



**Series:  
V01000 & V01300**

**Submersible Dewatering Pumps  
2" NPT Female Discharge**



**Series:  
V01000  
0.75hp**

**V01300  
1.0hp**



V-Power pumps are compact, lightweight powerful Portable Electric Submersible Pumps. They are whisper quiet and will perform in any position. V-Power pumps can be staged in series for higher head applications.

The V-Power in-line design assures maximum heat transferred to the pumped liquid. V-Power pumps can operate in up to 140°F (60°C) temperature water. V-Power design provides the coolest operating motor for maximum life.

Consult the factory prior to pumping fluids other than water for professional instructions.

**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.

<b>DISCHARGE CASE</b>	Aluminum, Hard Anodized
<b>DIFFUSER</b>	Aluminum, Hard Anodized
<b>SUCTION CASE</b>	Aluminum, Hard Anodized, with wear resisitant polyurethane liner
<b>FRAME &amp; OUTER CASE</b>	Aluminum, Hard Anodized
<b>PUMP SHAFT</b>	Stainless Steel
<b>IMPELLER</b>	Polyurethane
<b>HARDWARE</b>	Stainless Steel
<b>O-RINGS</b>	Buna-N
<b>SEAL</b>	Tandem mechanical, Oil lubricated
<b>INBOARD</b>	Material: Rotating Face - Carbon Stationary Face - Ceramic Elastomer - Buna-N Hardware - 300 Series Stainless
<b>OUTBOARD</b>	Material: Rotating Face - Silicon Carbide Stationary Face - Silicon Carbide Elastomer - Viton® Hardware - 300 Series Stainless
<b>STRAINER</b>	Stainless Steel, 3/16" Holes
<b>UPPER BEARNG</b>	Single Row, Shielded, Ball Lubrication: Prelubricated high-temperature grease Load: Radial
<b>LOWER BEARING</b>	Single Row, Shielded, Ball Lubrication: Prelubricated high-temperature grease Load: Radial & Thrust
<b>CORD ENTRY</b>	25 Ft. with Strain Relief and Pressure Grommet for Sealing
<b>MOTOR</b>	Insulation: Class H
<b>CONTROL</b>	1 Phase - NEMA 4 Watertight 3 Phase - NEMA 3R Rainproof

MODEL	POWER CORD WEIGHT	CONTROL BOX WEIGHT	PUMP ONLY WEIGHT	SHIPPING WEIGHT
3/4 hp	4.4 lbs	8.8 lbs	24.3 lbs	44 lbs
1 hp	4.4 lbs	8.8 lbs	26.5 lbs	48 lbs

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.



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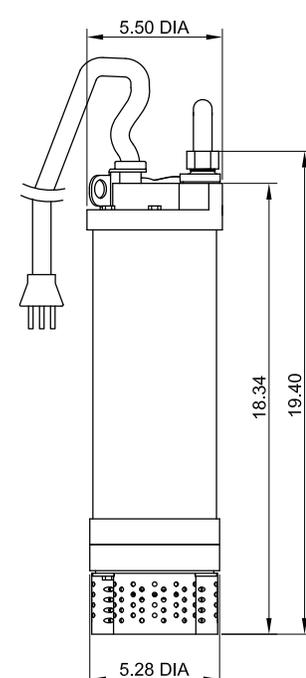
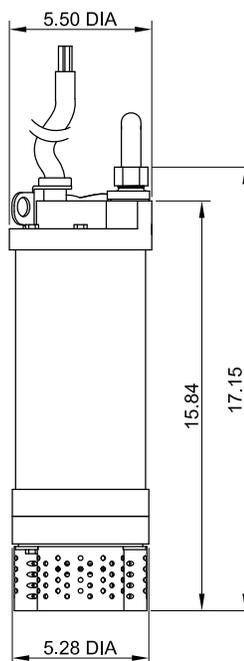
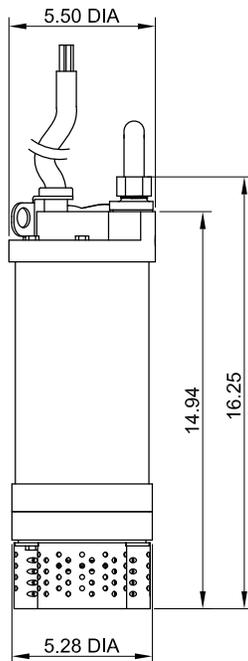
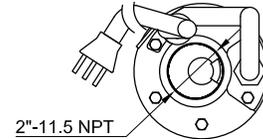
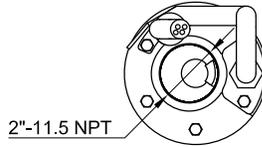
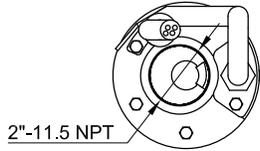


