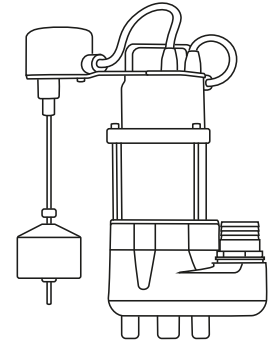


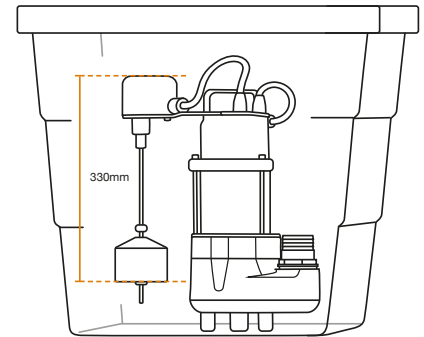
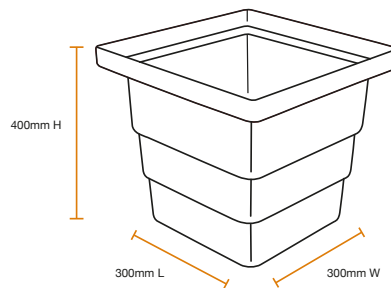
SUMP PUMP SPEC SHEET



PIT REQUIREMENTS:

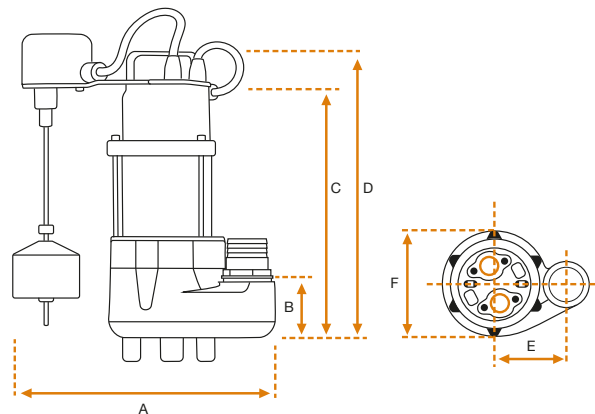
The Vada Sump Pump with Vertical Float V150-VF is designed for small spaces. It requires a minimum pit size of 300mm (L) x 300mm (W) x 400mm (H).

If your pit is tapered, ensure the float can be fully engaged without getting caught on the pit wall.



PRODUCT DIMENSIONS:

- A. 260mm Vertical float on level: start min 96mm
- B. 80mm Vertical float on level: stop max 70mm
- C. 310mm Pump weight: 9kg
- D. 357mm
- E. 78mm
- F. 122mm



APPLICATIONS:

The Vada Sump Pump V150-VF is suitable for the following applications:



Ground water transfer	Rainwater transfer	Emptying residential sumps and tanks	Draining of flooded buildings or cellars	Removing water from drainage collecting pits	Transferring wastewater from kitchen, sinks, laundry or baths to higher sewage lines
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The Vada Sump Pump V150-VF is not suitable for the following applications:



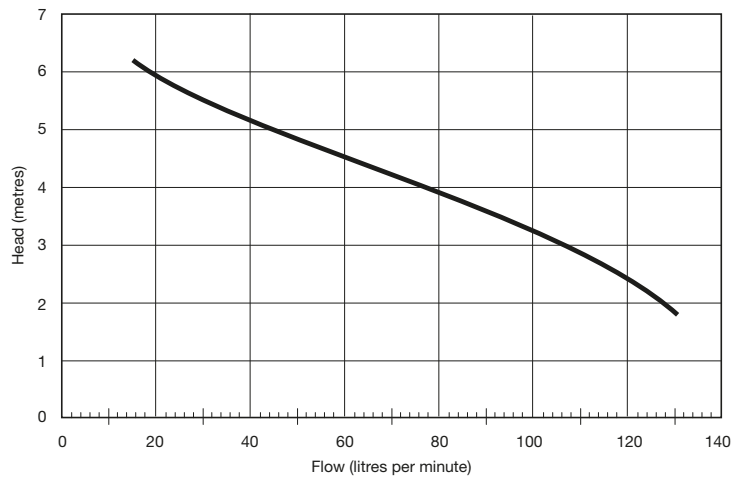
Pumping blackwater (wastewater with toilet discharge)	Pumping liquids containing long fibrous materials	Pumping aggressive or inflammable liquids	Pumping liquid containing solids larger than max. recommended particle size (15mm)	Pumping liquid containing abrasive solids (stones, ceramics etc.)
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PUMP PERFORMANCE CURVE

Pump curves are a great tool to understand your pumps performance capabilities. In relation to head (metres) and flow (litres per minute). Pump curves can be interpreted by tracing your finger along the head (metres) across to flow (litres per minute).

In this pump curve, you can see that if the Vada Sump Pump with Vertical Float (V150-VF) has a discharge head between 4.3–3.2m (43–32kpa) then the pump will produce between 64–96 l/min, and will operate in the optimum operating range.



SPECIFICATIONS	
Maximum water temp	40°C
Maximum submersion depth	6m
IP Rating	IP68

USAGE LIMITATIONS	
Fluid	Clean and greywater with soft solids up to 15mm (no suspended solids like stones, pebbles, mulch or abrasive material)
Max flow rate	150 l/min
Max water temp	40°C
Max submersion depth	6m
Max soft solids width	15mm
Max concentration of fine solids	1%
IP Rating	IP68

CONSTRUCTION	
Power cable	H07RN-F
Float switch	H07RN-F
Pump housing	Cast iron
Pump shaft	304 stainless-steel
Motor shell	304 stainless-steel
Mechanical seal	Carbon ceramic
Oil seal	Nitrile
Impeller	Polycarbonate

POWER	
Power consumption	0.18Kw
Voltage	1~230V ± 10% 50Hz
Full load current	1.75 A
Starting current	9.5 A