TAKE ADVANTAGE OF IRRITROL’S CONTROLLER REPAIR SERVICES

Don’t throw away a problematic controller... send it to us! Irritrol's team of skilled technicians can resolve your controller problem before your site suffers any damage. Simply call us direct, or call your Irritrol distributor to arrange for the help you need immediately.

WITH IRRITROL’S CONTROLLER REPAIR ADVANTAGE, YOU’LL GET

• Immediate repair or replacement of unit within 48 to 72 hours
• Low, fixed prices with no surprises
• Quality repairs by the original manufacturer
• Product improvements/updates built into repairs
• Six-month warranty on replacements parts

IMMEDIATE RESPONSE TO YOUR NEEDS

We know that time is of the essence when it comes to protecting your site condition, and your reputation. For an immediate response to your immediate controller need, contact Irritrol Controller Repair Services.

Phone Numbers & Hours of Operation:

• Controller Repair Services:
  1-800-899-2058
  M-F from 6:00am to 2:30pm, Pacific Time

• Customer Support Line:
  1-800-634-TURF (8873)
  1-800-777-1477 - Rain Master Customer Support
  M-F from 7:30am to 4:00pm, Pacific Time

Send Controller Repairs to:

Irritrol
5825 Jasmine Street
Riverside, CA 92504
Attn: Controller Repair

Please include the following information:
1. Your name/Company name
2. Address you want the unit return shipped to
3. Contact phone number
4. Short description of the problem

Industry professionals depend on Irritrol to supply the products, services, and support that will save them time and money, ultimately benefiting their bottom line.
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### CONTROLLERS

**RAIN DIAL®-R SERIES HYBRID**

**OUTDOOR MODELS:**
- RD600-EXT-R
- RD900-EXT-R
- RD1200-EXT-R

**NOTE:** The new Rain Dial-R module will retrofit older Rain Dial cabinets.

<table>
<thead>
<tr>
<th>REF.#</th>
<th>DESCRIPTION</th>
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<td>RD-9 MOD-R</td>
<td>RD-12 MOD-R</td>
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<tr>
<td>3</td>
<td>Cable, Adapter, 20 x 16 Pin</td>
<td>R102-5476</td>
<td>R102-5476</td>
<td>R102-5476</td>
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<tr>
<td>4</td>
<td>Terminal Board Assembly</td>
<td>102-7995</td>
<td>102-7995</td>
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<tr>
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<td>102-8283</td>
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<tr>
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<td>Fuse 2 amp SLO-BLO</td>
<td>363-8640</td>
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<tr>
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Door Label Instructions: Visit www.irritrol.com to download

Instruction Manual: Visit www.irritrol.com to download
NOTE: The new Rain Dial-R module will retrofit older Rain Dial cabinets.

### INDOOR MODELS:
- RD600-INT-R
- RD900-INT-R
- RD1200-INT-R

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</table>

Instruction Manual
Visit www.irritrol.com to download

Door Label Instructions
Visit www.irritrol.com to download
## TOTAL CONTROL® Series HYBRID

### OUTDOOR MODELS:
- TC–6EX–R
- TC–9EX–R
- TC–12EX–R
- TC–15EX–R
- TC–18EX–R
- TC–24EX–R

<table>
<thead>
<tr>
<th>REF.#</th>
<th>DESCRIPTION</th>
<th>TC-6EX-R</th>
<th>TC-9EX-R</th>
<th>TC-12EX-R</th>
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<th>TC-18EX-R</th>
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<td>TC-18MOD-R</td>
<td>TC24-MOD-R</td>
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<td>102-2615</td>
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<td>102-2614</td>
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<td>Terminal Board Assembly, ROHS</td>
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<td>102-8103</td>
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<td>5</td>
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<td>102-5804C</td>
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<td>102-5804C</td>
<td>102-5804C</td>
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<tr>
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<td>R614201</td>
<td>R614201</td>
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<tr>
<td>6</td>
<td>Key and Lock Assembly</td>
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</table>

