DuraMAC™ - Dual Mode Modular

Not all boosting applications require complicated boosting systems. The DuraMAC™ Boosting system is simple, versatile, sophisticated, and reliable. With a quick and easy installation, and unique digital control featuring dual modes of operation, this pump can meet your unique commercial or irrigation needs.

Features:
- Easy set-up installation
- Digital control with dual modes of operation
- Durable stainless steel and no-lead brass connections
- TEFC single phase motor for quiet operation
- Electronics separated and sealed from waterway
- Pressure gauge included
- No-Lead brass check valve included (meets no-lead compliance)

DuraMAC™ Performance Curve (Additional Boost)

70 Gallon / Minute (GPM) Max

<table>
<thead>
<tr>
<th>DuraMAC™ Model</th>
<th>Description</th>
<th>Pump Boost</th>
<th>Amps</th>
<th>Voltage</th>
<th>Power</th>
<th>*Pressure Reducing Valve Recommended for installation with incoming pressure greater than:</th>
<th>Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>17044C070PC2-M</td>
<td>230V Booster System</td>
<td>44 PSI</td>
<td>7.0</td>
<td>230 - 60 Hz</td>
<td>2 HP</td>
<td>36 PSI</td>
<td>56</td>
</tr>
<tr>
<td>17060C070PC2-M</td>
<td>230V Booster System</td>
<td>60 PSI</td>
<td>8.0</td>
<td>230 - 60 Hz</td>
<td>2 HP</td>
<td>20 PSI</td>
<td>56</td>
</tr>
</tbody>
</table>

Pressure tank required. See instruction manual for sizing information.

*Many plumbing codes do not recommend system pressure exceeding 80 PSI. Refer to local plumbing codes for maximum boosted pressure.
DuraMAC™ - Dual Mode Modular

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 three Gallons per Minute.

This smart system will only run the pump when water is in use. There is a preset seven 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 five Gallons per Minute. The pump will stop when the flow is less than three Gallons per Minute.

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**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: No-Lead Brass  
- Motor - Single Phase: 2 HP TEFC
DuraMAC™ Booster Pumps

DuraMAC™ - Dual Mode Simplex

Not all boosting applications require complicated boosting systems. The DuraMAC™ Boosting system is simple, versatile, sophisticated, and reliable. With the ability to pump up to 70 GPM this unique pump is ideal for commercial or irrigation use.

Features:
- Easy set-up installation
- Digital control with dual modes of operation
- Durable stainless steel and no-lead brass connections
- TEFC single phase motor for quiet operation
- Electronics separated and sealed from waterway
- Pressure gauge included
- No-Lead brass check valve included
- Up to 70 GPM
- 20 gallon pressure tank included
- Stainless steel base
- Dry run protection

DuraMAC™ Performance Curve (Additional Boost)

See Pumps & Accessories Price List for Limited Warranty details.

70 Gallon / Minute (GPM) Max

<table>
<thead>
<tr>
<th>DuraMAC™ Model</th>
<th>Description</th>
<th>Pump Boost</th>
<th>Amps</th>
<th>Voltage</th>
<th>Power</th>
<th>*Pressure Reducing Valve Recommended for installation with incoming pressure greater than:</th>
<th>WL</th>
</tr>
</thead>
<tbody>
<tr>
<td>17044C070PC2-S</td>
<td>230V Booster System</td>
<td>44 PSI</td>
<td>7.0</td>
<td>230 - 60 Hz</td>
<td>2 HP</td>
<td>36 PSI</td>
<td>168</td>
</tr>
<tr>
<td>17060C070PC2-S</td>
<td>230V Booster System</td>
<td>60 PSI</td>
<td>8.0</td>
<td>230 - 60 Hz</td>
<td>2 HP</td>
<td>20 PSI</td>
<td>168</td>
</tr>
</tbody>
</table>

Pressure tank required. See instruction manual for sizing information.

*Many plumbing codes do not recommend system pressure exceeding 80 PSI. Refer to local plumbing codes for maximum boosted pressure.
DuraMAC™ - Dual Mode Simplex

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 three Gallons per Minute.

This smart system will only run the pump when water is in use. There is a preset seven 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 five Gallons per Minute. The pump will stop when the flow is less than three Gallons per Minute.

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 No-Lead Brass
- Motor - Single Phase 2 HP TEFC
- Base 304 Stainless Steel
DuraMAC™ - Dual Mode Duplex

Not all boosting applications require complicated boosting systems. The DuraMAC™ Boosting system is simple, versatile, sophisticated, and reliable. Quite simply, it is the world’s most versatile boosting system for commercial or irrigation use.

Features:
- Easy set-up installation
- Digital control with dual modes of operation
- Durable stainless steel and no-lead brass connections
- TEFC single phase motor for quiet operation
- Electronics separated and sealed from waterway
- Pressure gauge included
- No-Lead brass check valve included
- Designed for Lead-Lag
- Up to 120 GPM
- 20 gallon pressure tank included
- Stainless steel base
- Dry run protection

DuraMAC™ Performance Curve (Additional Boost - Both Pumps Running)

120 Gallon / Minute (GPM) Max

<table>
<thead>
<tr>
<th>DuraMAC™ Model</th>
<th>Description</th>
<th>Pump Boost</th>
<th>Amps</th>
<th>Voltage</th>
<th>Power</th>
<th>*Pressure Reducing Valve Recommended for installation with incoming pressure greater than:</th>
<th>Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>17044C120PC2-D</td>
<td>230V Booster System</td>
<td>44 PSI</td>
<td>7.0</td>
<td>230 - 60 Hz</td>
<td>2 HP</td>
<td>36 PSI</td>
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<tr>
<td>17060C120PC2-D</td>
<td>230V Booster System</td>
<td>60 PSI</td>
<td>8.0</td>
<td>230 - 60 Hz</td>
<td>2 HP</td>
<td>20 PSI</td>
<td>252</td>
</tr>
</tbody>
</table>

Pressure tank required. See instruction manual for sizing information.

*Many plumbing codes do not recommend system pressure exceeding 80 PSI. Refer to local plumbing codes for maximum boosted pressure.
DuraMAC™ - Dual Mode Simplex

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 three Gallons per Minute.

This smart system will only run the pump when water is in use. There is a preset seven-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 five Gallons per Minute. The pump will stop when the flow is less than three Gallons per Minute.

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**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: No-Lead Brass
- Motor - Single Phase: 2 HP TEFC
- Base: 304 Stainless Steel