Residential Simplex Grinder System

1 hp
2" Discharge
Compact simplex system - designed for residential sewage applications
Perfect for basement bathroom additions and remodeling projects
Available in 115V or 230V
Fully assembled from factory

Features:
- Robust system features a compact heavy-duty polyethylene basin and cover
- System can be installed above or below floor level
- 41 gallon capacity
- Patented V-Slice® cutter technology shreds difficult solids such as feminine products, rags, towels and wipes that can jam solids-handling pumps
- Easy access cover with QuickTree® technology – allows for quick float removal and servicing
- Heavy-duty integrated rubber gaskets on covers
- Secure 16 bolt cover standard on all models. Passes 10' stack test

Clear disposable cover protects the system during masonry work and rough-in.
**QuickTree® Technology**

**Features:**  
- QuickTree® technology allows easy access and removal of switches without disturbing pump or plumbing.  
- Integrated rubber seals permanently attached to cover.  
- Unique cord seal technology integrated into the inspection cover.  
- Shallow basin design (24") for easier installation in difficult soil/bedrock locations.  
- Large 41 gallon capacity for longer pump cycles.  
- Integrally molded torque stops secure the pump in its proper position.  
- Integrally molded anti-flotation collar.  
- Durable polyethylene construction.  
- Completely assembled.

### Dimensions

<table>
<thead>
<tr>
<th>231⁄2&quot;</th>
<th>91⁄4&quot;</th>
<th>31⁄4&quot;</th>
<th>243⁄8&quot;</th>
<th>25&quot;</th>
<th>24&quot;</th>
</tr>
</thead>
</table>

### Models:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>HP</th>
<th>VOLTS</th>
<th>PHASE</th>
<th>AMPS</th>
<th>DISCHARGE</th>
<th>CORD LENGTH</th>
<th>WGT LBS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>P382XPRG101</td>
<td>1</td>
<td>115</td>
<td>1</td>
<td>12</td>
<td>2&quot;</td>
<td>10'</td>
<td>87</td>
</tr>
<tr>
<td>P382XPRG102</td>
<td>1</td>
<td>230</td>
<td>1</td>
<td>6</td>
<td>2&quot;</td>
<td>10'</td>
<td>87</td>
</tr>
</tbody>
</table>

See specific PRG-Series literature for complete pump performance and specifications.  
For 25' power cord add "-2" suffix to model number. Example: P382XPRG101-2
ProVore® 380-Series 24" x 24" – 41 Gallons

1 hp. Residential Grinder Package

- Integrated cord seal technology
- Separate inspection cover allows access to switches
- 41 gallon capacity for longer pump cycles in a shallow 24" design
- QuickTree® removable float system allows easy access to switch – separate from pump. Stainless steel rod.
- Molded anti-float collar
- 16 Stainless steel cover bolts
- Integral rubber gaskets permanently attached to cover
- Schedule 80 PVC discharge pipe
- Integrally molded "torque-stops" for pump security

Performance Curve 60 Hz.

<table>
<thead>
<tr>
<th>U.S. Gallons Per Minute</th>
<th>Total Head in Feet</th>
<th>Total Head in Meters</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
<td>3.0</td>
</tr>
<tr>
<td>20</td>
<td>20</td>
<td>6.1</td>
</tr>
<tr>
<td>30</td>
<td>30</td>
<td>9.1</td>
</tr>
<tr>
<td>40</td>
<td>40</td>
<td>12.2</td>
</tr>
<tr>
<td>50</td>
<td>50</td>
<td>15.2</td>
</tr>
<tr>
<td>60</td>
<td>60</td>
<td>18.3</td>
</tr>
</tbody>
</table>

IAPMO Listed Basin

The ProVore® 380 Basin is specifically designed to pass a 10’ stack test and is IAPMO listed.
Riser allows burial of the ProVore®380 System up to a maximum depth of 18” below grade. A convenient chamber for all your pump’s electrical and piping connections – out of sight and below grade. Riser simply slides over the sealed 380 system. Cover is retained by 4 stainless steel bolts and features a twist-lock design with provision for padlock to deter unwanted entry.

Specifications:
- Weight: 28 lbs. (Riser and Cover)
- Riser Height: 18-3/4”
- Total Height with Cover: 20-1/2”
- Diameter: 32”

**MODEL** | **DESCRIPTION**
--- | ---
AR18 | Access Riser
AC18 | Access Riser Cover (Environmental Green)
ARC18 | Kit, Access Riser with Cover
ARCKIT115 | Kit, Access Riser with Cover and 2” installation accessories - 115V
ARCKIT230 | Kit, Access Riser with Cover and 2” installation accessories - 230V
IKIT2-115 | Installation Kit 2”, 115V
IKIT2-230 | Installation Kit 2”, 230V

Liberty’s installation kits provide all the components for a professional installation inside the riser. Kit includes: JB-Series wiring box and hardware, check valve with a disconnect union feature, coupling and elbows (PVC piping not included). Kits available in 2” discharge and vent size only.

**Optional Access Riser**
- Polyethylene Cover
- Padlock Provision
- Polyethylene Riser

Top View

Now, have the assurance of early warning in the event of a high-level condition with an alarm option installed from the factory! We do the work for you by mounting the alarm float in the basin at its proper level – no need to even open the cover! Simply mount the alarm panel in its desired location, supply power and connect the alarm float leads!

**How to Order:**

<table>
<thead>
<tr>
<th>Alarm Model</th>
<th>Add Suffix</th>
<th>Ordering Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALM-2</td>
<td>/A2</td>
<td>P382XPRG101/A2</td>
</tr>
</tbody>
</table>

Alarm float is pre-set at proper level in basin. Alarm panel packaged with unit.

Specifications are subject to change without notice. Copyright © Liberty Pumps, Inc. 2013. All rights reserved. LLIT6711-R10/13