |
| 25         | 4.1                 |
| 30         | 6.2                 |

## OPTIONS AVAILABLE

- Optional with 110 VAC Solenoid

## ORDER SPECIFICATION GUIDE : Model

### Model

- 8410T = 1" Female Threaded Inlet / Outlet without Flow Control
- 8410 = 1" Slip Socket Inlet / Outlet without Flow Control
- 8475T = 3/4" Female Threaded Inlet / Outlet without Flow Control
- 8475 = 3/4" Slip Socket Inlet / Outlet without Flow Control
- 8410T-I = 1" Female Threaded Inlet / Outlet with 110 VAC Solenoid and without Flow Control
- 8410-I = 1" Slip Socket Inlet / Outlet with 110 VAC Solenoid and without Flow Control
- 8475T-I = 3/4" Female Threaded Inlet / Outlet with 110 VAC Solenoid and without Flow Control
- 8475-I = 3/4" Slip Socket Inlet / Outlet with 110 VAC Solenoid and without Flow Control

## ELECTRICAL SPECIFICATIONS

- 24 VAC standard
- Inrush: 350 mA
- Holding: 250 mA
- Cycles: 50 Hz or 60 Hz

## OPERATING SPECIFICATIONS

- 3/4" Flow: 1 - 30 GPM
- 1" Flow: 1 - 30 GPM
- Operating pressure: 15 - 125 PSI
- Minimum flow is 5 GPM
- Recommended velocity not to exceed 5 feet per second of corresponding pipe size
- All valves for outdoor use and installation only



### 8410T

- 1" Female Threaded Inlet and Outlet
- Flow Control
- Overall Height: 5"
- Overall Width: 3"
- Overall Length 4"

