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.
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
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>205S</td>
<td>1” slip connection</td>
</tr>
<tr>
<td>205SF</td>
<td>1” slip connection with flow control</td>
</tr>
<tr>
<td>205T</td>
<td>1” NPT threaded connection</td>
</tr>
<tr>
<td>205TF</td>
<td>1” NPT threaded connection with flow control</td>
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</tbody>
</table>

DIMENSIONS
- H: 5 1/8", W: 2 ¾”, L: 5"

PRESSURE LOSS DATA

<table>
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<tr>
<th>MODEL</th>
<th>SIZE</th>
<th>.25</th>
<th>2</th>
<th>5</th>
<th>10</th>
<th>15</th>
<th>20</th>
<th>30</th>
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</thead>
<tbody>
<tr>
<td>205 Series</td>
<td>1”</td>
<td>5.40</td>
<td>3.82</td>
<td>3.00</td>
<td>2.20</td>
<td>1.90</td>
<td>3.10</td>
<td>5.10</td>
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Pressure loss data are derived from valves independently tested by CIT, Fresno, CA.

SPECIFYING INFORMATION

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
D  R205TFKIT

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

We reserve the right to improve our products and make changes in the specifications and designs without notice and without incurring obligation. Products depicted in this brochure are for demonstration purposes only. Actual products offered for sale may vary in design and features.