

VL 18G

vertical multi-stage pumps

Robust vertical multi-stage pumps in stainless steel, distinguished by their high efficiency and particularly quiet operation.



RANGE OF PERFORMANCE

Capacity up to 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 EN 60034-1
IEC 335-1 IEC 34-1
CEI 61-150 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, BECAUSE THE PUMP IS FULLY SUBMERSIBLE WITH THE MOTOR COOLED BY THE PUMPED LIQUID, IT CAN BE USED SAFELY IN WET ENVIRONMENTS AND IN SPACES WITH INSUFFICIENT VENTILATION. 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 DIFFUSERS:** 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.
VL: single-phase 230V - 60 Hz with thermal overload protector built into windings below 1.5 Hp. The 2 Hp motor has an external (with manual reset) incorporated into the control box.
VL: three-phase 230V - 60 Hz.
- **INSULATION:** class F. • **PROTECTION:** IP 68.

STANDARD FEATURES:

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

Control box with capacitor

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

OPTIONS ON REQUEST

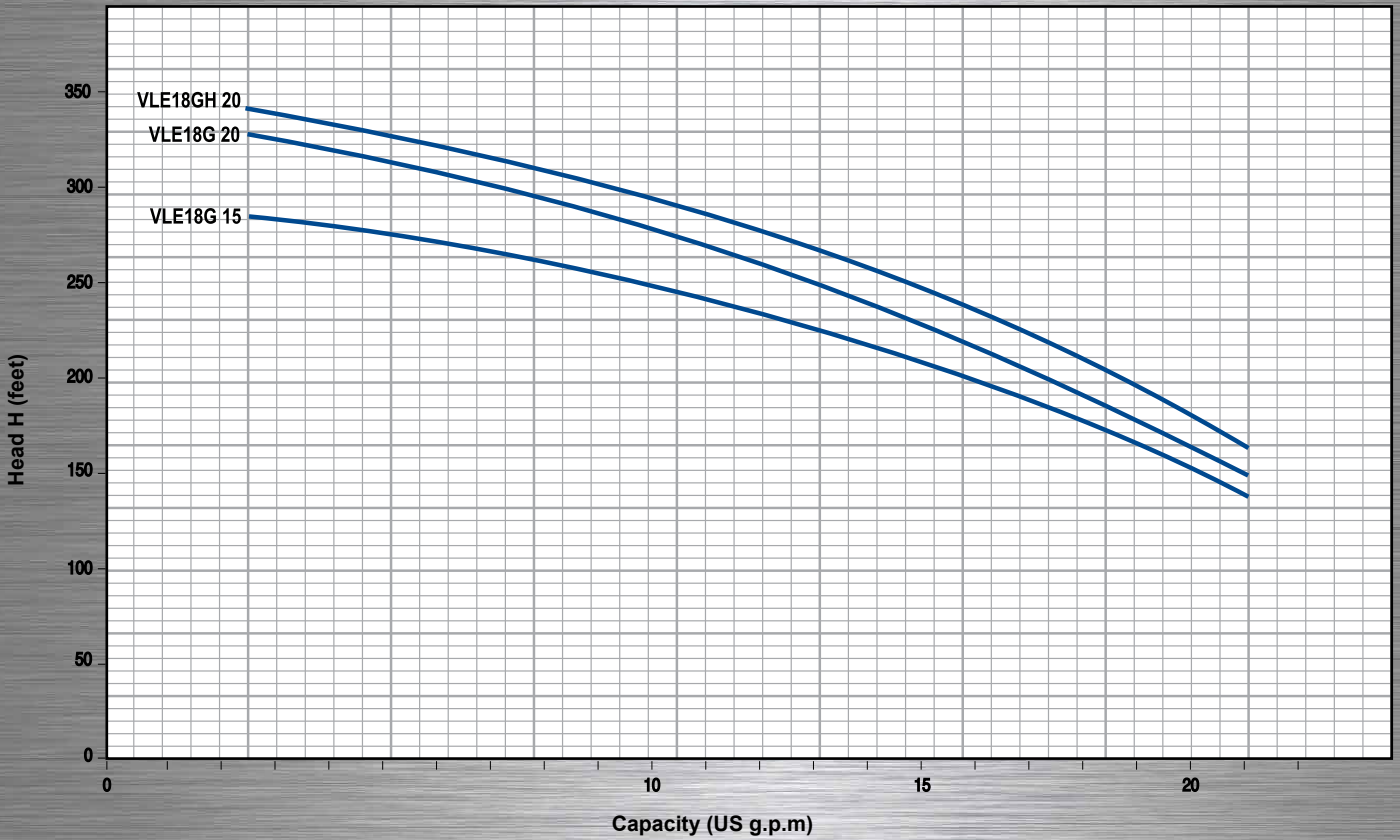
- other voltages or frequency 50 Hz



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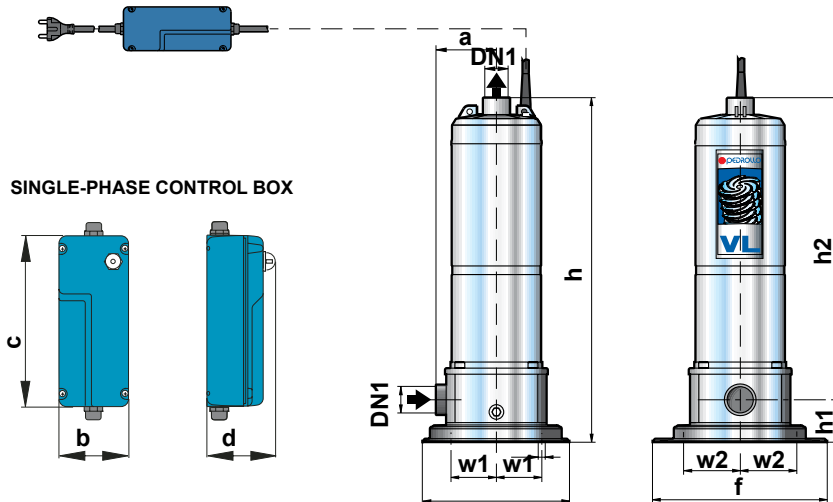
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MODEL		HP	CAPACITY GPM	H Feet															
1 PH	3 PH			0	2	5	7	10	11	13	14	15	17	18	19	21	22	23	
VL18G 15		1.5	H Feet	283	276	269	256	243	237	230	220	210	200	191	177	164	151	138	
