



Series: V20000-V25000-V27000-V35000

**Submersible Dewatering Pumps
2" NPT & 3" NPT, Female Discharge**



Series:
V20000, V25000
V27000 & V35000

2.0HP, 2.5HP,
2.75 & 3.5HP

1Ph & 3Ph



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.

DISCHARGE CASE	Aluminum, Hard Anodized, 3" w/2" adapter
DIFFUSER	Aluminum, Hard Anodized
SUCTION CASE	Aluminum, Hard Anodized, with wear resistant polyurethane liner
FRAME & OUTER CASE	Aluminum, Hard Anodized
WEAR PLATE	Polyurethane
PUMP SHAFT	Stainless Steel
IMPELLER	Hardened 17-4 Stainless Steel
HARDWARE	Stainless Steel
O-RINGS	Buna-N
SEAL	Tandem mechanical, Oil lubricated
INBOARD	Material: Rotating Face - Carbon Stationary Face - Ceramic Elastomer - Buna-N Hardware - 300 Series Stainless
OUTBOARD	Material: Rotating Face - Silicon Carbide Stationary Face - Silicon Carbide Elastomer - Buna-N Hardware - 300 Series Stainless
STRAINER	Stainless Steel, 1/4" Holes
UPPER BEARING	Single Row, Shielded, Ball Lubrication: Prelubricated high-temperature grease Load: Radial
LOWER BEARING	Single Row, Shielded, Ball Lubrication: Prelubricated high-temperature grease Load: Radial & Thrust
CORD ENTRY	50Ft. with Strain Relief and Pressure Grommet for Sealing
MOTOR	Insulation: Class H
CONTROL	NEMA 3R Rainproof. NEMA 4 Optional

MODEL	POWER CORD WEIGHT	CONTROL BOX WEIGHT	PUMP ONLY WEIGHT	SHIPPING WEIGHT
2 hp	13.2 lbs	8.8 lbs	49.5 lbs	80 lbs
2-1/2 hp	13.2 lbs	8.8 lbs	49.5 lbs	80 lbs
2-3/4 hp	13.2 lbs	8.8 lbs	49.5 lbs	80 lbs
3-1/2 hp	13.2 lbs	8.8 lbs	63.8 lbs	95 lbs

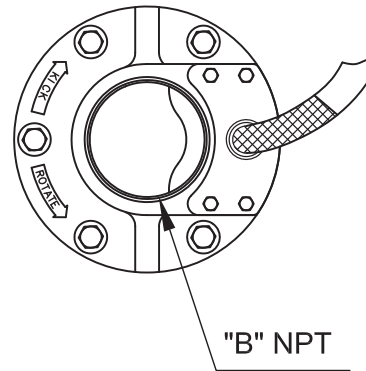
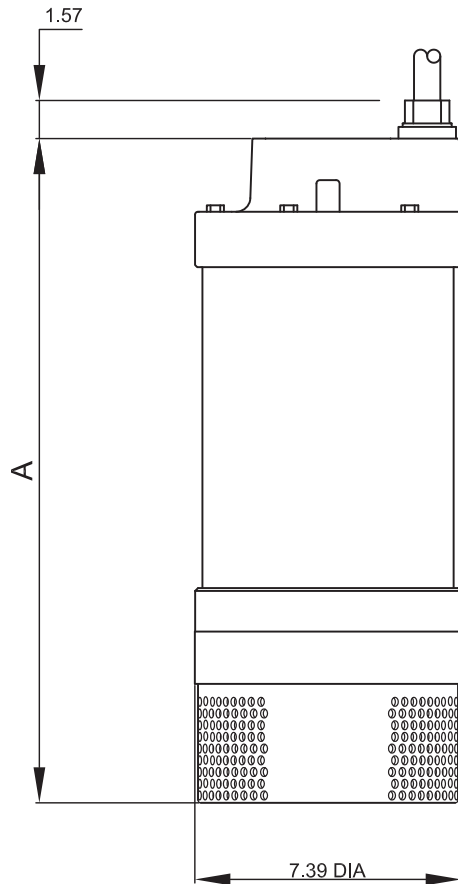
VPI is greatly superior to the "dip and bake" method which may provide only 50% to 70% of effective insulation leaving voids and air pockets. VPI provides 100% solid mass structure which provides the greatest mechanical strength and a cooler running motor due to superior heat dissipation.



