PD BOX
Pump Stations for Irrigation
PD BOX
PD BOX is our new pump system designed for outdoor installations. All details on this pump station have been designed for all users’ needs.

Extraordinary performance, quiet operation, attention to detail makes PD BOX a state of the art solution.

ENCLOSURE
The external enclosure is strong, compact, and is double powder coated for weather resistance that is perfect for tough, outdoor conditions.

Features:
- Front door allows access to electrical equipment and components.
- Back door access with a wide opening to the pump and piping, for easy maintenance.
- Cooling fan insures to manage temperature inside the enclosure.
- Reinforced pump base that is mounted on rails, allows strength and flexibility to the assembly process.
- Drain holes in the floor.
- Knockouts for conduit installation and electrical service.
THE PUMP

High efficiency pumps:
End suction flanged, cast iron centrifugal pumps:
- Every PD BOX includes the most efficient pump according to the performance needed.
- Motor specially designed to work at high temperatures.
- Pump flanged for easy maintenance operations.

VARIABLE SPEED CONTROLS

Our pump stations are controlled by the most evolved technology in VFD Systems:
- LCD screen for setting up desired parameters.
- User friendly interface to monitor and change parameters as needed.
- BLUETOOTH TECHNOLOGY for remote access to the VFD for start up, maintenance or troubleshooting from an outside location.
- Safety disconnect switch, control box.
- Lightning surge protection on request.

PIPING

Suction and discharge manifolds manufactured in stainless steel AISI 304.
- Suction side 3" threaded connection, ¼" connection for pressure gauge (Standard) or any other control needed.
- Discharge manifold 2" threaded connection, stainless steel 2" ball valve, with female threaded 1/4 port for pressure gauges and any other control needed.
- 2" port for easy priming.
PD BOX

PDBOX1 80G60P

PDBOX2 120G60P

PDBOX3 150G60P

Recommended Operating Conditions

<table>
<thead>
<tr>
<th>MODEL</th>
<th>HP</th>
<th>GPM</th>
<th>CONSTANT PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDBOX1 80G60P</td>
<td>5</td>
<td>80</td>
<td>UP TO 60 PSI</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100</td>
<td>UP TO 55 PSI</td>
</tr>
<tr>
<td></td>
<td></td>
<td>120</td>
<td>UP TO 50 PSI</td>
</tr>
<tr>
<td>PDBOX2 120G60P</td>
<td>7.5</td>
<td>140</td>
<td>UP TO 55 PSI</td>
</tr>
<tr>
<td></td>
<td></td>
<td>150</td>
<td>UP TO 50 PSI</td>
</tr>
<tr>
<td>PDBOX3 150G60P</td>
<td>10</td>
<td>160</td>
<td>UP TO 55 PSI</td>
</tr>
<tr>
<td></td>
<td></td>
<td>170</td>
<td>UP TO 50 PSI</td>
</tr>
</tbody>
</table>

Weights and Dimensions

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDBOX1 80G60P</td>
<td>50 3/4&quot;</td>
<td>412</td>
</tr>
<tr>
<td>PDBOX2 120G60P</td>
<td>50 3/4&quot;</td>
<td>432</td>
</tr>
<tr>
<td>PDBOX3 150G60P</td>
<td>50 3/4&quot;</td>
<td>452</td>
</tr>
</tbody>
</table>

- POWERED BY END SUCTION CENTRIFUGAL 5, 7.5 AND 10 HP.
- POWER SUPPLY 230V / 1PH OR 230-460V / 3 PH.
- VARIABLE SPEED DRIVE CONTROLLERS FOR CONSTANT PRESSURE AND PROTECTION.