

1½" and 2" PGV

These reliable valves provide long-lasting performance for larger systems.

KEY BENEFITS

- External/internal manual bleed allows for quick and easy activation at the valve
- Double-beaded diaphragm seal design ensures leak-free performance
- Captive bonnet screws eliminate the possibility of lost parts during disassembly
- Triple-tool bonnet screws are compatible with standard or Phillips screwdrivers as well as a nut driver
- Each valve available with globe or angle configuration for convenient placement
- Encapsulated solenoid with captive plunger used on every Hunter valve provides hassle-free service
- Flow control maximizes efficiency and prolongs the life of the system



User-Installed Options

- Accu Sync® pressure regulation at the valve*
- DC-latching solenoid for battery-powered controllers (P/N 458200)
- Solenoid conduit cover (P/N 464322)
- Reclaimed flow control handle (P/N 607105)

Factory-Installed Options

- LS: Valve without solenoid
- DC: DC-latching solenoid for battery-powered controllers

1" PGV Operating Specifications

- Flow: 0.2 to 40 GPM
- Recommended pressure range: 20 to 150 PSI
- Temperature rating: 150°F
- Warranty period: 2 years
- View more details for [1" PGV >](#)

1½" and 2" PGV Operating Specifications

- Flow:
 - PGV-151: 20 to 120 GPM
 - PGV-201: 20 to 150 GPM
- Recommended pressure range: 20 to 150 PSI
- Temperature rating: 150°F
- Warranty period: 2 years

1" PGV Pressure Loss Chart

1" PGV and PGV Jar-Top Pressure Loss in PSI

| Flow | 1" | 1" | 1" | 1" |
|------|-------|-------|-------------|-------------|
| GPM | Globe | Angle | Male x Male | Male x Barb |
| 1 | 3 | 1 | 2 | 2 |
| 5 | 4 | 1 | 2 | 2 |
| 10 | 4 | 1 | 2 | 2 |
| 15 | 5 | 1 | 3 | 3 |
| 20 | 5 | 2 | 4 | 4 |
| 25 | 6 | 2 | 7 | 6 |
| 30 | 8 | 3 | 10 | 10 |
| 40 | 14 | 5 | 18 | 16 |

1½" and 2" PGV Pressure Loss Chart**1½" and 2" PGV Pressure Loss in PSI**

| Flow | 1½" | 1½" | 2" | 2" |
|------|-------|-------|-------|-------|
| GPM | Globe | Angle | Globe | Angle |
| 20 | 3 | 3 | 1 | 1 |
| 30 | 3 | 3 | 1 | 2 |
| 35 | 3 | 3 | 2 | 2 |
| 40 | 3 | 3 | 2 | 2 |
| 50 | 4 | 3.5 | 1 | 1 |
| 60 | 5 | 4 | 2 | 2 |
| 80 | 5.5 | 4.5 | 3 | 2 |
| 100 | 9 | 8 | 5 | 3 |
| 120 | 11.5 | 10.5 | 6 | 5 |
| 135 | | | 8 | 7 |
| 150 | | | 10 | 9 |

Solenoid Specifications

- 24 VAC solenoid
 - 350 mA inrush, 190 mA holding, 60 Hz
 - 370 mA inrush, 210 mA holding, 50 Hz

1" PGV AND PGV JAR-TOP PRESSURE LOSS IN PSI

| Flow GPM | 1" Globe | 1" Angle | 1" Male x Male | 1" Male x Barb |
|-------------|-------------|-------------|-------------------|-------------------|
| 1 | 3 | 1 | 2 | 2 |
| 5 | 4 | 1 | 2 | 2 |
| 10 | 4 | 1 | 2 | 2 |
| 15 | 5 | 1 | 3 | 3 |
| 20 | 5 | 2 | 4 | 4 |
| 25 | 6 | 2 | 7 | 6 |
| 30 | 8 | 3 | 10 | 10 |
| 40 | 14 | 5 | 18 | 16 |

1½" AND 2" PGV PRESSURE LOSS IN PSI

| Flow GPM | 1½" Globe | 1½" Angle | 2" Globe | 2" Angle |
|-------------|--------------|--------------|-------------|-------------|
| 20 | 3 | 3 | 1 | 1 |
| 30 | 3 | 3 | 1 | 2 |
| 35 | 3 | 3 | 2 | 2 |
| 40 | 3 | 3 | 2 | 2 |
| 50 | 4 | 3.5 | 1 | 1 |
| 60 | 5 | 4 | 2 | 2 |
| 80 | 5.5 | 4.5 | 3 | 2 |
| 100 | 9 | 8 | 5 | 3 |
| 120 | 11.5 | 10.5 | 6 | 5 |
| 135 | | | 8 | 7 |
| 150 | | | 10 | 9 |

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