

VL18G

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
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, 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



tech.support (954) 474 9090

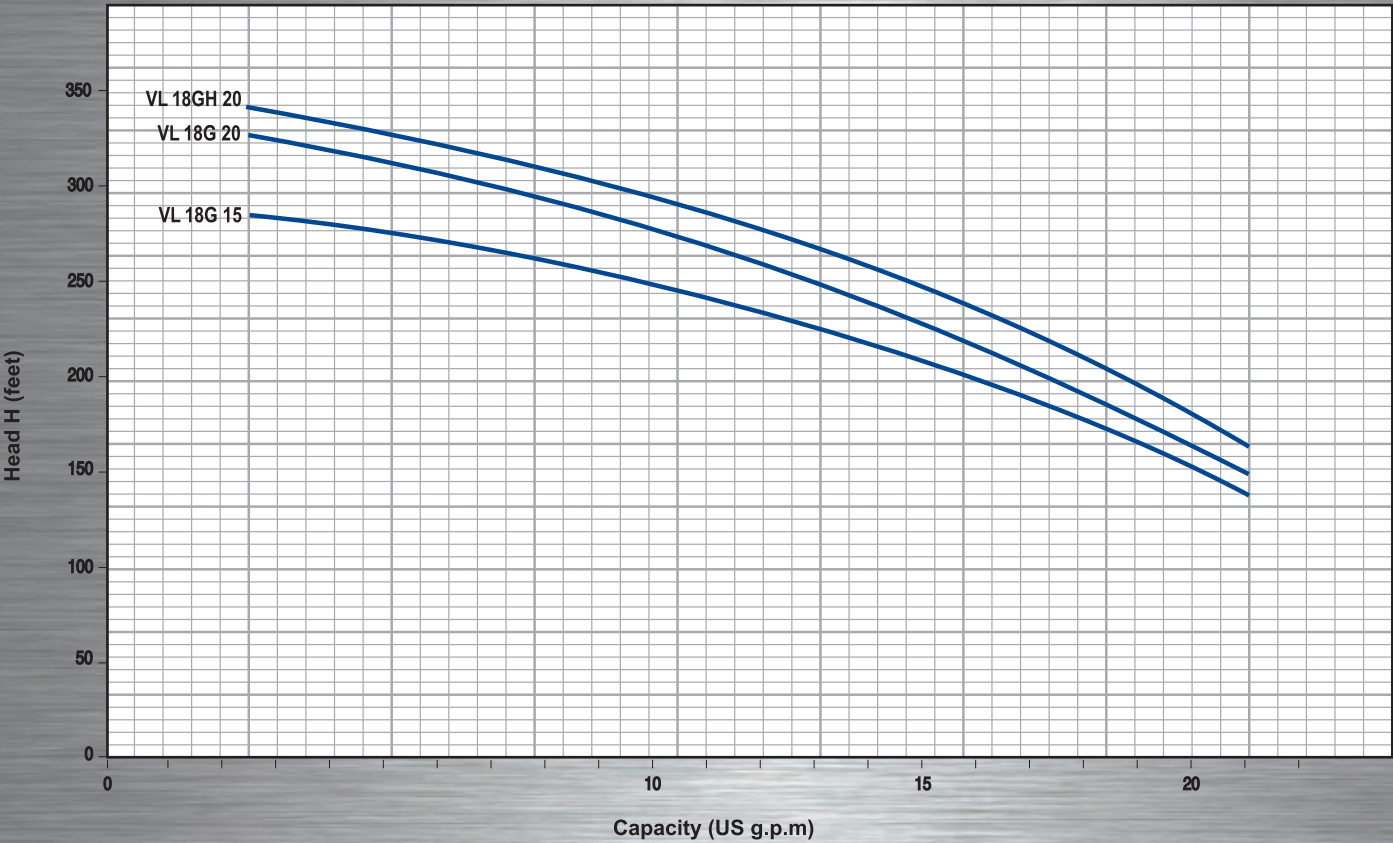


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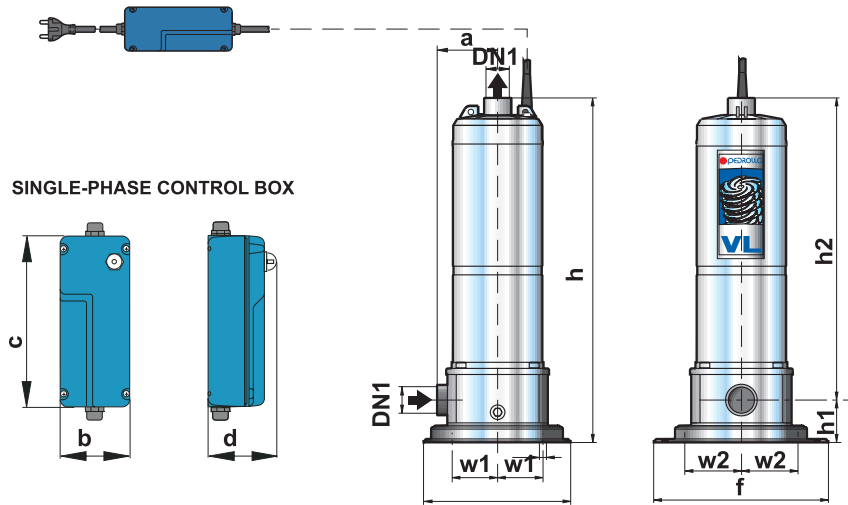
customerservice@pedrollousa.com

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 | | | | | | | | | | | | | | | | | |
| 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 | 2.0 | | 329 | 319 | 306 | 289 | 273 | 263 | 253 | 240 | 230 | 217 | 207 | 194 | 179 | 164 | 151 |
| VL18GH 20 | VL18GH 20 | 2.0 | | 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 | | | | | | | | | 26.6 | | | 24.3 | | | | | | 65.9 | 53.3 |