SUBMERSIBLE PUMP
SPEC SHEET
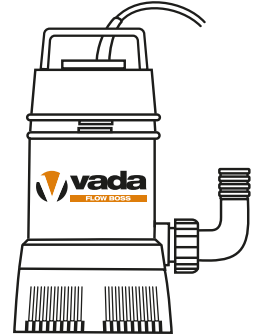
COMPATIBLE VADA PRODUCTS:

☐ Vada Flow Boss
Automatic Pressure Control
VFB-APC

☐ Vada Flow Boss
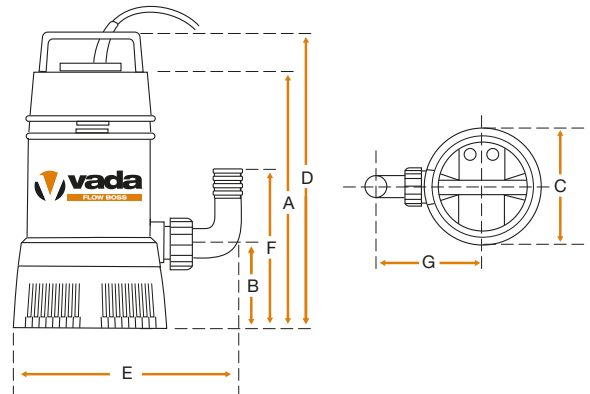Digital Water Switching Unit
VFB-DSU

PRODUCT DIMENSIONS:

A. 282mm
B. 86mm
C. 148mm
D. 327mm
E. 222mm
F. 157mm
G. 133mm

Outlet port: 32mm MI
Weight: 7.5kg

APPLICATIONS:

The Vada Flow Boss Submersible Pump VFB-S35 is suitable for the following applications:

	Water source switching (tank/main)	Domestic pressure systems	Domestic Water transfer (clean water only)	Hose watering	Irrigation systems
✔					

The Vada Flow Boss Submersible Pump VFB-S35 is not suitable for the following applications:

|	Borehole applications	Pumping liquid containing abrasive solids (stones, ceramics etc.)	
✘			Note: This is not intended as a dirty drainage water sump pump

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).

For example, in this pump performance curve below, you can see that if the Vada Flow Boss Submersible Pump VFB-S35 has a discharge head between 20–14 metres (200-140Pa), then the pump will produce 44–66 l/min.
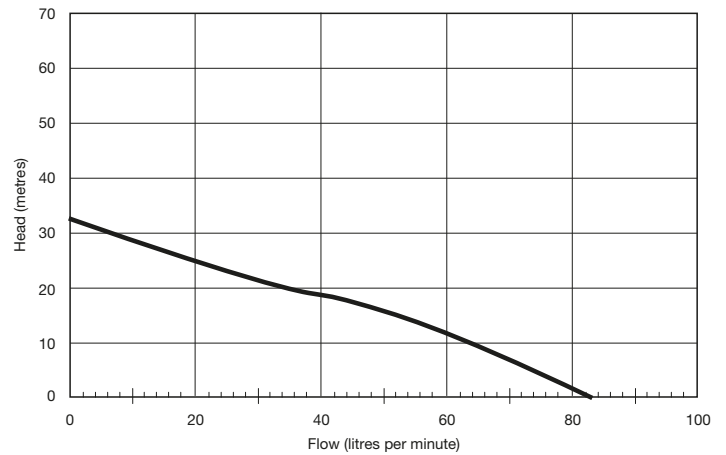
USAGE LIMITATIONS	
Liquid type	Clean water with no suspended solids or abrasive material
Min – Max Liquid Temperature	1°C - 40°C
Max. submersion depth	7m
IP Rating	IP68

CONSTRUCTION	
Pump casing	Powder coated alloy
Motor Casing	Stainless steel 304
Impeller	Polymer
Diffuser	Polymer
Inlet screen	Polymer
Discharge	Powder coated alloy
Shaft	Stainless Steel 303
Seal	Dual lip seal
O-ring	Nitrile
Power cable	10m

POWER		
Nominal power	HP	0.88
	kW	0.65
Absorbed power	HP	1.14
	kW	0.85
Voltage	1~230-240V	
Full load amps	4	
Capacitor size	8uF	

MOTOR	
IP rating	IP68 (motor)
Speed of rotation	2850rpm (motor)
Insulation	Class F (motor)

Q	L/1'	0	20	40	60	80
	m3/h	0	1.2	2.4	3.6	4.8
Discharge in meters		29	25	22	16	10