58-FLC-220
220 PSI, 115VAC FLOOR CARE PUMP

Flow: With #2 Nozzle: 175 PSI, .55 GPM
With #4 Nozzle: 130 PSI, .84 GPM
With #6 Nozzle: 90 PSI, .98 GPM

FEATURES:
Series 5800 Pump
Floor Care Applications
115 VAC Operation
3/8” NPT Female Ports
Pressure Switch Set to 220 PSI
Internal Pressure Bypass
Sealed Motor to Prevent Moisture Intrusion
Steel Mounting Plate (Other Types Available)

SPECIFICATIONS:

- MOTOR:
  - TYPE: 115 VAC, 60 HZ, Permanent Magnet, Totally Enclosed, Non-Ventilated
  - LEADS: 18 AWG, 12” LONG
  - TEMP. LIMITS: For User Safety, Optimal Performance, and Maximum Motor Life, This Motor is Equipped with a Thermal Protector that Limits the Motor Shell Temperature to 215°F (102°C), as Shown on the Heat Rise Graph.
  - 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: UL Recognized (UR E225352)

- PRIMING CAPABILITIES: 9 Feet

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PERFORMANCE MEASURED WITH FLOODED INLET (0 PSI), 70°F (21°C) AMBIENT AND WATER TEMPERATURE, AND VOLTAGE CONTROLLED AT 115 VAC. 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 275 PSI WITH HEATER EQUIPPED UNITS

THE MOTOR DRIVING THIS PUMP HAS A BUILT IN THERMAL PROTECTOR THAT WILL OPEN, SHUTTING OFF THE PUMP, WHEN THE SURFACE TEMPERATURE OF THE MOTOR HEATS TO APPROXIMATELY 215°F. MOTORS OF THIS SIZE AND CONSTRUCTION REQUIRE 15 TO 30 MINUTES OF COOLING TIME BEFORE THE THERMAL PROTECTOR CLOSES AND RE-ENERGIZES THE PUMP. LOWER CURRENT LEVELS HEAT MORE SLOWLY, ALLOWING LONGER RUN TIMES, BUT THE COOL DOWN TIME STILL AVERAGES ABOUT 30 MINUTES, AT 70°F AMBIENT TEMPERATURE.

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