

# VLE 18G

## "in-line" multi-stage pumps

Compact multi-stage pumps, in stainless steel, with suction and delivery ports "in line". They can be installed in a horizontal or vertical position, or completely submerged. The enclosed design also eliminates any possibility of water escaping.



### RANGE OF PERFORMANCE

Maximum capacity 23 gpm  
Head up to 348 ft

### LIMITS OF USE

Manometric suction lift up to 23 ft  
Liquid temperature up to 104°F

### CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1  
IEC 335-1  
CEI 61-150

EN 60034-1  
IEC 34-1  
CEI 2-3



### INSTALLATION AND USE

They are recommended for pumping clean water and liquids that are chemically non aggressive to the materials from which the pump is made.

THEIR RELIABILITY AND QUIET RUNNING MAKE THEM SUITABLE FOR DOMESTIC AND CIVIL APPLICATIONS AND, BECAUSE THE PUMP IS FULLY SUBMERSIBLE WITH THE MOTOR COOLED BY THE PUMPED LIQUID, IT CAN BE USED SAFELY IN WET AREAS AND IN SPACES WITH INSUFFICIENT VENTILATION. THE ENCLOSED DESIGN ALSO ELIMINATES THE POSSIBILITY OF WATER ESCAPING AS A RESULT OF SEAL FAILURE, MAKING IT SUITABLE FOR USE IN CARPETED OR OTHER DELICATE ENVIRONMENTS. OUTDOORS APPLICATIONS.

**GUARANTEE 2 YEAR** subject to our general terms of sale.

### CONSTRUCTION CHARACTERISTICS

**OUTER CASE AND MOTOR SUPPORT:** stainless steel AISI 304 case with threaded ports.

**IMPELLERS AND DIFFUSORS:** technopolymer.

**DIAPHRAGMS:** stainless steel AISI 304, complete with anti-wear rings.

**MOTOR SHAFT:** stainless steel EN 10088-3 - 1.4104.

**DOUBLE SEAL:** mechanical seal silicon carbide-NBR, with oil barrier chamber and inner lip seal to protect the seal in the event of dry running.

**SCREWS:** stainless steel AISI 304.

**MOTOR:** electric, asynchronous for continuous duty.

**VLE:** single-phase 230V - 60 Hz with thermal overload protector built into windings below 1.5 Hp. The 2 Hp motor has an external overload protector (with manual reset) incorporated into the control box.

**VLE:** three-phase 230V - 60 Hz.

**INSULATION:** class F. • **PROTECTION:** IP 68.

#### STANDARD FEATURES:

**VLE 18G** (single-phase) 6 ft power cord type "H07 RN-F"

Control box with capacitor.

