

Models: PFU31, PFU51, PFU71, PFU102

Features:

or use in Decorative Water Displays

- **DISCHARGE:** 1-3/4" Hose Connection, 90° Rotation and 1" NPT Female
- **LIQUID TEMPERATURE:** 145°F Continuous
- **VOLUTE:** Brass
- **INTERMEDIATE:** Brass
- **HOUSING END PIECE:** Brass
- **HOUSING TUBE:** 304 Stainless Steel
- **SCREEN:** 304 Stainless Steel
- **PUMP SUPPORTS:** 304 Stainless Steel
- **IMPELLER:** 1/3 & 1/2HP - Four Vane, Open, Brass
3/4 & 1 HP - Six Vane Open, Brass
- **SHAFT:** 416 Stainless Steel
- **O-RINGS:** Buna-N
- **HARDWARE:** 300 Series Stainless Steel
- **SEAL:** Single mechanical, Carbon/Ceramic/Buna-N
- **POWER CORD:** 12 Ft., SOW, 16/3, 0.395" Dia.
- **BEARING - MOTOR END:** Single row, ball, Oil Lubricated
- **BEARING - PUMP END:** Single row, ball, Oil Lubricated
- **MOTOR:** Class H insulation, NEMA B design, Oil filled, Squirrel Cage Induction, Single phase, Permanent Split Capacitor (PSC), Includes Overload Protection in Motor
- **WARRANTY:** 1 year

 **WARNING: CANCER AND REPRODUCTIVE HARM-**
WWW.P65WARNINGS.CA.GOV



**Submersible Fountain
1-3/4" Hose Connection
or 1" NPT Female**



Vacuum Pressure Impregnation "VPI" Sealed Insulation System

VPI motor enhancement system was developed to greatly extend the winding life expectancy of an electric motor. The motor stator is loaded into a pressure vessel and immersed in the specialty selected varnish. All gas pockets located within the stator are evacuated under vacuum. The varnish is drawn into the stator core, completely occupying all voids in the winding. Following

a series of processes, ending in a controlled bake, the winding is 100% impregnated and sealed. VPI is greatly superior to the "dip and bake" method which may provide only 50% to 70% of effective insulation leaving voids and air pockets. VPI provides 100% solid mass structure which provides the greatest mechanical strength and a cooler running motor due to superior heat dissipation.

MODEL	HP	Hz	Volts/Ph	RPM	Full Load Amps	Locked Rotor Amps	NEMA Start Code
PFU31	1/3	60	115/1	3450	8.0	21.0	J
PFU51	1/2	60	115/1	3450	9.5	21.0	E
PFU71	3/4	60	115/1	3450	12.0	28.0	D
PFU102	1	60	230/1	3450	7.0	21.0	E



Power-Flo Pumps & Systems

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Decorative Water Pumps - 1/3, 1/2, 3/4 & 1HP - 3450RPM - 60Hz

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Page
1
Rev.
02/2021

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