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## CONTROLLERS

### TOTAL CONTROL-R SERIES HYBRID

#### INDOOR MODELS:
- TC-6IN-R
- TC-9IN-R
- TC-12IN-R

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<thead>
<tr>
<th>REF.#</th>
<th>DESCRIPTION</th>
<th>TC-6IN-R</th>
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<th>TC-12IN-R</th>
</tr>
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<td>TC-6MOD-R</td>
<td>TC-9MOD-R</td>
<td>TC-12MOD-R</td>
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<td>597701</td>
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<td>102-2615</td>
<td>102-2615</td>
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<tr>
<td>4</td>
<td>Fuse 2 amp SLO-BLO</td>
<td>363-1578</td>
<td>363-1578</td>
<td>363-1578</td>
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<tr>
<td>5</td>
<td>Transformer Assembly, 120 VAC, 60 Hz</td>
<td>R201902</td>
<td>R201902</td>
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</table>

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## Controllers

**Kwikdial® Series Hybrid**

**Outdoor Models:**
- KD4-EXT
- KD6-EXT
- KD9-EXT
- KD12-EXT

<table>
<thead>
<tr>
<th>REF.#</th>
<th>Description</th>
<th>KD4-EXT</th>
<th>KD6-EXT</th>
<th>KD9-EXT</th>
<th>KD12-EXT</th>
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<tbody>
<tr>
<td>1</td>
<td>Kit, Service, Panel, Lower</td>
<td>102-4973</td>
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<td>102-4973</td>
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<td>2</td>
<td>Kit, Service, XFMR, 115-120V</td>
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<td>102-4975</td>
<td>102-4975</td>
</tr>
<tr>
<td>3</td>
<td>Kit, Service, Door</td>
<td>102-4974</td>
<td>102-4974</td>
<td>102-4974</td>
<td>102-4974</td>
</tr>
<tr>
<td>4</td>
<td>Cable Adapter for remote and CLIMATE LOGIC™ User’s Manual</td>
<td>CMR-ADP</td>
<td>CMR-ADP</td>
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</table>

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CONTROLLERS

KWIKDIAL® SERIES HYBRID

INDOOR MODELS:
- KD4–INT
- KD6–INT
- KD9–INT
- KD12–INT

<table>
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<tr>
<th>REF.#</th>
<th>DESCRIPTION</th>
<th>PART NO.</th>
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<th>PART NO.</th>
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</thead>
<tbody>
<tr>
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<td>Kit, Service, Panel, Lower</td>
<td>102-4973</td>
<td>102-4973</td>
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<td>2</td>
<td>Kit, Service, XFMR, Plug-in</td>
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<td>Cable Adapter for remote and CLIMATE LOGIC™</td>
<td>CMR-ADP</td>
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</table>

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## MC-E Series

**MODEL NO.:**
- MC–4E
- MC–6E
- MC–8E
- MC–12E

### REF. # | DESCRIPTION |
<table>
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<tr>
<td>1</td>
<td>Complete Panel Assembly</td>
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<tr>
<td>2</td>
<td>Select Knob, MC–E</td>
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<tr>
<td>3</td>
<td>Cable Adapter for Remote &amp; CLIMATE LOGIC™</td>
</tr>
<tr>
<td>4</td>
<td>Transformer Assy., 120 VAC, 60 Hz</td>
</tr>
<tr>
<td>4</td>
<td>Transformer Assy., 230 VAC, 50 Hz, ROHS</td>
</tr>
<tr>
<td>5</td>
<td>Access Panel</td>
</tr>
<tr>
<td>6</td>
<td>Cabinet Assembly, 10 inch</td>
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<tr>
<td>7</td>
<td>Key and Lock Assembly</td>
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<td>8</td>
<td>Key Only (HL238)</td>
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### PART NO. | MC-4E | MC-6E | MC-8E | MC-12E |
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### Controllers

#### MC-E Series Solid State

**Model No.:**
- MC–18E
- MC–24E
- MC–30E
- MC–36E
- MC–42E
- MC–48E

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<td>Header Cable (requires 4 cables)</td>
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## PC CONTROL SERIES

### COMPUTER-PROGRAMMED

**OUTDOOR AND INDOOR MODELS:**
- PC-12-ADD-INT
- PC-12-ADD-EXT

<table>
<thead>
<tr>
<th>REF.#</th>
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<tbody>
<tr>
<td>1</td>
<td>Kit, Service Panel, Lower</td>
<td>102-4973</td>
<td>102-4973</td>
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<tr>
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<td>External Transformer, 115-120V (Outdoor Models)</td>
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**User’s Guide**
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**Quick Reference Card**
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### CONTROLLERS

**IBOC® PLUS SERIES**

**MODEL NO.:**
- IBOC4-PLUS
- IBOC8-PLUS
- IBOC12-PLUS

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Please note: Use one of the following batteries — Energizer #521 or Duracell MN918
EAGLE™

