

DAVEY

SumpPumps

Model Number:
D15A, D25A,
D40A, D40M

GUARANTEE
2 YEARS*
*D15A, D25A, D40M & D40A
All others 1 YEAR

APPLICATIONS

Ideal for dewatering of cellars, garages, ditches, pits & ponds, pumping clean or slightly dirty water, sump emptying and decorative water features.

COMMERCIAL SUBMERSIBLE DEWATERING PUMPS

FEATURES & BENEFITS

Open impeller, centrifugal design
- Able to pump small soft solids in suspension
- Less susceptible to blockage

Double mechanical shaft seal in oil bath with hard faced silicon carbide / ceramic seal on pump side (D15 models have single seals)
- Added motor protection
- Long service life

Sand slinger lip seal
- Added protection
- Long service life

Corrosive resistant 304 stainless steel motor shell and strainer
- Long service life
- Attractive, lasting appearance

High quality paint finish
- Long service life
- Attractive lasting appearance

Mounting base fitted
- For a firm and stable positioning during installation and operation

Automatic resetting thermal overload
- Protected against overloading

HO7RNF oil resistant leads, 10 metres long with 3 pin power plug
- Easy to connect to power supply
- Longer life in dirty water

"A" suffix models equipped with preset length float switch for automatic operation

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OPERATING LIMITS	
Capacities to	240 lpm
Maximum total head	12m
Maximum submergence	10m
Maximum operating temperature	50°C

SUITABLE FLUIDS

Clean or "grey water" of neutral pH containing up to 10% small soft solids or 1% fine solids. Some wear should be expected while pumping hard solids in suspension.

MATERIALS OF CONSTRUCTION	
PART	MATERIAL
Motor top	Polycarbonate (D15), Cast Iron (D25/40)
Pump body	Cast iron
Motor shell	304 stainless steel
Strainer	304 stainless steel
Impeller	Polycarbonate
Lip ring	Nitrile
Mechanical seal	Silicon carbide/ceramic in oil bath w/- oil seal Carbon/ceramic on motor side (D25/40)
Seal and bottom bearing housing	Cast iron
Handle	304 stainless steel
Fasteners	304 stainless steel
Float & power supply leads	HO7RN-F oil resistant

ELECTRICAL DATA			
Supply voltage/Hz	240V/50Hz single phase		
Cable length	10m		
Output	150W	250W	400W
Start	9.0A	12.0A	10.5A
Run	1.5A	2.2A	3.7A
Speed	2 pole, 2850rpm		
Insulation class	F		
IP rating	X8		
Starting	P.S.C.		

INSTALLATION AND PRIMING

Use a rope to position and retrieve the pump. Do not lower or retrieve the pump using the power lead as this may damage the cable entry seals, causing water leaks and unsafe operation.

Do not use this product for recirculating or filtering swimming pools, spas, etc. While these pumps are built to high safety standards, they are not approved for installations where people will be in the water while they are operating.

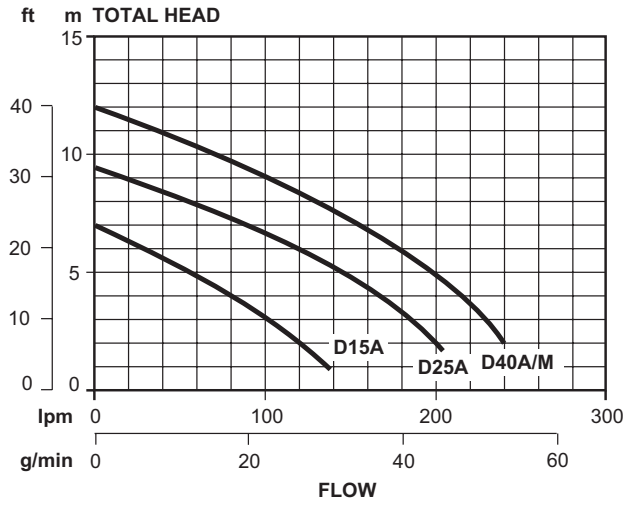
Do not pump abrasive materials. Sand and grit in the water being pumped will accelerate wear, causing shortened pump life.

Keep your pump clean, particularly in situations where lint, hair or fibrous materials may get bound around the pump shaft. Regular inspection and cleaning will extend pump life.

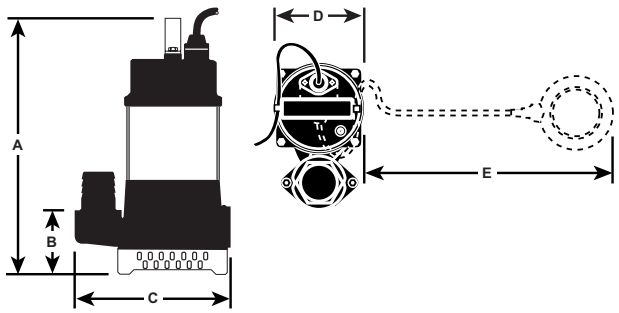
Make room for the float switch to operate. Automatic models have a float switch to turn them on when the water level rises and turn them off again when it has been pumped down to the safe operating level of the pump. If the float switch is not free to rise and fall, correct pump operation may not be possible.

Do not run your pump dry. Non-automatic models must be switched off manually or by way of an external float/level switch when the water level is reduced to the top of the pump housing.

HYDRAULIC PERFORMANCE



DIMENSIONS (mm)							
Model	A	B	C	D	E	Outlet	Weight (kg)
D15A	320	60	160	115	260	1¼"F	5.5
D25A	370	85	225	145	290	1½"F	9
D40A/M	430	85	225	145	290	2"F	11



daveywater.com

This literature is not a complete guide to product usage. All images provided in this document are for illustration purposes only. Further information is available from your Davey Dealer, Davey Support Centre and from the relevant product Installation and Operating Instructions. Must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change without notice. ® Davey is a registered trademark of Davey Water Products Pty Ltd. © Davey Water Products Pty Ltd 2024.

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