**VLE 18G** (three-phase) 6 ft power cord type "H07 RN-F"

### OPTIONS ON REQUEST

other voltages or frequency 50 Hz

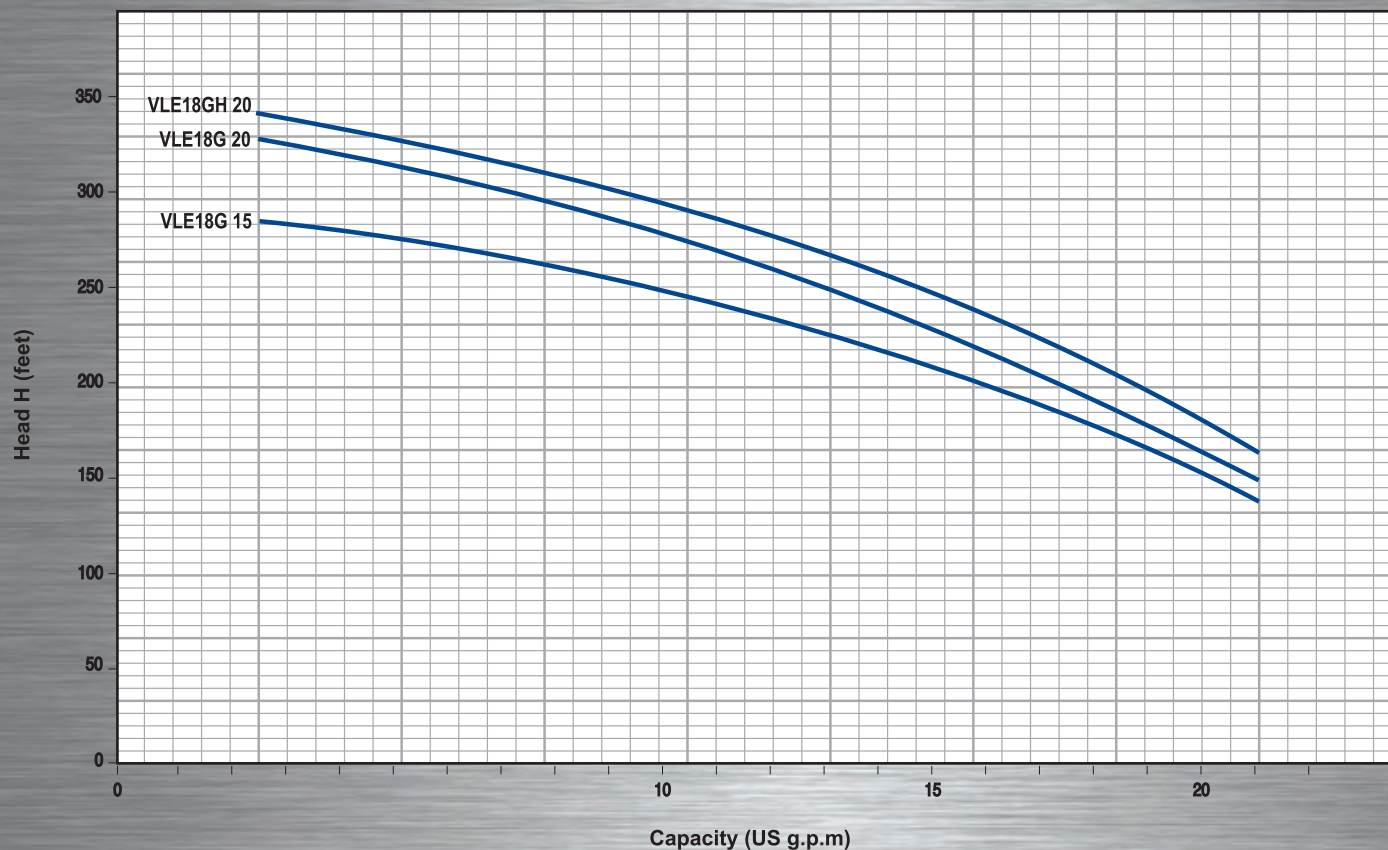


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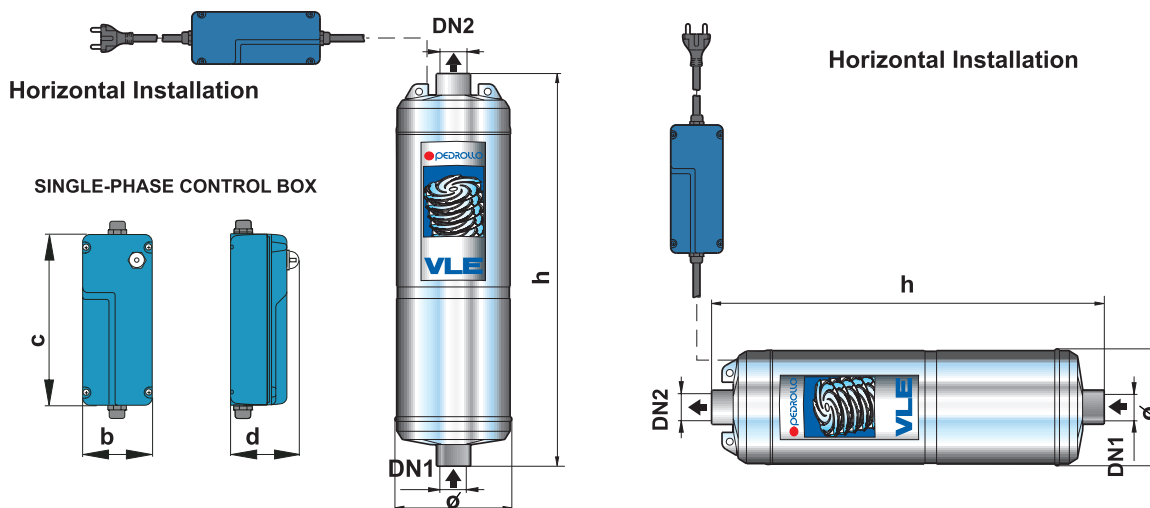
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# CURVES AND PERFORMANCE DATA



MODEL		HP	CAPACITY GPM	0	2	5	7	10	11	13	14	15	17	18	19	21	22	23
1 PH	3 PH																	
VLE18G 15		1.5	H Feet															
VLE18G 20	VLE18G 20	2.0																
VLE18GH 20	VLE18GH 20	2.0																

## DIMENSIONS AND WEIGHTS



MODEL		DISCH		DIMENSIONS INCHES						LBS	
1 PH	3PH	DN	No STAGE	ø	h (1~)	h (3~)	a	b	c	1~	3~
VLE18G 15		1 1/4"	4	6.0	20.3	-	3.1	7.8	2.5	43.1	-
VLE18G 20	VLE18G 20		5		21.5	21.5				45.5	41.8
VLE18GH 20	VLE18GH 20				24.4	21.5				58.1	45.5