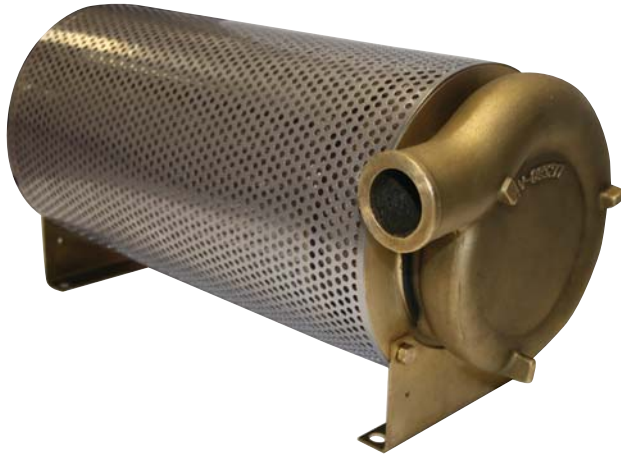


Submersible Fountain Pumps 1-3/4" Hose Connection, 1/3, 1/2, 3/4 & 1HP



DISCHARGE	1-3/4" Hose Connection, 90° Rotation and 1" NPT Female
LIQUID TEMPERATURE	145°F (63°C) Continuous
VOLUTE	Brass
INTERMEDIATE	Brass
HOUSING TUBE	304 Stainless Steel
HOUSING END PIECE	Brass
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.
MOTOR END BEARING	Single Row, Ball, Oil Lubricated
PUMP END BEARING	Single Row, Ball, Oil Lubricated
MOTOR	Oil Filled, Squirrel Cage Induction, NEMA B Design, Class H Insulation
SINGLE PHASE	Permanent Split Capacitor (PSC), Includes Overload Protection in Motor

**Series: PFU31 • PFU51,
PFU71 • PFU102**

**1/3, 1/2, 3/4 & 1HP
3450 RPM • 60 Hz
Submersible Fountain Pumps**

Description

For use in Decorative Water Displays

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.

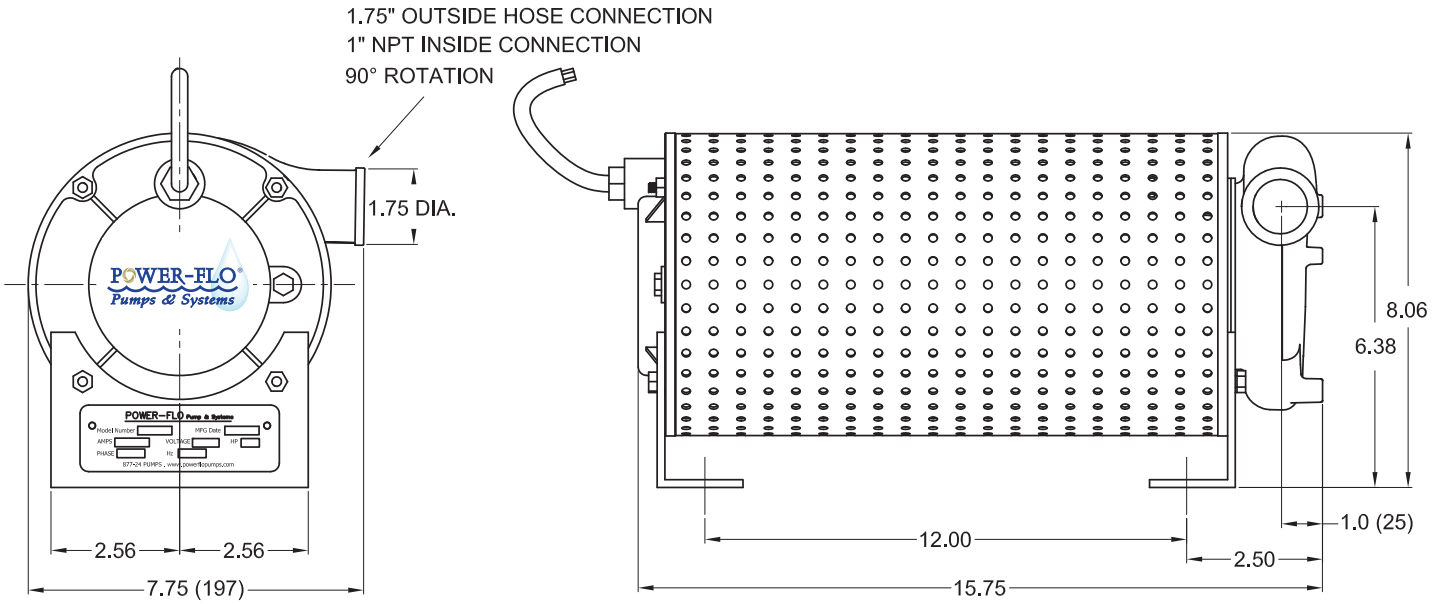
VPI is greatly superior to the "dip and bake" method which may provide only 50% to 70% of effective insulation leaving voids and air pockets. VPI provides 100% solid mass structure which provides the greatest mechanical strength and a cooler running motor due to superior heat dissipation.



Series: PFU



Submersible Fountain Pumps 1-3/4" Hose Connection, 1/3, 1/2, 3/4 & 1HP



MODEL	HP	Hz	Volts/Ph	RPM	Full Load Amps	Locked Rotor Amps	NEMA Start Code	Cord Type	Cord Size	Cord O.D.
PFU31	1/3	60	115/1	3450	8.0	21.0	J	SOW	16/3	0.395
PFU51	1/2	60	115/1	3450	9.5	21.0	E	SOW	16/3	0.395
PFU71	3/4	60	115/1	3450	12.0	28.0	D	SOW	16/3	0.395
PFU102	1	60	230/1	3450	7.0	21.0	E	SOW	16/3	0.395

