17044C070PC2-S, 17060C070PC2-S 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.
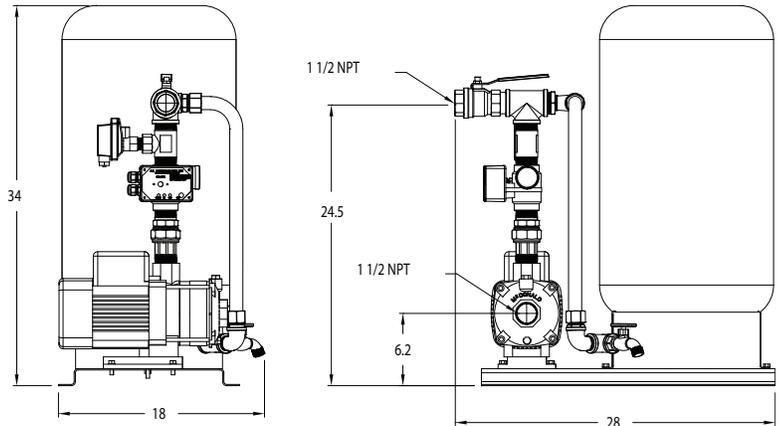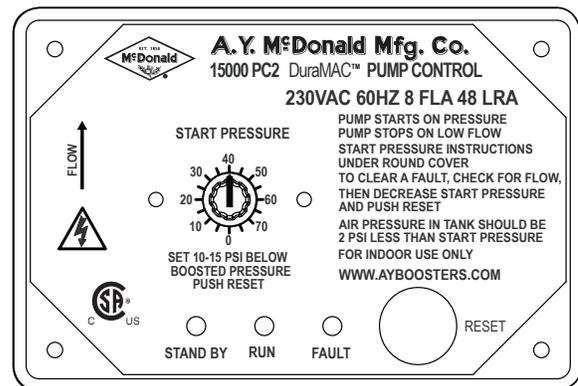
FLOW MODE
START METHOD: Water Flow
STOP METHOD: Low Flow

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.
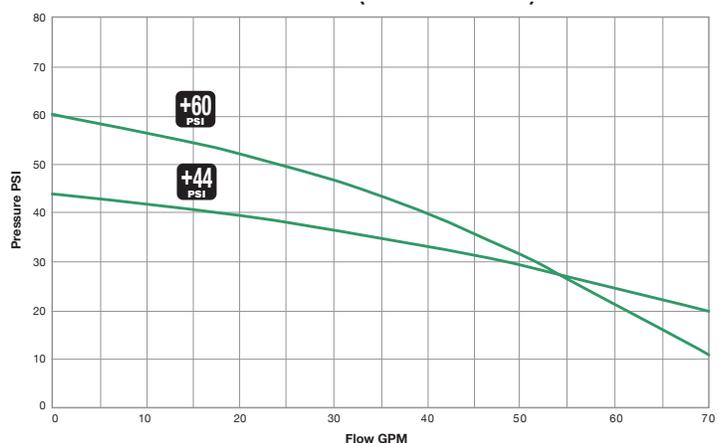

Simplex base mounted with 20 gallon tank.

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
Base	304 Stainless steel

DuraMAC™ Performance (Additional Booster - Both Pumps Running)

Specifications

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