58-FLC-36
36 VDC FLOOR CARE PUMP
Flow: With #2 Nozzle: 120 PSI (8.2 BAR), 0.36 GPM (1.35 LPM)
With #6 Nozzle: 75 PSI (5.1 BAR), 0.74 GPM (2.8 LPM)
With #10 Nozzle: 45 PSI (3.1 BAR), 0.96 GPM (3.6 LPM)

FEATURES:
- Series 5800 Pump
- Floor Care Applications
- 36 VDC Operation
- 3/8” NPT Female Ports
- Internal Pressure Bypass
- Sealed Motor to Prevent Moisture Intrusion
- Steel Mounting Plate (Other Types Available)

SPECIFICATIONS:
- MOTOR:
  - TYPE: 36 VDC, Permanent Magnet, Totally Enclosed, Non-Ventilated
  - LEADS: 16 AWG, 12” LONG
  - DUTY CYCLE: See Heat Rise Graph
- PUMP DESIGN:
  - 3 Chamber Diaphragm Pump, Self Priming, Capable of Being Run Dry
- TYPICAL APPLICATION:
  - Floor Care
- MATERIALS:
  - HOUSINGS: Nylon
  - VALVES: Viton
  - DIAPHRAGM: Santoprene
  - FASTENERS: Stainless Steel, Zinc Plated Carbon Steel
- LIQUID TEMPERATURE: 170°F (77°C) Max.
- PUMP CERTIFICATIONS: CE, ROHS
- PRIMING CAPABILITIES: 8 Feet (2.5 Meters)

WEIGHT: 6 lbs.
PERFORMANCE MEASURED WITH FLOODED INLET (0 PSI), 70°F (21°C) AMBIENT AND WATER TEMPERATURE, AND VOLTAGE CONTROLLED AT 36 VDC. POSITIVE INLET PRESSURE WILL INCREASE THE DISCHARGE PRESSURE BY A SIMILAR AMOUNT, FOR A GIVEN FLOW. MAXIMUM INLET PRESSURE IS 60 PSI.

NOTES:
- NOT RECOMMENDED FOR NOZZLES SMALLER THAN NUMBER TWO
- REQUIRES MINIMUM SYSTEM PRESSURE RELIEF VALVE SETTING OF 225 PSI WITH HEATER EQUIPPED UNITS

<table>
<thead>
<tr>
<th>NOZZLE SIZE</th>
<th>DISCHARGE PRESSURE (PSI/Bar)</th>
<th>FLOW (GPM/LPM)</th>
<th>CURRENT (AMPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUMBER 2</td>
<td>120 (8.2)</td>
<td>0.32 (1.21)</td>
<td>2.75</td>
</tr>
<tr>
<td>NUMBER 6</td>
<td>75 (5.1)</td>
<td>0.74 (2.80)</td>
<td>2.08</td>
</tr>
<tr>
<td>NUMBER 10</td>
<td>45 (3.1)</td>
<td>0.96 (3.63)</td>
<td>1.67</td>
</tr>
</tbody>
</table>

ALL PERFORMANCE AND HEAT RISE FIGURES ARE APPROXIMATE. ACTUAL VALUES WILL VARY WITH AMBIENT CONDITIONS.