VL18G 20	VL18G 20			329	319	306	289	273	263	253	240	230	217	207	194	179	164	151	
VL18GH 20	VL18GH 20			348	340	329	315	299	289	279	269	260	243	233	214	204	184	164	

DIMENSIONS AND WEIGHTS



MODEL		SUCTION/DISCH			DIMENSIONS INCHES													LBS		
1 PH	3 PH	DN1	DN2	No STAGE	a	b	c	d	f	h (1~)	h (3~)	h1	h2(1~)	h2(3~)	n	w1	w2	s	1~	3~
VL18G 15		1 1/2"	1 1/4"	4	3.9	3.1	7.8	2.6	8.7	22.5	23.7	2.3	20.1	21.3	7.2	2.4	3.4	0.4	50.8	
VL18G 20	VL18G 20			5						23.7			21.3						53.3	49.5
VL18GH 20	VL18GH 20			5						26.6			24.3						65.9	53.3

VL 25G

vertical multi-stage pumps

Robust vertical multistage pumps in stainless steel, distinguished by their high efficiency and particularly quiet operation.



RANGE OF PERFORMANCE

Capacity up to 34 gpm
Head up to 296 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 EN 60034-1
IEC 335-1 IEC 34-1
CEI 61-150 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, BECAUSE THE PUMP IS FULLY SUBMERSIBLE WITH THE MOTOR COOLED BY THE PUMPED LIQUID, IT CAN BE USED SAFELY IN WET ENVIRONMENTS AND IN SPACES WITH INSUFFICIENT VENTILATION. 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 DIFFUSERS:** 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.
VL 25G: 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.
VL 25G: three-phase 230V - 60 Hz.
- **INSULATION:** class F. • **PROTECTION:** IP 68.

STANDARD FEATURES:

VL 25G (single-phase) 6 ft power cord type "H07 RN-F"

Control box with capacitor.

VL 25G (three-phase) 6 ft power cord type "H07 RN-F"

