Simplicity 70VFD Pump Stations

This self-contained pumping station is a low-maintenance, high-value solution for a large residential or small agricultural, municipal, or commercial irrigation system.

With a variable frequency drive (VFD) and professional-grade pump, the Simplicity 70VFD is an alternative to across-the-line start, which can create pressure changes on low-gallon zones. This system offers a true soft start and soft stop and can be started via pressure or clock start.

1. **VARIABLE FREQUENCY DRIVE WITH SMART SOFTWARE** – Cost saving and environmentally conscience constant pressure flow control, with pump protection features: pressure surges, loss of prime, rapid cycling, dead heading, over pressure, motor overload, low/high voltage, thru door breaker disconnect.

2. **ENCLOSURE** – Powder-coated marine-grade aluminum offers durable, non-corrosive housing to stand up to the elements.

3. **PUMP** – Durable and long lasting centrifugal pumps for boost or suction lift applications, with superior performance to horsepower. Offered in 5 hp, with top-of-the-line components that are only available as costly upgrades on other pumps.

4. **FITTINGS AND ACCESSORIES** – From our rugged pipe and grooved couplings to the long-lasting gauges, valves and electrical components included, the Simplicity 70VFD is complete with everything you need.

5. **SELF COOLING** – Vented for air flow to keep the pump cool.

6. **SECURITY** – Enclosure lockable.
The Simplest Professional-Grade Pump Station

- **Simple specifying** – One part number, one product. It doesn’t get any easier than that.

- **Simple controls** – No throttling valves or dampeners means fewer controls for simpler operation.

- **Simple maintenance** – Lower operating speeds means longer life for bearings and motors, while a soft-start and controlled ramp-up reduces water hammering.

### Dimensions

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>44&quot;</td>
<td>22 1/8&quot;</td>
<td>27 1/4&quot;</td>
</tr>
</tbody>
</table>

### Specifications

<table>
<thead>
<tr>
<th>HP</th>
<th>Incoming Power</th>
<th>Voltage</th>
<th>Starting Method</th>
<th>Discharge in</th>
<th>Suction in</th>
<th>Control</th>
<th>Approx Ship Weight lbs</th>
<th>Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>1ph</td>
<td>208-230-460</td>
<td>PRESSURE/CLOCK</td>
<td>3</td>
<td>3</td>
<td>VFD</td>
<td>232</td>
<td>Simplicity70VFD-5(1)-_____*</td>
</tr>
<tr>
<td></td>
<td>3ph</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>227</td>
<td>Simplicity70VFD-5(3)-_____*</td>
</tr>
</tbody>
</table>

*Specify voltage
Options include: Baseline upgrade, station-less enclosure, and station with bypass.