Description
The UNITED Fire Systems Model CTA-1000-120-SBV is a compressor / tank assembly for use with the NITROGEN-PAC™ M Series sprinkler corrosion inhibiting system. The assembly consists of a 10 HP compressor assembled to a steel 120 gallon vertical tank acting as an air reservoir. The assembly can provide air for 30 minute fill of dry sprinkler piping per NFPA 13, and can supply air to the inlet of a NITROGEN-PAC™ generator for production of purging nitrogen.

Specifications
General
- Weight = 916 lbs.

Motor

<table>
<thead>
<tr>
<th>Voltage (VAC)</th>
<th>Frequency (Hz)</th>
<th>Phase</th>
<th>Current (A)</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>460</td>
<td>60</td>
<td>3</td>
<td>12.5</td>
<td>CTA-1000-120-SBV-460-3</td>
</tr>
<tr>
<td>230</td>
<td>60</td>
<td>3</td>
<td>25.0</td>
<td>CTA-1000-120-SBV-230-3</td>
</tr>
<tr>
<td>208</td>
<td>60</td>
<td>3</td>
<td>26.0</td>
<td>CTA-1000-120-SBV-208-3</td>
</tr>
</tbody>
</table>
- Horsepower = 10 HP

IMPORTANT NOTES FOR CHOICE OF MOTOR
1. To minimize current draw, highest available voltage should be chosen.
2. Power source should supply voltage with minimum possible sag under load.
3. Contact UNITED Fire Systems for guidance as necessary.

Compressor
- Type = Cast Iron, Splash Lubricated
- Two Stage
- Drive = Belt
- Maximum Outlet Pressure = 175 PSIG
- Capacity = 34.4 CFM delivered @ 175 PSIG

Tank
- Type = Vertical, ASME Coded
- Capacity = 120 Gallons
- Outlet Size = 3/4" NPT
- Drain = Auto Drain

Dimensions
Overall = 44" L x 30" W x 75" H
Base Bolt Rectangle = 25.5" x 25.5"

Ordering Information
Model CTA-1000-120-SBV includes:
- Qty. (1) Compressor and Motor
- Qty. (1) Tank
- Qty. (1) Outlet Filter / Regulator with Ball Valve
- Qty. (1) Connection Hose
- Qty. (4) Vibration Pads with Installation Hardware

Maintenance
Maintenance Kit, UFS P/N: 30-500500-002 includes:
- Qty. (2) Filters
- Qty. (2) Quarts of compressor oil