58-FLC-24
24 VDC FLOOR CARE PUMP
Flow: With #2 Nozzle: 100 PSI (6.8 BAR), 0.3 GPM (1.14 LPM)
With #6 Nozzle: 40 PSI (2.7 BAR), 0.58 GPM (2.2 LPM)
With #10 Nozzle: 20 PSI (1.4 BAR), 0.68 GPM (2.6 LPM)

FEATURES:
- Series 5800 Pump
- Floor Care Applications
- 24 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: 24 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 FT (2.5 Meters)

WEIGHT: 6 lbs.

Aquatec International, Inc.
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www.aquatec.com
PERFORMANCE MEASURED WITH FLOODED INLET (0 PSI), 70°F (21°C) AMBIENT AND WATER TEMPERATURE, AND VOLTAGE CONTROLLED AT 24 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>100 (6.8)</td>
<td>0.3 (1.14)</td>
<td>2.75</td>
</tr>
<tr>
<td>NUMBER 6</td>
<td>40 (2.7)</td>
<td>0.58 (2.2)</td>
<td>2.08</td>
</tr>
<tr>
<td>NUMBER 10</td>
<td>20 (1.4)</td>
<td>0.68 (2.6)</td>
<td>1.67</td>
</tr>
</tbody>
</table>

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