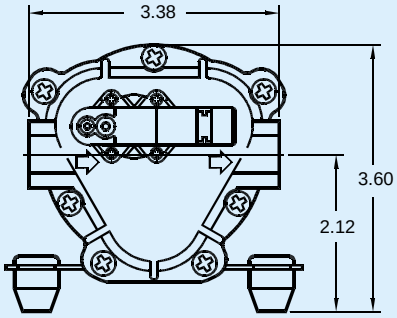
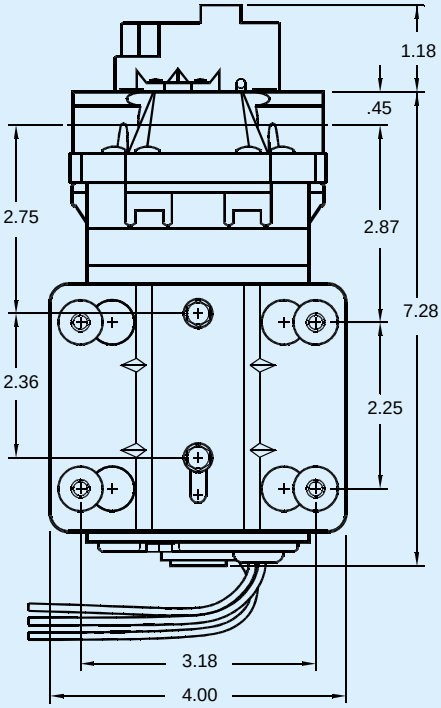
58-FLC-220

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





WEIGHT: 6 lbs.

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

aquatec

Aquatec International, Inc.
17422 Pullman Street, Irvine, CA 92614
Sales: 949-225-2200 Fax: 949-225-2222
www.aquatec.com

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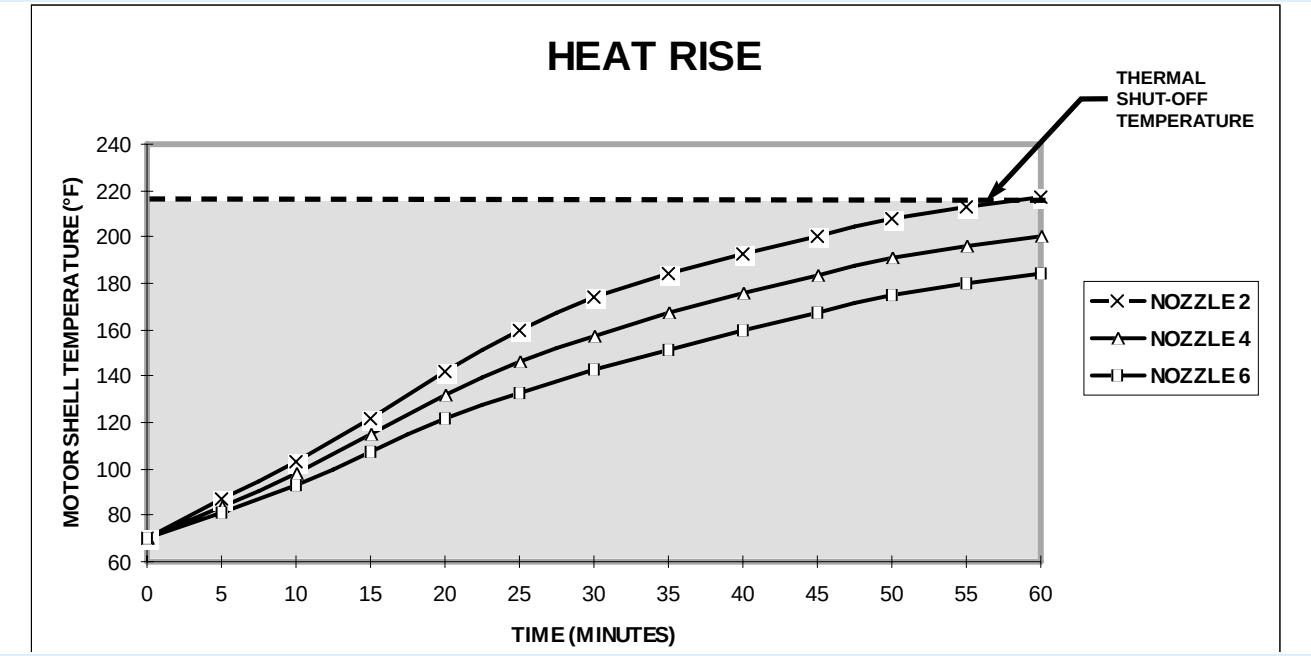
PERFORMANCE DATA			
NOZZLE SIZE	DISCHARGE PRESSURE (PSI)	FLOW (GPM)	CURRENT (AMPS)
NUMBER 2	175	0.55	1.55
NUMBER 4	130	0.84	1.37
NUMBER 6	90	0.98	1.16

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.