OPTIONS ON REQUEST

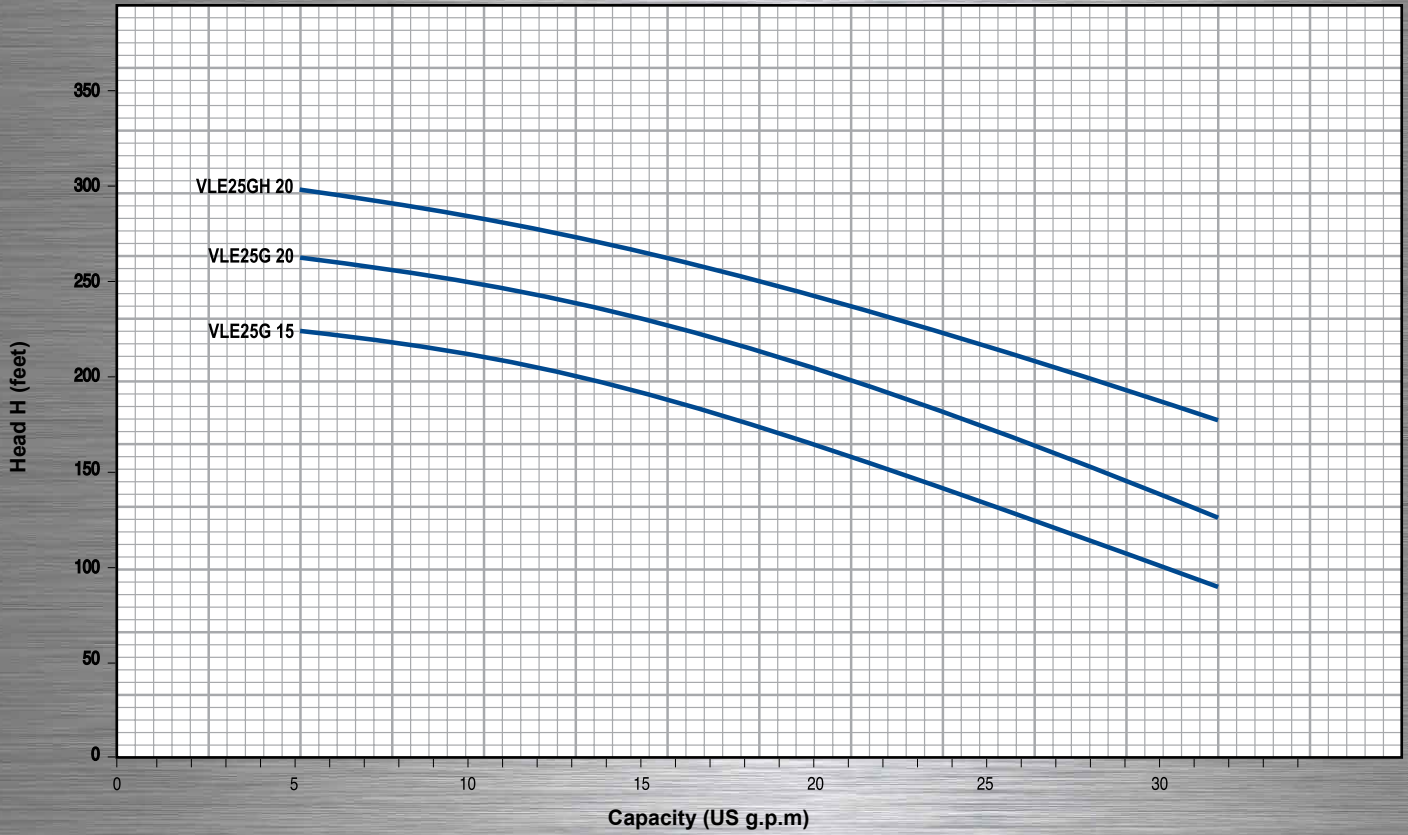
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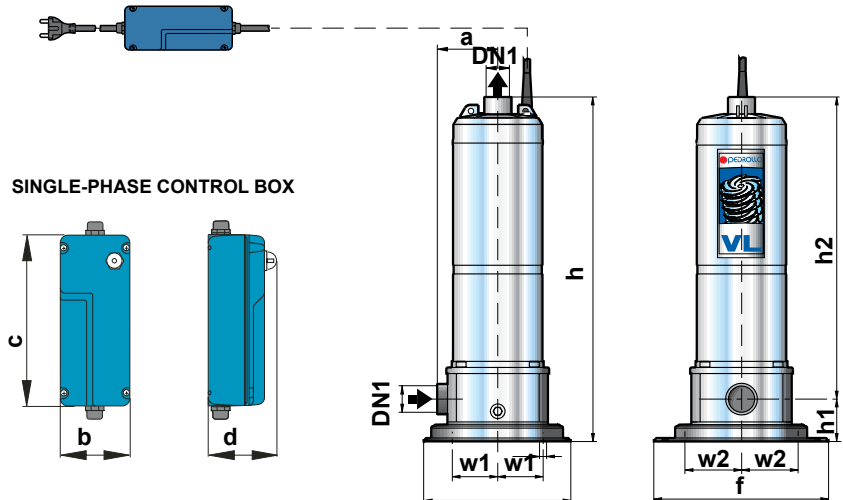
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MODEL		HP	CAPACITY GPM	H Feet													
1 PH	3 PH			0	2	5	7	10	13	15	18	21	23	26	29	31	34
VL25G 15		1.5	H Feet	223	220	217	210	204	195	187	176	164	151	135	122	105	89
VL25G 20	VL25G 20			2.0	263	260	253	246	240	233	223	214	204	191	177	161	145
VLE25GH 20	VLE25GH 20	2.0		296	292	289	283	276	269	263	253	246	237	223	210	195	177

DIMENSIONS AND WEIGHTS



MODEL		SUCTION/DISCH			DIMENSIONS INCHES														LBS	
1 PH	3 PH	DN1	DN2	No STAGE	a	b	c	d	f	h (1~)	h (3~)	h1	h2(1~)	h2(3~)	n	w1	w2	s	1~	3~
VL25G 15				4						22.5	23.7		20.1	21.3					50.8	
VL25G 20	VL25G 20	1 1/2"	1 1/4"	5	125.4	106.4	225.4	91.4	248.4	23.7		2.3	21.3		7.2	2.4	3.4	0.4	53.3	49.5
VLE25GH 20	VLE25GH 20			4						25.5	22.5		23.1	20.1					63.9	51.3