



# SPECIFICATIONS

## DuraMAC™ Dual-Mode Modular

### 17044C070PC2-M, 17060C070PC2-M Water Pressure Booster System

#### Control Features

The DuraMAC™ Dual-Mode control has the flexibility to be run in two different modes.



#### PRESSURE MODE

**START METHOD:** Pressure Drop

**STOP METHOD:** Low Flow

In Pressure Mode, the control accurately measures pressure with a pressure transducer and starts the pump at an adjustable start pressure point. The pump will stop when the flow is less than 3 Gallons per Minute.

This smart system will only run the pump when water is in use. There is a preset 7 second delay after water is not flowing past the flow sensor to fully pressurize your system and eliminate water hammer.

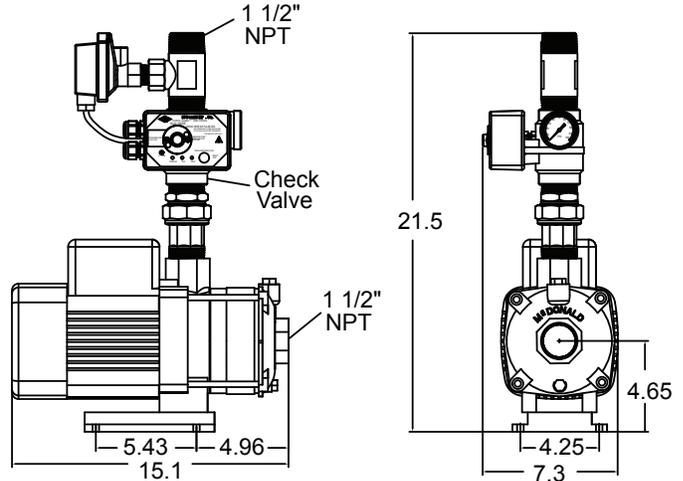


#### FLOW MODE

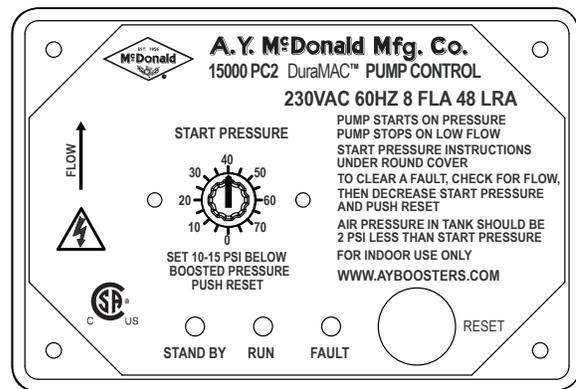
**START METHOD:** Water Flow

**STOP METHOD:** Low Flow

In Flow Mode, the control will start and stop on flow, regardless of pressure. This method can be used for systems with minor leaking or when incoming pressure varies. The starting flow rate is approximately 5 Gallons per Minute. The pump will stop when the flow is less than 3 Gallons per Minute.



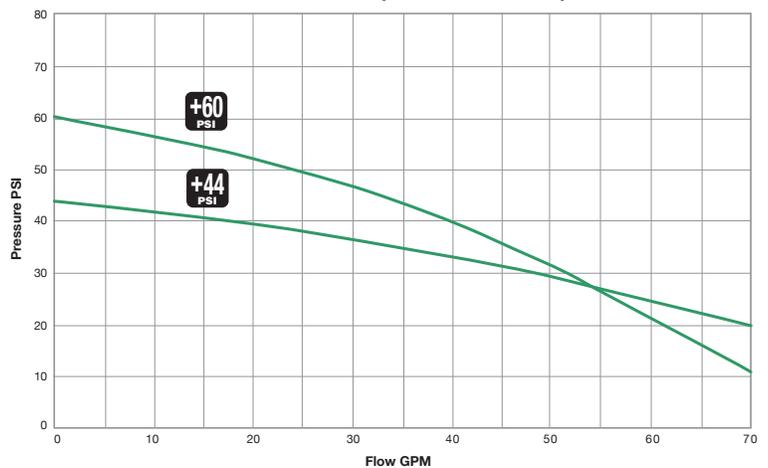
Dual-Mode Modular Shown. Skid mounted Simplex and Duplex available.



#### Materials of Construction

|                        |                     |
|------------------------|---------------------|
| Impellers              | 304 Stainless Steel |
| Pump Casing Inlet      | 301 Stainless Steel |
| Pump Casing Outlet     | 301 Stainless Steel |
| Pump Seal (stationary) | Silicon Carbide     |
| Pump Seal (rotating)   | Carbon / NBR        |
| Diffuser               | 304 Stainless Steel |
| Union Connection       | No-Lead Brass       |
| Check Valve            | No-Lead Brass       |
| Pump Control Tee       | No-Lead Brass       |
| Motor - Single Phase   | 2 HP TEFC           |

#### DuraMAC™ Performance (Additional Booster)



#### Specifications

| DuraMAC™ Model | Pump Boost* | Amps | Voltage     | Power | Pressure Reducing Valve recommended for installation with incoming pressure greater than: |
|----------------|-------------|------|-------------|-------|---|
| 17044C070PC2-M | 44 psi      | 7.0  | 230 - 60 Hz | 2 HP  | 36 psi  |
| 17060C070PC2-M | 60 psi      | 8.0  | 230 - 60 Hz | 2 HP  | 20 psi  |

\*Many plumbing codes do not recommend system pressure exceeding 80 PSI. Refer to local plumbing codes for maximum boosted pressure.