MODELS:
• Wall Mount - Small / Large
• Pedestal

MODELS:
• Wall Mount - Small / Large
• Pedestal
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RAIN MASTER CONTROLLERS

TWICE™ 2-WIRE (Eagle)

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SENTAR II™

MODELS:
- Wall Mount
- Pedestal

RAIN MASTER CONTROLLERS
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## PRO MAX™ REMOTES

### MODELS:
- PRO MAX (Rain Master Only)
- PRO MAX-UA (Universal)

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<th>DESCRIPTION</th>
<th>PRO MAX PART NO.</th>
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# Rain Master Accessories

## Weather Center

![Weather Center parts diagram](image)

### REF. #  | DESCRIPTION | PART NO.
--- | --- | ---
1 | Rain Switch | 650-0012
2 | Bracket, Extension, w/ Antenna/Sensor Access Hole | 020-0115
3 | External Antenna | EG-ANT-LP
4 | Rain Gauge Tipping Bucket | 650-0002
5 | Bird Wire | 440-2018
6 | Sensor, Solar Radiation | 650-0011
7 | Weather Station Tube, Round | 020-0104
8 | Bracket, Extension, w/o Antenna/Sensor Access Hole | 020-0116
9 | Bolt, Hex, 1/4"-20 x 3/4", SS | 512-0035
10 | Solar Panel | 650-0011
11 | Anemometer Assy. (Includes item #11) | 650-0000
12 | Sensor, Relative Humidity/Temperature | 650-0010
13 | Bracket (Only) | 020-0107
14 | Terminal Block, 6-Position | 415-0106
15 | Cable Assy., Humidity/Temperature Sensor | 417-0057
16 | Cable Assy., Wind Sensor | 417-0061
17 | Cable Assy., Rain Sensor | 417-0056
18 | Cable Assy., Solar Sensor | 417-0055
19 | Washer, 1/4" ID, SS | 515-0038
20 | Screw, 1/4"-20 x 3/4", OW | 509-0001
21 | Access Door, WS | 020-0105
22 | Nut, Nylon Lock, 3/8"-16, SS | 520-0012
23 | Bolt, Hex, 3/8"-16 x 5 1/2", SS | 512-0004
24 | Base, Weather Center | 020-0108
25 | Weather Computer | WEATHER-CMPTR
## CONTROLLERS (DISCONTINUED)

### 304/306 SERIES ELECTROMECHANICAL

### OUTDOOR MODELS:
- 304PR
- 306PR

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<td>Visit <a href="http://www.irritrol.com">www.irritrol.com</a> to download</td>
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## CONTROLLERS (DISCONTINUED)

### 304/306 SERIES ELECTROMECHANICAL

#### INDOOR MODELS:
- 304PRI
- 306PRI

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**Door Label Instructions**
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**Instruction Manual**
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## Controllers (Discontinued)

### 508/512 Series

**Model No.:**
- 508PR
- 508PRI
- 512PR
- 512PRI

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<td>Cabinet Assembly</td>
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# Controllers (Discontinued)

## Rain Dial® Plus Series

### Outdoor Models:
- RD6PLUS–EXT
- RD9PLUS–EXT
- RD12PLUS–EXT

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## CONTROLLERS (DISCONTINUED)

### RAIN DIAL® PLUS SERIES

**INDOOR MODELS:**
- RD6PLUS–INT
- RD9PLUS–INT
- RD12PLUS–INT

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CONTROLLERS (DISCONTINUED)

SMART DIAL™ ET-BASED

OUTDOOR MODELS:
• SD600-EXT
• SD900-EXT
• SD1200-EXT

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### SMART DIAL™ SERIES ET-BASED

**INDOOR MODELS:**
- SD600-INT
- SD900-INT
- SD1200-INT

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CONTROLLERS (DISCONTINUED)

MC PLUS SERIES SOLID STATE

MODEL NO.:
- MC–4 PLUS–B
- MC–6 PLUS–B
- MC–8 PLUS–B
- MC–12 PLUS–B

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<td>Panel and Overlay</td>
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# CONTROLLERS (DISCONTINUED)

## MC PLUS SERIES SOLID STATE

### MODEL NO.:
- MC–18 PLUS–B
- MC–24 PLUS–B
- MC–30 PLUS–B
- MC–36 PLUS–B
- MC–42 PLUS–B

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### Controllers (Discontinued)

