# VERTY GO

# GENERAL DATA

## Applications

Multi-purpose submersible pumps for drainage, emptying, and pumping water between containers.
Specifically designed for uses in narrow pits with dimensions down to 8” x 8”.
Suitable to pump clear water containing particles with maximum diameter up to 1/4”.
* Drainage
* Emptying sumps
* Transfering water between large containers
* Hydroponics

## Constructional features of the pump

Technopolymer pump body.
Technopolymer impeller.
Technopolymer Vertical float switch.

## Constructional features of the motor

Induction motor, closed and cooled with liquid being pumped
Wear resistant shaft with triple lip seals to ensure a long life.
Built-in thermic overload protection
Capacitor permanently in circuit.
Motor protection: NEMA6P
Insulation class: F
Cable Length: 16ft

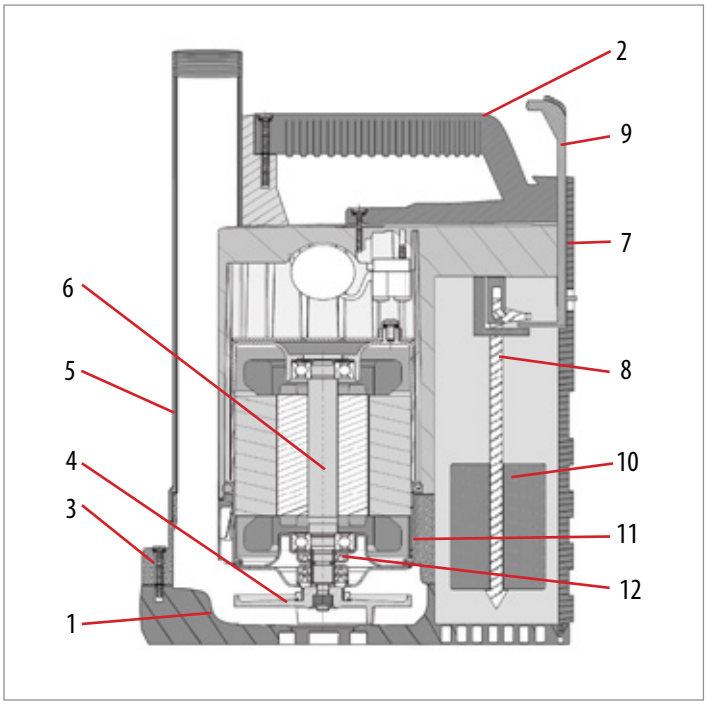
Standard voltage: 115v 60Hz

# TECHNICAL DATA

## MATERIALS

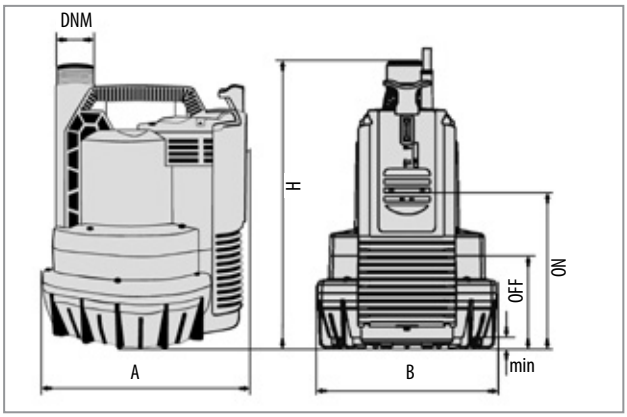
| N° | PARTS* | MATERIALS |
|---|---|---|
| 1 | PUMP BASE | PP 30% GF |
| 2 | HANDLE | PP 20% TC |
| 3 | LOWER HOUSING | PP 15% GF NAT GRADE 6 |
| 4 | IMPELLER | PP 20% GF |
| 5 | TOP BODY | PP 30% GF NAT GRADE 5 |
| 6 | ROTOR SHAFT | AISI 416 STAINLESS STEEL |
| 7 | FLOAT COVER | ABS |
| 8 | FLOAT ROD | POM |
| 9 | MANUAL SWITCH | PP 15% GF |
| 10 | FLOAT | PP 15% GF |
| 11 | MOTOR COVER | DIE CAST ALUMINUM |
| 12 | TRIPLE LIP SEAL | NBR |