**Submersible Dewatering Pumps**  
**2" NPT Female Discharge**

**V01011, V01012, V01032, V01034 &**  
**V01311, V01312, V01332, V01334**

**V01311A Series**

**V01311SC Series**



MODEL No.	HP	VOLT/PH	Hz	RPM	NEMA START CODE	FULL LOAD AMPS	LOCKED ROTOR AMPS	CORD SIZE	CORD TYPE	MAX CORD LENGTH (FT)
<b>STANDARD NEMA 4 WATERTIGHT CONTROL ON 1 PH UNITS &amp; NEMA 3R RAINPROOF CONTROL ON 3 PH UNITS</b>										
V01011	.75	115/1	60	3450	G	11.0	36.2	14/4	SOW	100
V01012	.75	230/1	60	3450	G	5.8	18.1	14/4	SOW	350
V01032	.75	230/3	60	3450	J	3.6	15.0	14/4	SOW	700
V01034	.75	460/3	60	3450	J	1.8	7.5	14/4	SOW	2800
V01311	1.0	115/1	60	3450	D	12.0	42.0	14/4	SOW	90
V01311A	1.0	115/1	60	3450	D	12.0	42.0	14/4	SOW	90
V01311SC	1.0	115/1	60	3450	D	12.0	42.0	14/4	SOW	90
V01312	1.0	230/1	60	3450	D	7.5	22.0	14/4	SOW	300
V01332	1.0	230/3	60	3450	G	4.3	15.0	14/4	SOW	650
V01334	1.0	460/3	60	3450	G	1.9	7.5	14/4	SOW	2700

Note: V01311SC offers self contained capacitors eliminating the need for an external control box.

**IMPORTANT APPLICATION INFORMATION !**

1) FOR THOSE APPLICATIONS SPECIFIED AS CLASS I DIVISION II HAZARDOUS LOCATIONS THIS PUMP AND CONTROL SUPPLIED ARE NOT APPROPRIATE FOR HAZARDOUS LOCATIONS.

2) INSTALLATIONS SUCH AS DECORATIVE WATER FEATURES MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ANSI/NFPA 70. THIS PUMP IS NOT INTENDED FOR USE IN RECREATIONAL WATER PARKS, SWIMMING POOLS, OR INSTALLATIONS IN WHICH HUMANS ARE IN CONTACT WITH THE PUMPED FLUID.

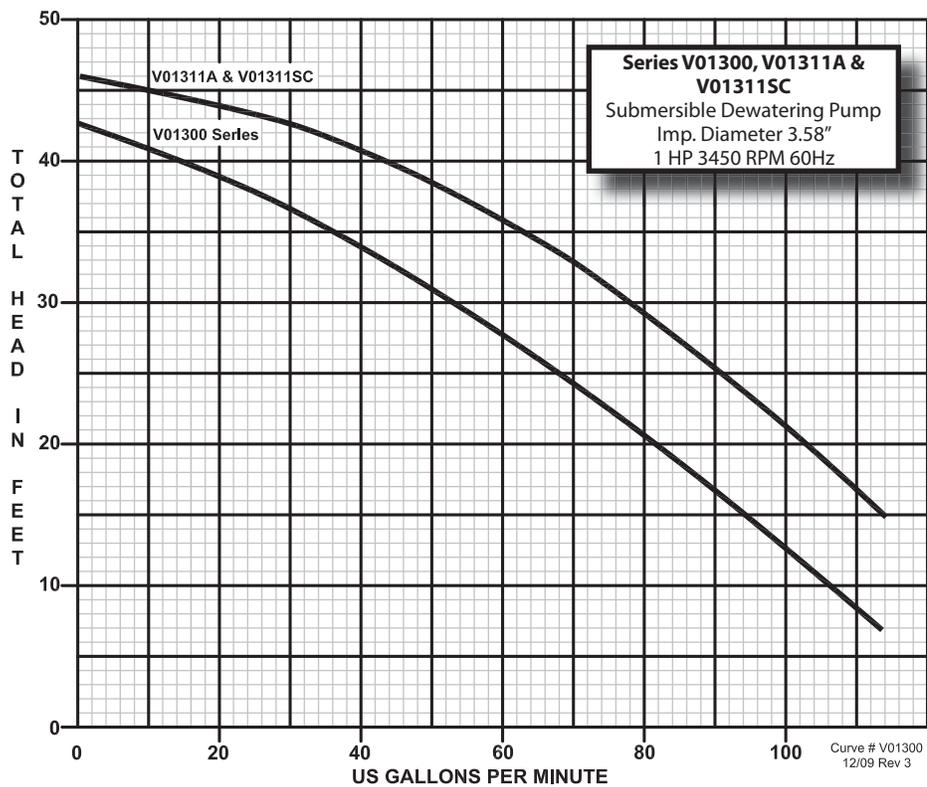
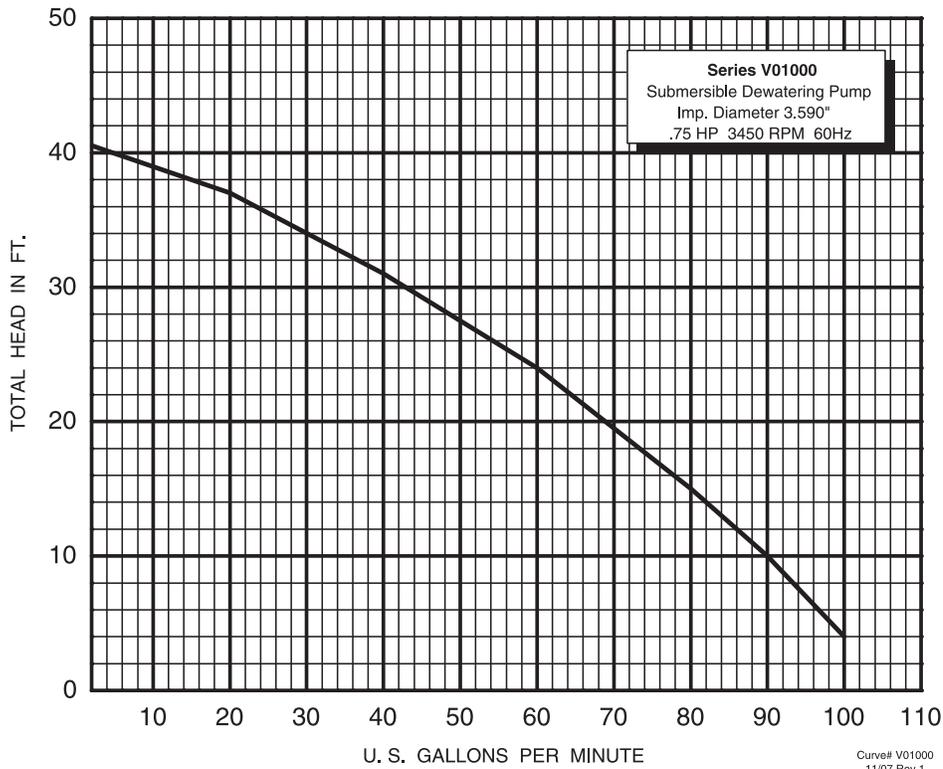


