

Irritrol®



The Irritrol® 205 Series 1-inch plastic valve is the irrigation industry's time-tested leader for dependable operation in potable and dirty water applications. With a proven track record of success in a wide range of environments, these debris-tolerant valves are available with flow control as an optional feature. Constructed of heavy-duty, corrosion and UV-resistant PVC, the 205 Series features an efficient design that has a pressure range of 10-150 psi and flow range of .25-30 GPM. A manual bleed and a rugged, nylon-reinforced Buna-N diaphragm add value to this widely popular valve.

205 SERIES

1" PVC GLOBE VALVE

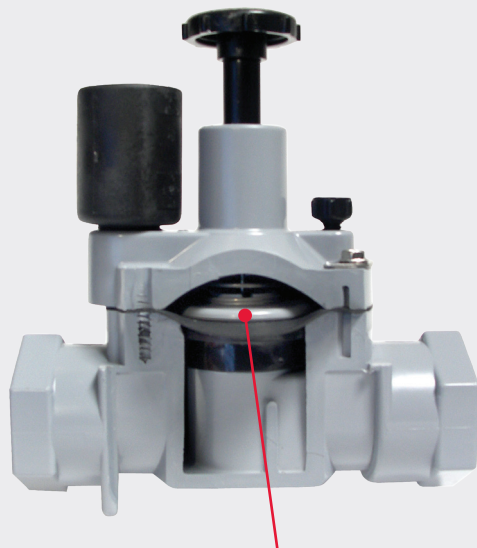
HEAVY-DUTY, CORROSION AND UV-RESISTANT PVC CONSTRUCTION
Proven durability

HIGH-FLOW, LOW FRICTION LOSS DESIGN
More efficient system design and low-flow capability

RUGGED, NYLON-REINFORCED BUNA-N DIAPHRAGM
Ensures a leak-proof seal

**AVAILABLE IN FEMALE NPT OR SLIP CONFIGURATIONS
(NO MALE PIPE ADAPTER REQUIRED)**
Will handle all regional installation variances

OPTIONAL FLOW CONTROL
Allows precise adjustment and manual shutoff



A flat fiber washer diaphragm allows the 205 to work in a wide flow range as well as easily handle debris



ELECTRIC GLOBE
1" PLASTIC MODELS

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ADDED FEATURES

- Buna-N valve seat seal
- Manual external bleed
- Debris-tolerant design
- Encapsulated injection-molded solenoid with a captive hex plunger
- Removable, tamper-resistant flow control handle
- Easily serviced without removal from the system
- Five-year warranty

OPERATING SPECIFICATIONS

- Flow range: 0.25-30 GPM
- Pressure range: 10-150 psi

ELECTRICAL SPECIFICATIONS

- Solenoid: 24 V ac
- Inrush volt-amp: 24 V ac-9.6 VA
- Inrush current: .4 amp
- Holding volt-amp: 24 V ac-4.8 VA
- Holding current: .2 amp



MODELS

Model	Description
205S	1" slip connection
205SF	1" slip connection with flow control
205T	1" NPT threaded connection
205TF	1" NPT threaded connection with flow control

DIMENSIONS

- H: 5 1/8", W: 2 3/4", L: 5"

PRESSURE LOSS DATA

Flow Rate - GPM

MODEL	SIZE	.25	2	5	10	15	20	30
205 Series	1"	5.40	3.82	3.00	2.20	1.90	3.10	5.10

Pressure loss data are derived from valves independently tested by CIT, Fresno, CA.

SPECIFYING INFORMATION

MODEL	CONFIGURATION	FEATURE
205 - 205 globe valve	S - Slip Connection T - NPT Threads	F - Flow Control

Example: A 205 globe valve with NPT threads and flow control = **205TF**



OPTIONAL ACCESSORIES

- (A) Recycled water solenoid kit (RW60-KIT); purple solenoid with purple warning tag
- (B) DC latching solenoid (DCL)
Note: Maximum pressure for a valve that utilizes latching solenoid is 120 psi.
- (C) R205KIT – Repair Kit for 205T Valve
- (D) R205TFKIT – Repair Kit for 205TF Valve

* *Optional accessories are field-installable. Must specify separately if required.*

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