

Submersible Pumps

The Supersub, Supervort and Diver submersible pumps provide a solution to most general purpose applications. Models with the suffix 'A' incorporate an adjustable float switch, providing automatic pump control.

Application

Supersub - suitable for clean water, rain water, waste water or pond applications. Waste water is water that has been used in the home, for instance, dishwasher, shower and laundry water. They are not suitable for foul sewage.

Supervort - suitable for dirty water applications and capable of handling semi-solids in suspension of up to 20 mm in diameter. They are also suitable for all applications specified in the Supersub range - ideal for ponds with large gravity fed filter systems where the pump can be incorporated in the filter.

Diver - has high head (pressure) capabilities and is suitable for clean water applications only to lift water to high tanks, sprinklers etc. Also available with a pressure control module. For automatic operation see data sheet A460.

Materials

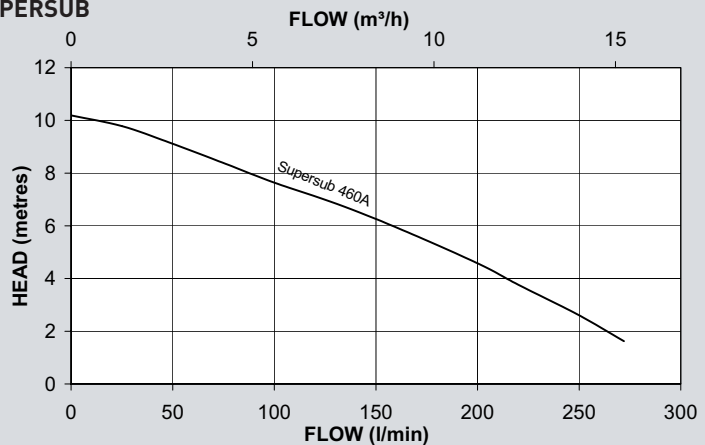
Body	Polypropylene
Impeller	Supervort models PA All other models PPO
Motor casing	304 Stainless steel
Pump shaft	304 Stainless/ceramic
Seal	Three separate lip seals

Operating Conditions

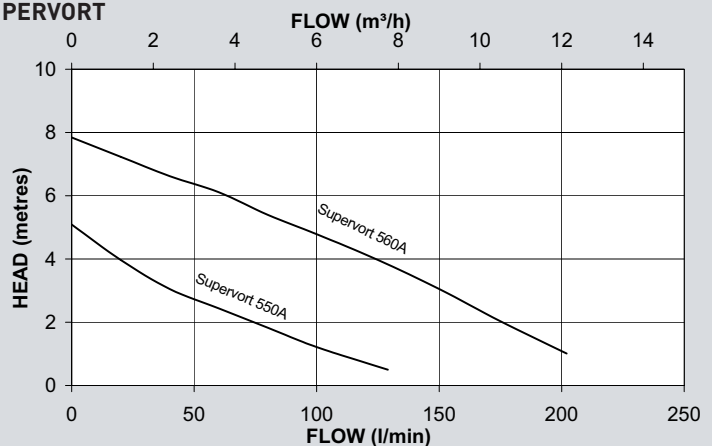
Max. liquid temp.	35°C
Min. liquid temp.	4°C
Max. immersion depth	Diver 10 m All other models 7 m
Cable	H07RN-F3 Diver range 15 m H07RN-F3 Supervort 560A 10 m H05RN-F3 All other models 10 m