**V-Power Equipment, Inc. • 888-830-8025 • www.vpowerequip.com**



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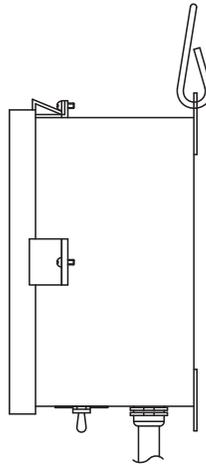
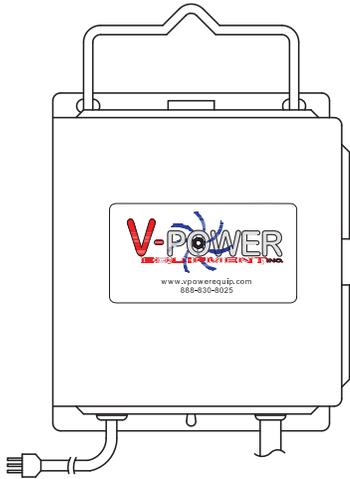


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**NEMA 4 Control Box (1PH) 0.75-1.0Hp**



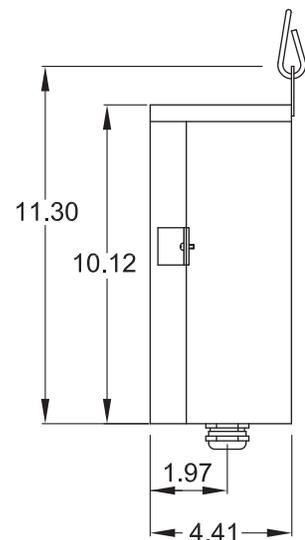
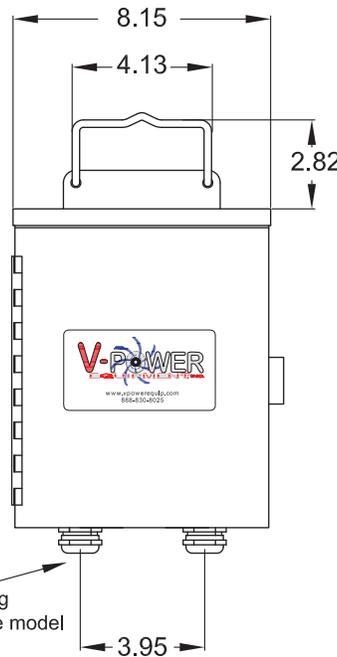
**1 PHASE NEMA 4 WATERTIGHT CONTROL**

Pump P/N:	Control P/N
V01011	V101811N4
V01012	V101812N4
V01311	V101811N4
V01312	V101812N4

**NEMA 3R Control Box (3PH) 0.75-1.0Hp**

**3 PHASE NEMA 3R RAINPROOF CONTROL**

Pump P/N:	Control P/N
V01032	V075832
V01332	V100832
V01034	V100834
V01334	V100834



non-plug  
three phase model  
control box.

