



# WHOLE HOUSE IRON REDUCTION SYSTEMS



## APPLICATIONS

- ◆ Whole House

## FEATURES • BENEFITS

- ◆ Simple, electronic system for easy programming; maintains settings during power outages
- ◆ Automatic bypass for uninterrupted water flow to the home during regeneration
- ◆ Singular, rotary disc seal means longer life and lower maintenance
- ◆ Self-cleaning injector reduces maintenance
- ◆ Chemical free operation minimizes operating costs
- ◆ 1.0 and 1.5 cubic foot capacities available to meet household demand requirements

## SPECIFICATIONS

| PART NO.                                       | 35928     | 35929     |
|------------------------------------------------|-----------|-----------|
| Rated Service Flow (gpm)                       | 5.0       | 5.0       |
| Pressure Drop at Rated Service Flow Rate (psi) | 3         | 3         |
| Media (cu ft)                                  | 1.0       | 1.5       |
| Tank Size (dia x h)                            | 10" x 44" | 10" x 54" |

## VALVE SPECIFICATIONS

|                     |                                |
|---------------------|--------------------------------|
| Valve Body          | Glass-Filled Thermoplastic     |
| Rubber Components   | Compounded For Cold Water      |
| Operating Pressure  | 20 - 120 psi (1.38 - 8.27 bar) |
| Water Temperature   | 40° - 100°F (4.4° - 38°C)      |
| Ambient Temperature | 40° - 100°F (4.4° - 38°C)      |

## POWER REQUIREMENTS

|                                        |                        |
|----------------------------------------|------------------------|
| Input Supply Frequency                 | 50 or 60 Hz            |
| Motor Input Voltage                    | 24 Volt - DC           |
| Controller System<br>Power Consumption | 3 Watts Average        |
| Transformer<br>Output Voltage          | 24 Volt - AC 500 mA    |
| Transformer<br>Input Options           | 115 Volt - AC 50/60 Hz |

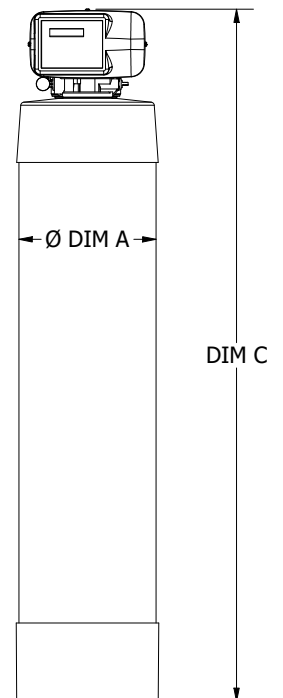
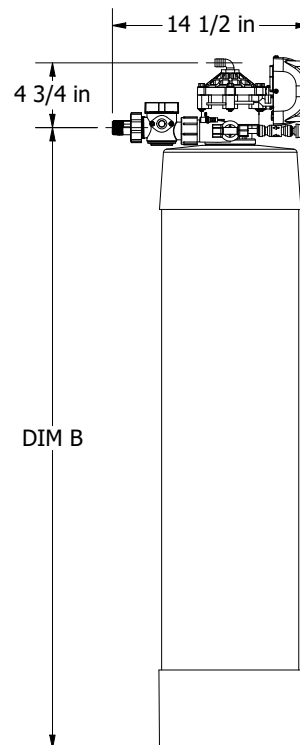
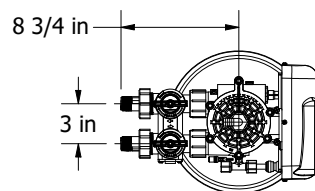
## CYCLE INFORMATION

|                   |                                                                  |
|-------------------|------------------------------------------------------------------|
| Downflow/Upflow   | Downflow Only                                                    |
| Adjustable Cycles | Yes                                                              |
| 4 Cycle Valve     | 1) Service/Home<br>2) Backwash<br>3) Slow Rinse<br>4) Fast Rinse |

## VALVE CONNECTIONS

|                               |                                    |
|-------------------------------|------------------------------------|
| Tank Thread                   | 2-1/2" - 8, Male                   |
| Drain Line                    | 3/4" NPT, Female                   |
| In/Out Bypass Valve           | Included                           |
| Drain Line Elbow Fitting      | 1/2" Hose Barb Included            |
| In/Out Plumbing<br>Connection | 3/4" NPT,<br>Male Plastic Fittings |

| Tank Size | DIM A     | DIM B     | DIM C     |
|-----------|-----------|-----------|-----------|
| 10x44     | 10-1/4 in | 46 in     | 51 in     |
| 10x54     | 10-1/4 in | 55-7/8 in | 61-1/4 in |



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