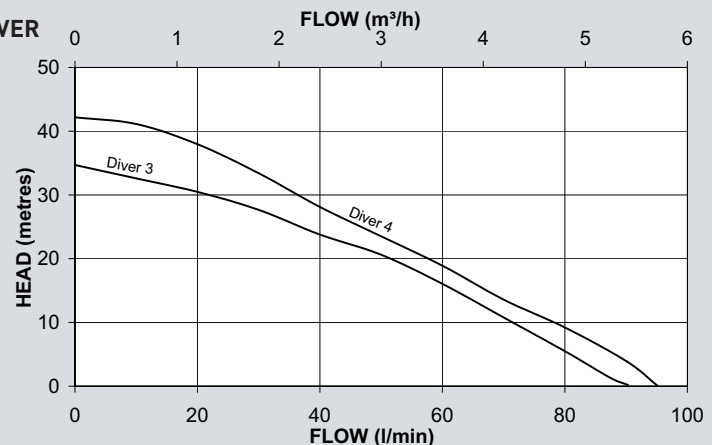
SUPERSUB



SUPERVORT



DIVER



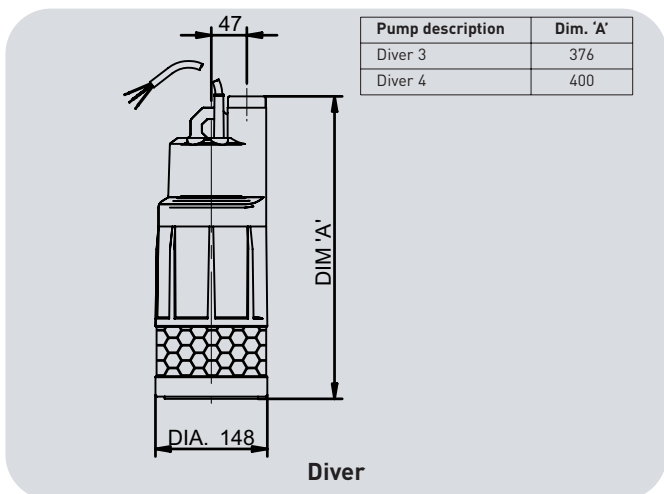
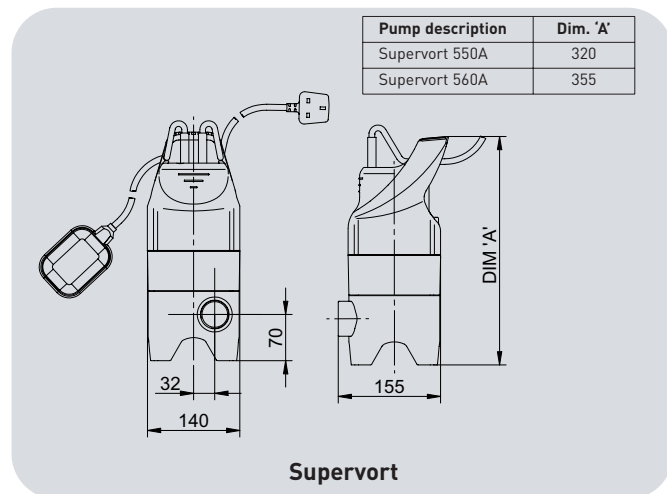
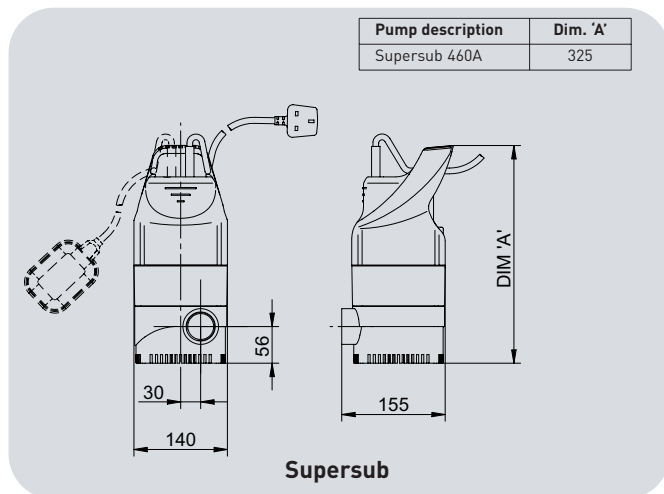
Submersible Pumps

Model	Motor*	Nominal watts	Watts full flow	Amps full load	Impeller	Seal	Carton dims.			Gross weight Kg	Part no.
							L	W	H		
Supersub 460A	230/1/50	510	730	3.3	PPO	Triple Lip	430	x 240	x 210	7.1	46299
Supervort 550A	230/1/50	225	320	1.4	PA	Triple Lip	430	x 240	x 210	5.4	46300
Supervort 560A	230/1/50	395	565	2.6	PA	Triple Lip	430	x 240	x 210	7.1	46301
Diver 3	230/1/50	565	810	3.7	PPO	Triple Lip	380	x 205	x 360	9.5	45841
Diver 4	230/1/50	670	960	4.2	PPO	Triple Lip	380	x 205	x 360	9.7	45842

Pump Connection Sizes

Diver range	G1 Female
All other models	G1¼ Female

*Built to IP68, all motors are designed for continuous running and feature thermal overload protection. A residual current device having a rated current not exceeding 30mA must be installed in the supply circuit.



Supersub and Supervort models are supplied complete with stepped hose connector, suitable for 25, 32 or 38 mm bore hose.

Diver pumps are supplied complete with non-return valve and stepped hose union, suitable for 19 or 25 mm bore hose, alternatively ¾" or 1" bsp male thread.

All dimensions shown are in mm.

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