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PUMP SERIES	HP	DIM "A"	"B" NPT
V20000	2	18.00	2" & 3"
V25000	2.5	21.44	2" & 3"
V27000	2.75	18.00	2" & 3"
V35000	3.5	21.44	2" & 3"

MODEL #	HP	VOLT/PH	Hz	RPM	NEMA START CODE	FULL LOAD AMPS	LOCKED ROTOR AMPS	CORD SIZE	CORD TYPE	MAX CORD LENGTH (FT)
V20111	2.0	115/1	60	3450	F	23.3	92.4	12/4	SOW	125
V20112	2.0	230/1	60	3450	G	11.7	51.1	12/4	SOW	196
HH SERIES W/ NEMA 3R RAINPROOF CONTROL										
V25132HH	2.5	230/3	60	3450	J	6.8	49.2	12/4	SOW	500
V25134HH	2.5	460/3	60	3450	J	3.4	24.6	12/4	SOW	2075
HV SERIES W/ NEMA 3R RAINPROOF CONTROL										
V25132HV	2.5	230/3	60	3450	J	7.8	49.2	12/4	SOW	500
V25134HV	2.5	460/3	60	3450	J	3.9	24.6	12/4	SOW	2075
V27112HV	2.75	230/1	60	3450	D	12.5	52.6	12/4	SOW	190
V35112HV	3.5	230/1	60	3450	F	18.5	84.1	12/4	SOW	190

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.

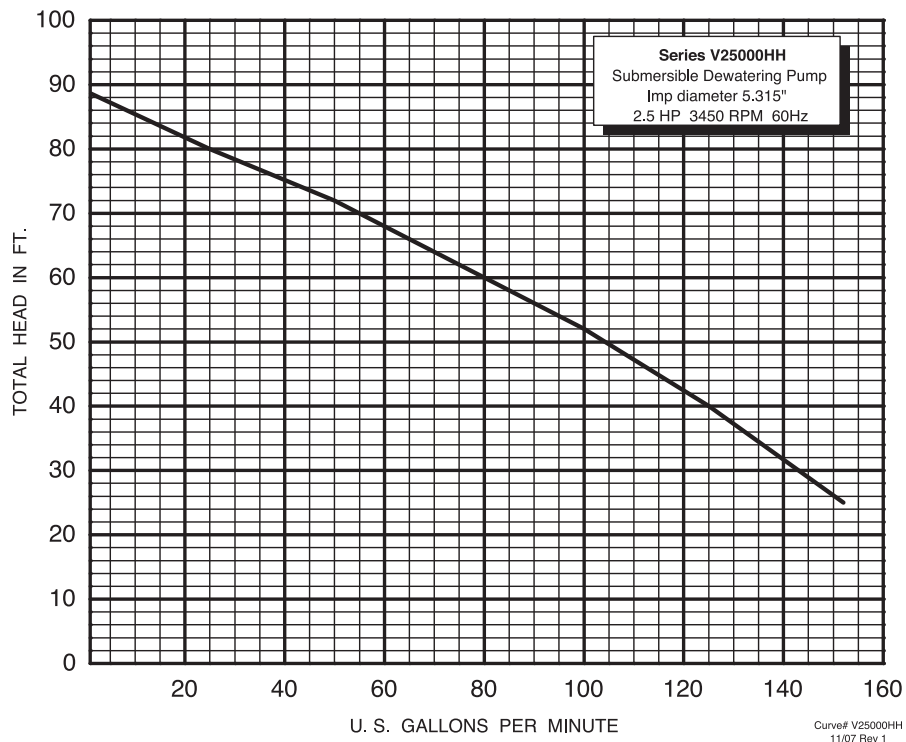
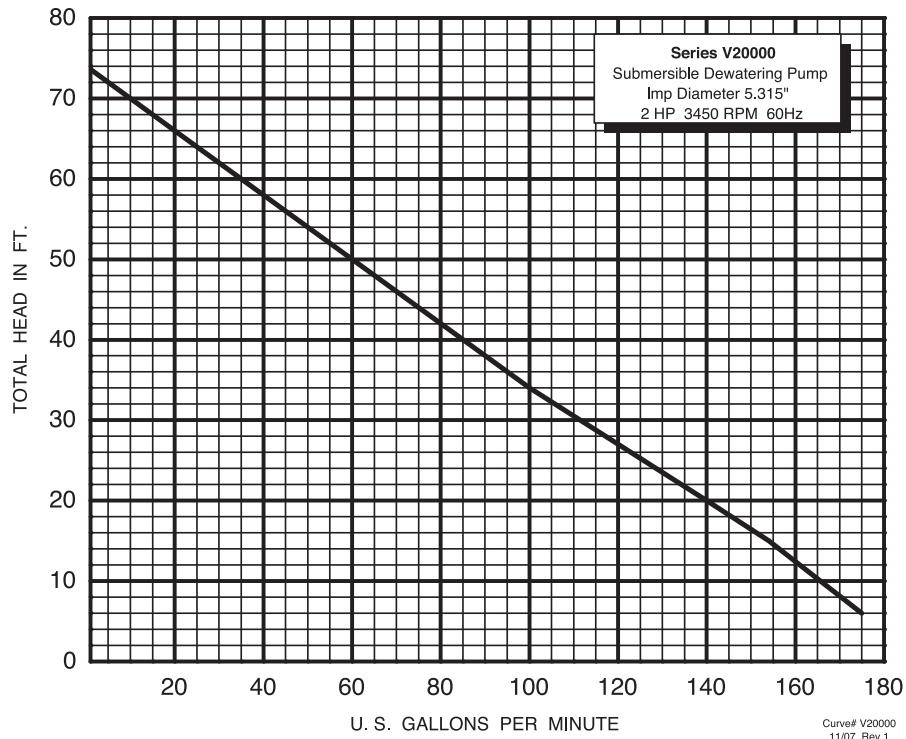