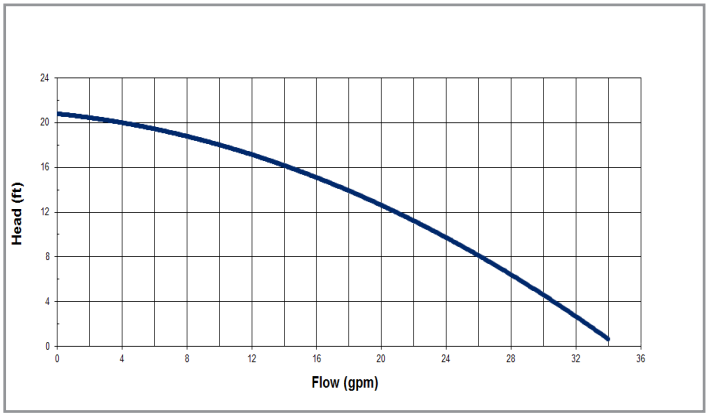
* In contact with liquid




| | |
|---|---|
| Operating Range: | From 1 to 52 gpm with a head up to 30ft (13 psi) |
| Liquid quality requirements: | clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallized, chemically neutral, close to the characteristics of water |
| Liquid temperature Range: | From 32°F to 95°F |
| Maximum solids | 1/4” |
| Maximum ambient temp. | 104°F |
| Maximum operating pressure | 13 psi |
| Maximum submersion | 16 ft |
| Installation: | fixed or portable in a vertical position |
| Special version on request | other voltages and/or frequencies |

# VERTY GO 300

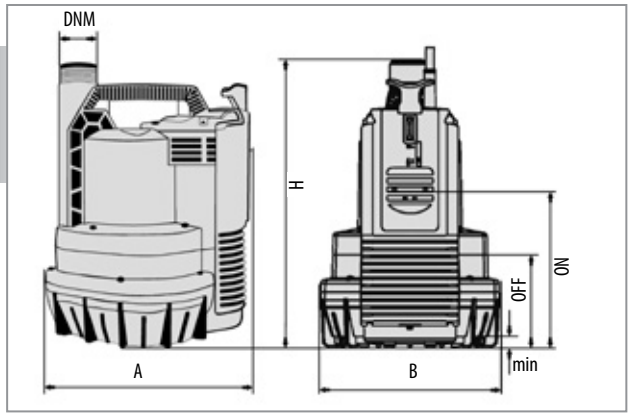


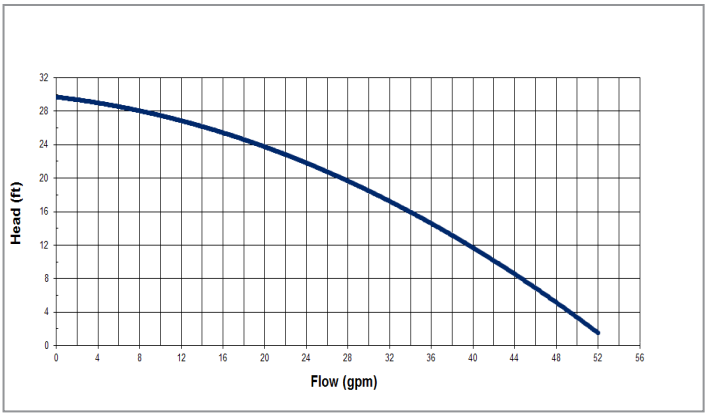




| MODEL | A | B | H | ON | OFF | MIN | DNM | Weight |
|---|---|---|---|---|---|---|---|---|
| VERTY GO 300 | 8 3/4" | 7 1/4" | 11 1/4" | 5" | 3" | 1/16" | 1 1/4" NPT | 11.0 lbs |

| MODEL | ELECTRICAL DATA | | | | HYDRAULIC DATA | | |
|---|---|---|---|---|---|---|---|
| | Voltage 60Hz | P1 Watt | P1 Hp | In A | MAX Flow | Max Head | Max Pressure |
| VERTY GO 300 | 115v | 300 | 1/3 | 3.4 | 34 gpm | 21 ft | 9 psi |

# VERTY GO 600



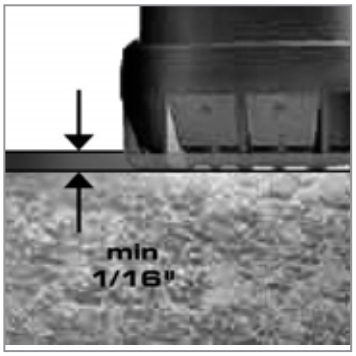




| MODEL | A | B | H | ON | OFF | MIN | DNM | Weight |
|---|---|---|---|---|---|---|---|---|
| VERTY GO 600 | 8 3/4" | 7 1/4" | 11 1/4" | 5" | 3" | 1/16" | 1 1/4" NPT | 14.2 lbs |

| MODEL | ELECTRICAL DATA | | | | HYDRAULIC DATA | | |
|---|---|---|---|---|---|---|---|
| | Voltage 60Hz | P1 Watt | P1 Hp | In A | MAX Flow | Max Head | Max Pressure |
| VERTY GO 600 | 115v | 600 | 1/2 | 6.8 | 52 gpm | 30 ft | 13 psi |

# INSTALLATION DIAGRAM

Minimum suction depth




Minimum opening