



TFV and TFV-F Series



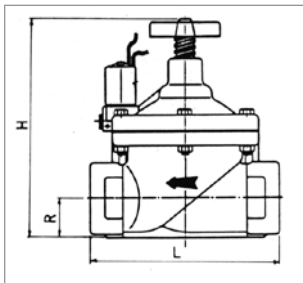
H701

### TFV Irrigation Solenoid Valve Features:

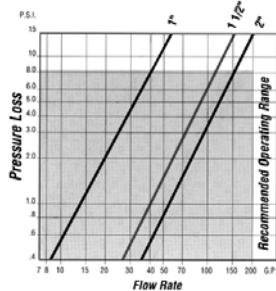
- Rugged glass-reinforced nylon construction.
- For residential, commercial and agricultural irrigation systems only.
- High strength, long life natural rubber diaphragm.
- In line globe design.
- Normally closed valve provides slow and smooth opening and closing.
- Quarter turn downstream bleed lever allows manual operation without external water spills.
- High flow rate with low head loss.
- Flow control available for exact water flow adjustment.
- Accurate operation over a wide range of pressure flows.
- In line maintenance - No need to remove valve from line for service.
- Standard and flow control models available.
- Available with standard 24 volt or optional 110 volt solenoid.

**TFV Series irrigation solenoid valves are designed and intended for use in turf irrigation applications only. While these valves may operate in applications other than they are intended, the AGI warranty will not apply for those uses.**

**\*\* NO RETURNS on special order N/O valves.**



Flow Chart For Fully Open Valves



### Specifications:

- Voltage .....24 Volts AC 3 Watts
- Current .....Inrush .48 AMPS;  
.....Holding .24 AMPS
- Max. Working Temp .....180°F
- Max. Operating Pressure .....150 PSI
- Min. Operating Pressure .....10 PSI
- Recommended minimum pressure differential .....7 PSI
- Valve Body .....Glass reinforced Nylon
- Inner Plastic Parts .....Acetal
- Diaphragm .....Natural rubber
- Seals .....Buna-N
- Metal Parts and Screws .....Stainless Steel 303

| Part Number  | Size (FPT) | Volts | Flow Control | Weight   | Dimensions |        |       |        | Ctn Qty | List Price       |
|--------------|------------|-------|--------------|----------|------------|--------|-------|--------|---------|------------------|
|              |            |       |              |          | L          | H      | R     | Width  |         |                  |
| TFV100T      | 1"         | 24    | No           | 12.5 oz  | 4 5/16     | 2 1/2  | 7/8   | 3 1/16 | 20      | \$ <b>174.25</b> |
| TFV100T110V  | 1"         | 110   | No           | 12.5 oz  | 4 5/16     | 2 1/2  | 7/8   | 3 1/16 | 20      | <b>187.07</b>    |
| TFV100TF     | 1"         | 24    | Yes          | 12.5 oz. | 4 5/16     | 4 1/2  | 7/8   | 3 1/16 | 20      | <b>190.55</b>    |
| TFV100TF110V | 1"         | 110   | Yes          | 12.5 oz. | 4 5/16     | 4 1/2  | 7/8   | 3 1/16 | 20      | <b>203.21</b>    |
| TFV150TF     | 1 1/2"     | 24    | Yes          | 2.2 lbs. | 6 5/16     | 7 3/16 | 15/16 | 5      | 5       | <b>343.96</b>    |
| TFV150TF110V | 1 1/2"     | 110   | Yes          | 2.2 lbs. | 6 5/16     | 7 3/16 | 15/16 | 5      | 5       | <b>356.33</b>    |
| TFV200TF     | 2"         | 24    | Yes          | 2.2 lbs, | 6 3/4      | 7 3/8  | 1 1/2 | 5      | 5       | <b>446.16</b>    |
| TFV200TF110V | 2"         | 110   | Yes          | 2.2 lbs, | 6 3/4      | 7 3/8  | 1 1/2 | 5      | 5       | <b>458.42</b>    |

### Replacement Solenoid Assemblies

|          |          |              |
|----------|----------|--------------|
| H701-24  | 24 volt  | 42.39        |
| H701-110 | 110 volt | <b>65.43</b> |