ASCENT™ II
Macerating Toilet System

Featuring RazorCut™ Technology
IST™ Switch Sensing and
CleanConnect™ Seal

The complete system for convenient addition of a bathroom in remodeling projects and additions. Powerful macerating system pumps waste to existing sewer lines in the building or home – *up to 25’ high and 150’ horizontally. Accepts additional lavatory and tub/shower connections for a complete bathroom anywhere!

*Horizontal distance can vary with amount of vertical pumping head. Consult factory for additional sizing and performance information.

Performance
Powerful and quiet, the new RazorCut™ system with stainless steel blades provides superior cutting compared to other macerating toilets.

Appearance
Clean, compact and modular. The new CleanConnect™ seal system eliminates unsightly rubber couplers for connecting the toilet to the macerator box. Rear exiting discharge and vent connectors conceal piping when exiting directly to a wall.

Serviceability
Designed with a new removable access cover, the Ascent™ II is completely serviceable without removing the macerating unit from the toilet or disconnecting plumbing!

Functionality
LEDs inform of power ON, alarm condition or low battery condition. Touchpad buttons allow manual by-pass operation of the unit and alarm silencing.

Code Compliant
Toilet meets ADA standards, ANSI 117.1, 1.28 gallon per flush, EPA WaterSense Macerator meets ASME A112.3.4 and CSA B45.9.

**Ascent™ II**

**Macerator Features**

- **RazorCut™ system** features heavy-duty stainless steel blades
- **Advance run technology** assures macerator blades are running prior to debris entering the cutter basket
- **IST™ switch technology** provides for complete flush-out of debris in the cutter area reducing potential clogging and jamming
- **Solid state electronic switch system** provides intelligent data for system operation and eliminates older style mechanical or diaphragm switches
- **Auxiliary inlets on each side of unit** allow for connection of a lavatory and/or shower. White couplers. Accepts 1-1/2" or 2" pipe
- **Built-in alarm with 9-volt battery backup and push-to-silence switch**
- **LEDs inform of power ON, alarm condition and low alarm battery**
- **Contoured tank design** allows for wall molding to run behind macerator box!

**Horizontal or Vertical Piping?**

QuickFlip™ discharge and vent connectors allow for horizontal or vertical pipe connections. Simply unscrew the connector and rotate 180 degrees for optional connection. Heavy-duty connectors are PVC solvent weld type

- 1" discharge with integral check valve (can be reduced to 3/4")
- 1-1/2" vent

**Cord management system** allows for hidden storage of excess power cord under the cover. No more cinched or twist-tied cable loops hanging outside the system! An 8’ white power cord is provided. Cord can be routed under the cover to exit either the left or right side!

**Removable Service Panel**

- [Image of removable service panel]

**IST™ Intelligent Switch Technology**

The Ascent™ II features solid state switch technology. Strategically located sensors activate the pump and alarm eliminating the need for troublesome diaphragm or mechanical float switches.

**LED display:**

- Power ON • Alarm condition • Low battery condition

**Functional touchpad on top of unit features:**

- **Push-to-Run override** – allows manual run of the macerator overriding the IST™ switch
- **Push-to-Silence switch** – silences the alarm

**Patent:** See www.LibertyPumps.com/patents

**3 Year Warranty**
CleanConnect™ Seal eliminates unsightly rubber accordion style couplers and hose clamps for connection of toilet to the macerator box! Simply slide the macerator box with a robust integral seal onto the hub of the toilet. Macerator sits closer to toilet for a more professional appearance!

**Toilet Features**
- Round or Elongated styles available
- ADA compliant
- HET (High Efficiency Toilet) 1.28 gpf (4.85 lpf)
- Improved flush design for one-flush operation
- White finish
- Installed flush valve kit
- 2-3/4" Trap
- Slow-close toilet seat included with complete system
- Insulated tank eliminates sweating in extreme climates

**Specifications**

- **Hp:** 1/2
- **Volts:** 115
- **Hz:** 60
- **Amps:** 7.9
- **RPM:** 3450

Thermally protected with automatic reset

- **Alarm:** 115V with 9-volt battery backup (battery included)
- **Tank Material:** ABS
- **Cutter Blades:** Stainless Steel 440A hardened to Rockwell 54c
- **Power Cord:** 18-3, 8', white, right-angle plug holds close to wall

- **Maximum Fluid Temperature:** 104°F, 40°C

**Extension Pipe #K001184 (sold separately)**
Includes decorative trim ring for a more professional looking installation. 18' length works with 2" x 4" or 2" x 6" wall.

**Performance**

- **Liters Per Minute**
- **US Gallons Per Minute**

*Note: Maximum shut-off head is 36'. Usable maximum head - assuming 150' of lateral discharge through 1" pipe is 25'. Consult factory for proper sizing and calculation of friction loss.*
### Dimensional Data

**Round front**

**Elongated**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
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</thead>
<tbody>
<tr>
<td>ASCENTII-ESW</td>
<td>Complete system: macerator and elongated toilet - white</td>
<td>121 lbs</td>
</tr>
<tr>
<td>ASCENTII-RSW</td>
<td>Complete system: macerator and round front toilet - white</td>
<td>115 lbs</td>
</tr>
<tr>
<td>ASCENTII-MUW</td>
<td>Macerator unit only</td>
<td>22 lbs</td>
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<tr>
<td>ASCENTII-TW</td>
<td>Toilet tank and lid, insulated with flush valve kit - white</td>
<td>34 lbs</td>
</tr>
<tr>
<td>ASCENTII-EW</td>
<td>Toilet bowl, elongated - white (bowl only)</td>
<td>49 lbs</td>
</tr>
<tr>
<td>ASCENTII-RW</td>
<td>Toilet bowl, round front - white (bowl only)</td>
<td>45 lbs</td>
</tr>
<tr>
<td>K001184</td>
<td>Extension pipe, 4’ x 18’ with integral seal and trim ring</td>
<td>3 lbs</td>
</tr>
</tbody>
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