



Irrigation Solenoid Valves



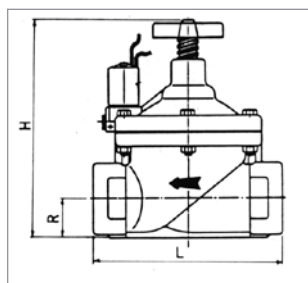
TFV Series

TFV Irrigation Solenoid Valve Features:

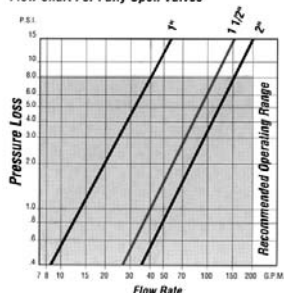
- Rugged glass-reinforced nylon construction.
- For residential, commercial and agricultural irrigation systems only.
- High strength, long life natural rubber diaphragm.
- In line globe design.
- Normally closed valve provides slow and smooth opening and closing.
- Quarter turn downstream bleed lever 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:

Voltage24 Volts AC 3 Watts
 CurrentInrush .48 AMPS;
Holding .24 AMPS
 Max. Working Temp180°F
 Max. Operating Pressure150 PSI
 Min. Operating Pressure10 PSI
 Recommended minimum
 pressure differential7 PSI
 Valve BodyGlass reinforced Nylon
 Inner Plastic PartsAcetal
 DiaphragmNatural rubber
 SealsBuna-N
 Metal Parts and ScrewsStainless Steel 303

Part Number	Size (FPT)	Volts	Flow Control	Weight	Dimensions				Ctn Qty	List Price
TFV100T	1"	24	No	12.5 oz	4 5/16	2 1/2	7/8	3 1/16	20	\$ 99.52
TFV100T110V	1"	110	No	12.5 oz	4 5/16	2 1/2	7/8	3 1/16	20	112.92
TFV100TF	1"	24	Yes	12.5 oz.	4 5/16	4 1/2	7/8	3 1/16	20	110.51
TFV100TF110V	1"	110	Yes	12.5 oz.	4 5/16	4 1/2	7/8	3 1/16	20	123.93
TFV150TF	1 1/2"	24	Yes	2.2 lbs.	6 5/16	7 3/16	15/16	5	5	234.30
TFV150TF110V	1 1/2"	110	Yes	2.2 lbs.	6 5/16	7 3/16	15/16	5	5	247.44
TFV200TF	2"	24	Yes	2.2 lbs.	6 3/4	7 3/8	1 1/2	5	5	315.62
TFV200TF110V	2"	110	Yes	2.2 lbs.	6 3/4	7 3/8	1 1/2	5	5	329.14
Replacement Solenoid Assemblies										
H701-24	24 volt									37.85
H701-110	110 volt									51.99