Data Sheet UFS-310C Rev. 3.01 Page 1 of 1

NITROGEN-PAC M SERIES

COMPRESSOR / TANK ASSEMBLY
MODEL SBV-30-6

Description
The UNITED Fire Systems Model SBV-30-6 is a compressor / tank assembly for use with the NITROGEN-PAC™ M Series sprinkler corrosion inhibiting system. The assembly consists of a 3 HP compressor assembled to a steel 60 gallon 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 = 565 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>
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<tr>
<td>460</td>
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<td>3</td>
<td>4.2</td>
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<td>8.5</td>
<td>SBV-30-6-2083</td>
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</tbody>
</table>
- Horsepower = 3 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 = 11.1 CFM delivered @ 175 PSIG

Tank
- Type = Vertical, ASME Coded
- Capacity = 60 Gallons
- Outlet Size = 1/2” NPT
- Drain = Auto Drain

Dimensions
Overall = 34” L x 26” W x 74” H
Base Bolt Square = 23” x 23”

Ordering Information
Model SBV-30-6 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

Maintenance
Maintenance Kit, UFS P/N: 30-500500-001 includes:
- Qty. (1) Filter
- Qty. (2) Quarts of compressor oil

This literature is provided for informational purposes only. United Fire Protection Corporation assumes no responsibility for the product's suitability for a particular application. The product must be properly applied to perform as intended.