

STA-RITE®
CSM500V
CAST IRON VORTEX SUBMERSIBLE DRAINAGE PUMP

30mm FREE PASSAGE



CSM500V

12
 MONTHS
 WARRANTY

FEATURES

- 30mm free passage.
- Vortex impeller.
- SiC / SiC mechanical seal.
- Auto cut out switch.
- Thermal overload protection.
- Float switch.
- Moisture sealed cable inlet.

APPLICATIONS

- Disposal of non contaminated rain, waste and ground water such as from a pit.
- Dewatering (clean water).
- Water treatment circulation.
- Grey water.
- Commercial ponds and fountains.

PUMP CONSTRUCTION MATERIALS

Vertical, single-stage, submersible with 30mm free passage. Cast iron vortex style impeller, and casing with 3" BSP (female) discharge port. 304SS motor casing.

- Pump casing:** Cast iron.
- Impeller:** Cast iron.
- Motor shaft:** 410SS.
- Mechanical seal:** Carbon ceramic mechanical seal with oil chamber and primary lip seal.
- IP Rating:** IP68.

OPERATING CONDITIONS

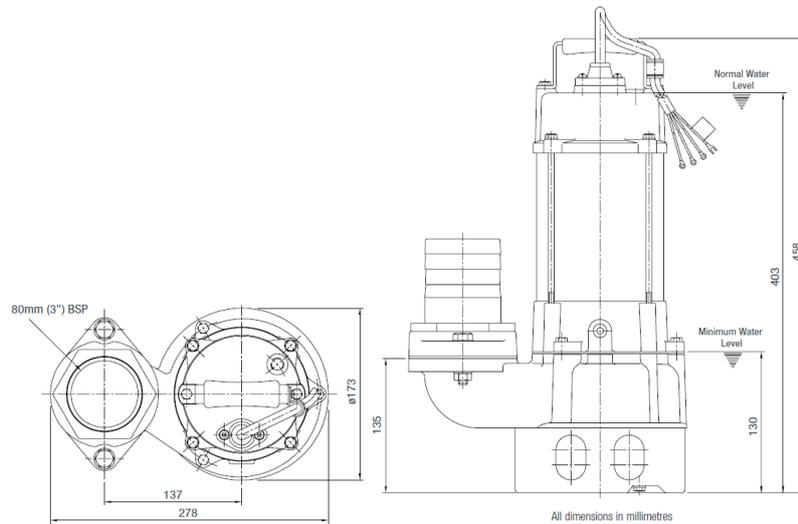
Drainage pump for the disposal of faecal free waste water, including rainwater, non contaminated waste and ground water containing particles up to 30mm. Install pump vertically (hose connection possible).

ELECTRICAL DATA

Type	Type of current	Voltage ± 10%	Frequency Hz	Motor rating kW	RPM min	Current Ampere	Motor protection	Insulation class	Cable quality	Cable length
				P1						
CSM500VF	1-phase	230	50	0.75	2850	5.3 A	Auto	B	H07RN-F	10 m
CSM500VT	3-phase	400	50	0.75	2850	2.0 A	Auto	B	H07RN-F	10 m

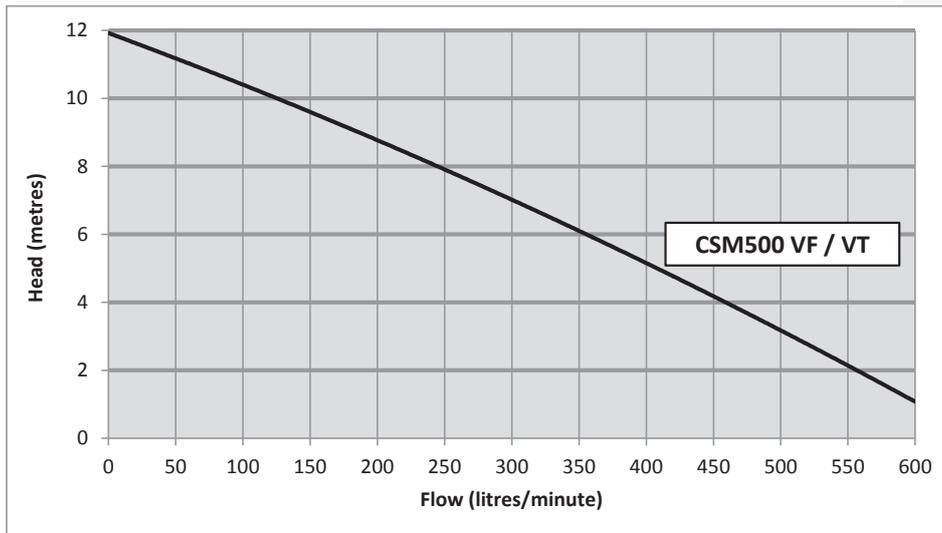
DIMENSIONS

Type	Maximum L x W x H	Weight approx.	Discharge branch	Free passage	Packed L x W x H	Packed weight	Continuous operating temperature range	Intermittent temperature maximum
CSM500V	173 x 278 x 458 mm	19 kg	3" BSP (female)	30 mm	300 x 200 x 500 mm	21kg	1°C - 40°C	50°C



PERFORMANCE

Type	P/No	Delivery head [m]	1	2	3	4	5	6	7	8	9	10	11
CSM500V	CSM500VF / VT	Flow rate capacity [lpm]	-	555	505	455	400	355	305	250	194	125	60



Head Office Pentair AU/NZ: 1-21 Monash Drive, Dandenong South, VIC 3175, Australia. www.pentair.com.au

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