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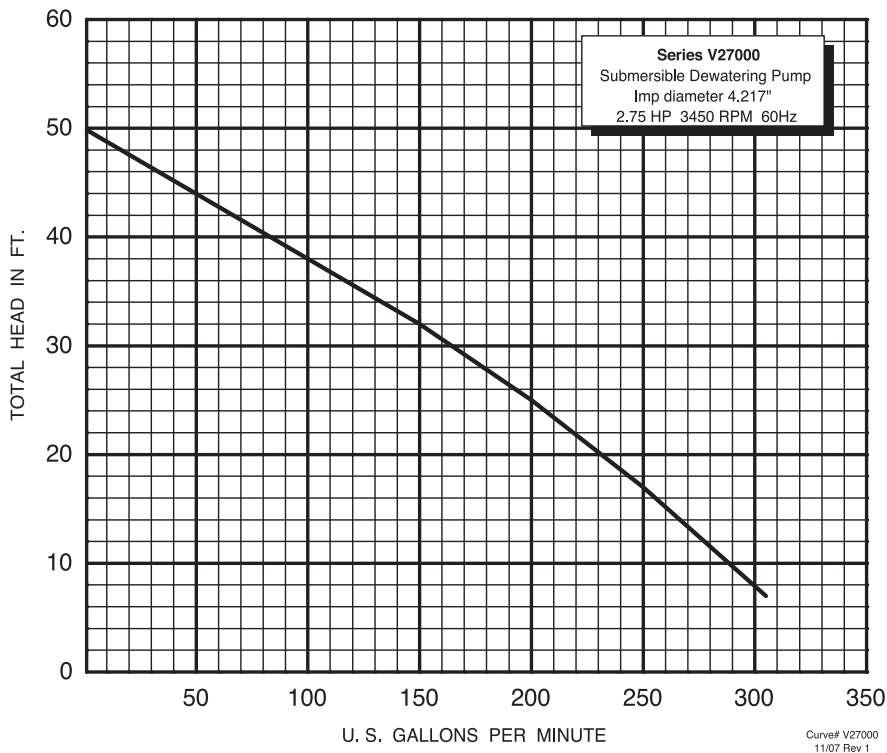
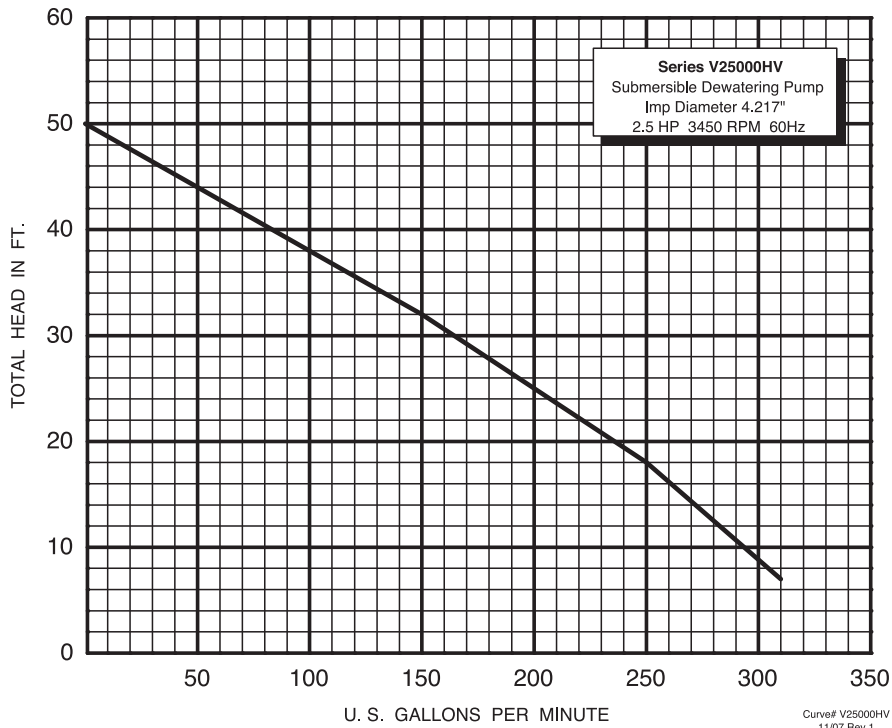
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