**Dial Series Solid State**

#### Model No.:
- Dial–5B
- Dial–7B
- Dial–11B
- Dial–14B
- Dial–16B

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## CONTROLLERS (DISCONTINUED)

### DIAL SERIES SOLID STATE

**MODEL NO.:**
- Dial–18B
- Dial–24B
- Dial–30B
- Dial–36B

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### 100 SERIES CENTURY PLUS ELECTRIC GLOBE/ANGLE

**MODEL NUMBERS:**
- 100P1
- 100P1.5
- 100P2
- 100P3

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### 100 SERIES ANTI-CONTAMINATION ELECTRIC GLOBE/ANGLE

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- 102P1.5
- 102P2
- 102P3

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<td>Retrofit Kit (Parts included 3, 11, 8, 6)</td>
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### 200B Series Electric Globe/Angle

**MODEL NUMBERS:**
- 214B
- 216B
- 217B

**VALVES**

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### 205 SERIES ELECTRIC GLOBE

**MODEL NUMBERS:**
- 205S
- 205T
- 205SF
- 205TF

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<td>Diaphragm Assembly</td>
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<td>Diaphragm Screw</td>
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<td>Cover/Diaphragm Assembly Kit (includes screws and spring)</td>
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# Valves

## 300 Series Electric Valve Adapter

**Model Numbers:**
- 300-.75
- 300-1

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<td>Manual Bleed Assembly</td>
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<td>O-Ring</td>
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<td>Metering Rod Assembly</td>
<td>R-2025</td>
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<td>Flow Adjustment Assembly</td>
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<td>O-Ring</td>
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<td>Bonnet Assembly</td>
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### VALVES

**311A SERIES**

**ELECTRIC ANTI-SIPHON**

**MODEL NUMBERS:**
- 311A-.75
- 311A-1

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### 700 SERIES UltraFlow Electric Globe

**MODEL NUMBERS:**
- 700B-.75

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## 700 Series UltraFlow Electric Globe

### Model Numbers:
- 700-1
- 700-1.5
- 700-2

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## 2400 SERIES ELECTRIC GLOBE

### MODEL NUMBERS:
- 2400S
- 2400SF
- 2400T
- 2400TF

### Components and Part Numbers:

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## 2500 Series Electric Globe

### Model Numbers:
- 2500S
- 2500T
- 2500SF
- 2500TF

### Valves

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## 2600 SERIES

**ELECTRIC ANGLE**

**MODEL NUMBERS:**
- 2600T
- 2600TF

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# Valves

## 2623DPR Series Electric Valve Adapter

### Model Numbers:

- 2623DPR-.75
- 2623DPR-1

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## 2700 Series Manual Anti-Siphon

**Model Numbers:**
- 2706PR
- 2709PR

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**Valves**

- Model Numbers: 2706PR, 2709PR
- Series: 2700
- Type: Manual Anti-Siphon

---

**Manual**

- Introduction
- Specifications
- Installation
- Maintenance
- Troubleshooting
- Accessories

---

**Anti-Siphon**

- Definition
- Prevention
- Detection
- Prevention Measures
- Legal Requirements

---

**Diagram**

- Parts and Components
- Assembly Instructions
- Flowchart
- Troubleshooting Graph

---

**References**

- Standards
- Regulations
- Industry Guidelines
- Manufacturer's Literature
- Customer Support Resources

---
## 2700 Series Electric Anti-Siphon

**Model Numbers:**
- 2711APR
- 2713APR

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### VALVES

#### 2700 SERIES ELECTRIC ANTI-SIPHON

**MODEL NUMBERS:**
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- 2713DPR

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### OMNIREG™ SERIES MODULAR PRESSURE REGULATOR

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- OMR-30
- OMR-100

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VALVES (DISCONTINUED)

300 SERIES
ELECTRIC
ANTI-SIPHON

MODEL NUMBERS:
• 305-.75
• 305.1

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## VALVES (DISCONTINUED)

### CENTURY SERIES ELECTRIC GLOBE/ANGLE

#### MODEL NUMBERS:
- 100-1
- 100-1.5
- 100-2
- 100-3

![Image of valve diagram]

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**HR1 SERIES ELECTRIC GLOBE**

**MODEL NUMBERS:**
(DISCONTINUED SERIES)
- HR1-S
- HR1-T
- HR1-SF
- HR1-TF

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