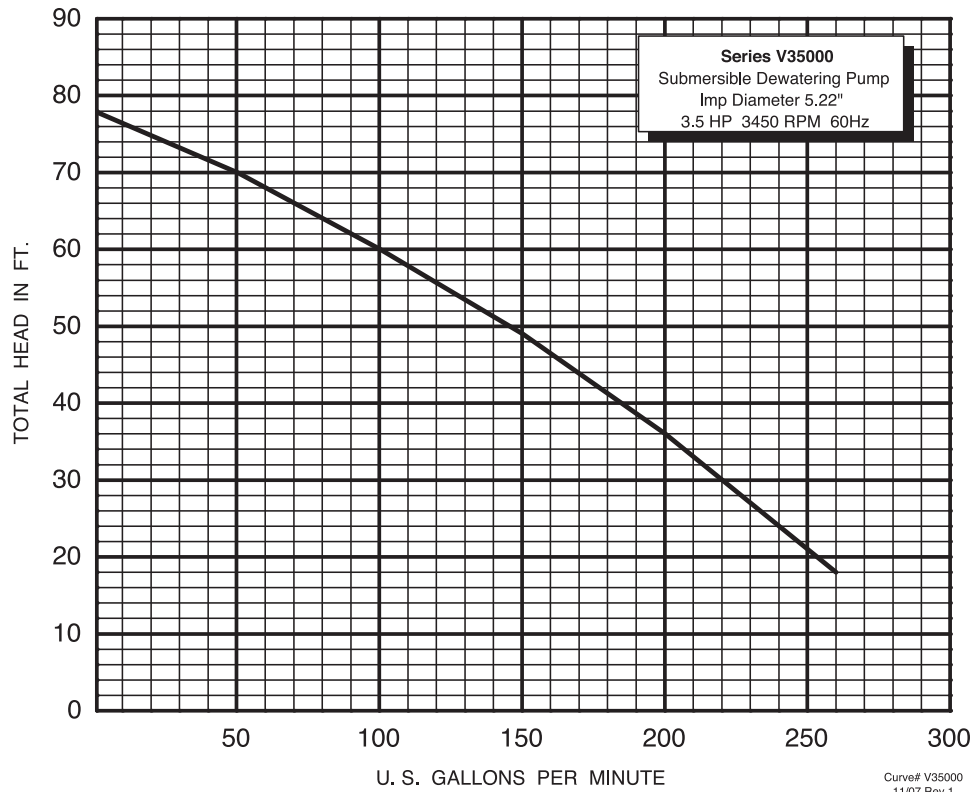
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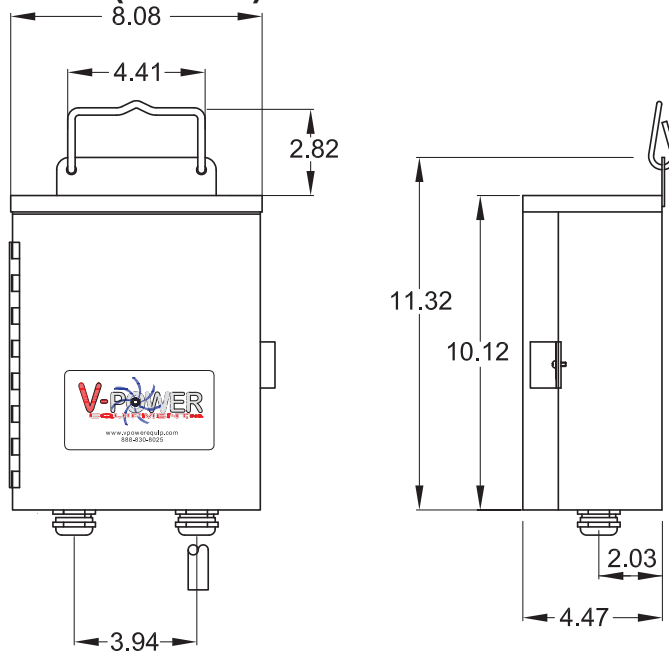


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2 hp, 2-1/2 hp, 2-3/4 hp, 3-1/2hp (1 Phase) Control Box



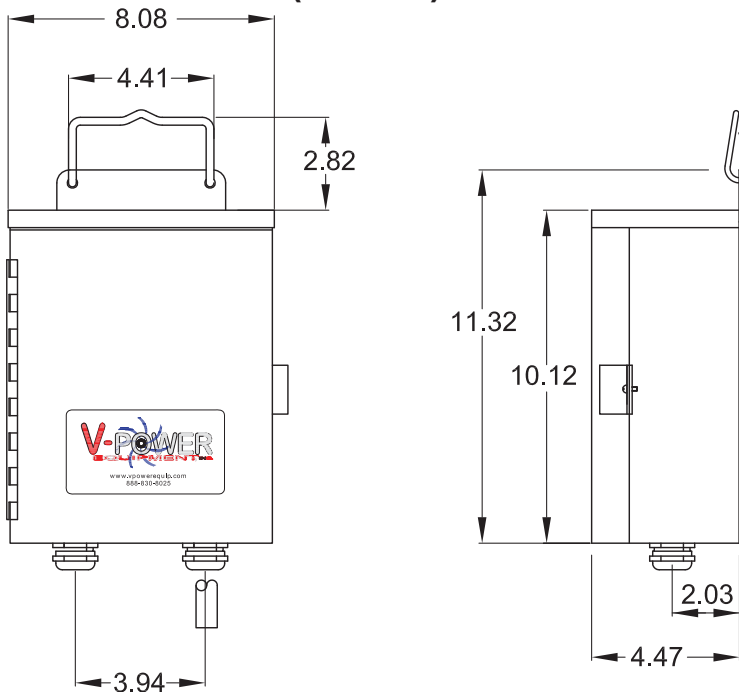
NEMA 3R RAINPROOF CONTROLS

Pump P/N:	Control P/N
V25132	V500834
V25134	V075832
V20111	V200811
V20112	V200812
V27112	V270812
V35112	V350812

NEMA 4 WATERTIGHT CONTROLS Optional (Not Shown)

Pump P/N:	Control P/N
V25132	V500834-4
V25134	V075832-4
V20111	V200811-4
V20112	V200812-4
V27112	V270812-4
V35112	V350812-4

2 hp, 2-1/2 hp, 2-3/4 hp, 3-1/2hp (3 Phase) Control Box



*Please Note:
HH & HV models utilize same control

