



POND RESIDENTIAL SUMP PUMPS



FEATURE

- Pond-A has an Electrophoretic Deposition (EPD) coating on an aluminum motor frame, which can prevent early corrosion and extend the product life.
- Pond-S has a stainless steel frame, which can be used in sea water, fish pond, and water circulation for seafood.
- Strong structure design. Equipped with a high efficiency motor, vortex impeller, waterproof epoxy cable, mechanical seal, oil seal, and overheat protector.
- Outlet discharge for Pond-A is available with 15mm (1/2"), 20mm (3/4"), 25mm (1"). Pond-S can be equipped with outlet discharge of 32mm (1 1/4") and 40mm (1 1/2").
- Optional accessories: standard float switch (F) or vertical float switch (FV) for confined spaces.
- Food grade Lubricant: Clear and odorless oil; which meets the standards of US FDA and EU REACH. It is toxic free, environmental friendly, and harmless to the human body.

⚠ Caution : For Intermittent Use Only, 8 hours per day rating, approximately 3000 hours on wear parts.

⚠ Warning : Prohibited to use liquid containing sediment and Chemicals.

APPLICATIONS

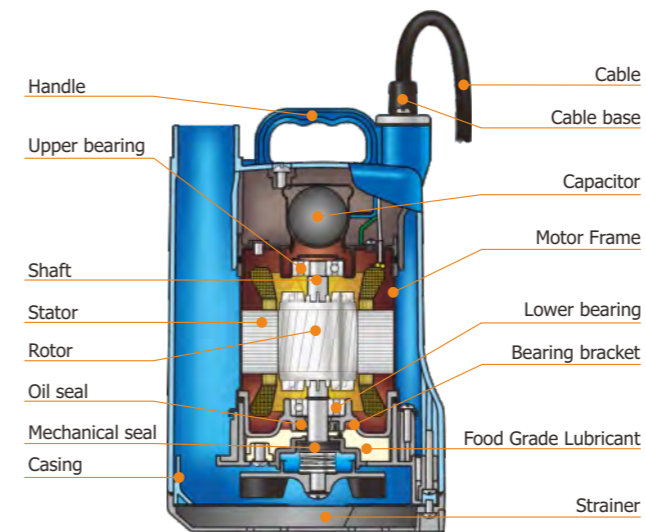
- Tank water circulating, Water recycles
- Water feature
- Water supply/drainage



POND-A



POND-S



POND-100A



POND-S250



F(Float)



FV(Float)

MOTOR FRAME



POND-A

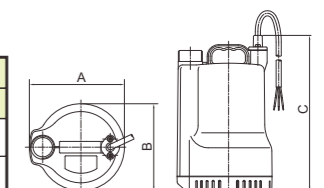


POND-S

PERFORMANCE SPEC.

Model	HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Standard		Solid Passage mm(inch)	Weight kg (lb)	Dimension (mm)		
					m - m ³ /min	ft - GPM			A	B	C
POND-100A	1/7 (100)	1" (25)	1	Direct	5 - 0.05	15 - 13	4 (1/4")	4.0 (9)	164	153	256
POND-S250	1/3 (250)	1 1/4" (32)	1	Direct	6.5 - 0.1	22 - 26	4 (1/4")	4.1 (9)	164	150	268

Note: Weight Without Cable & Outlet



SPECIFICATIONS

Model		Pond-A	Pond-S
Discharge (mm)		15 • 20 • 25	32 • 40
Limits Of Use	Liquid Temp.	0~40°C (32~104°F)	
	Applications	Fresh Water • Basins And Tanks	Seawater • Marine Culture
	Max. Depth	10m (33feet)	
Type	Frequency	60Hz	
	Motor	2P (3600RPM) • Dry Motor	
	Insulation	Class B	
	Protection	IP68	
	Protector	Overheat Protector	
	Bearing	Ball Type	
	M.seal	Single M.seal	
	Impeller	Semi-open	
Material	Upper Cover	ASA	PP
	Motor Frame	ADC12 (EPD Coating)	SUS304
	Shaft End	SUS410	
	M.seal	Carbon/Ceramic	
	Lubricant	Food Grade Lubricant (White Mineral Oil)	
	Casing	ASA	PP
	Casing Cover	-	SUS304
	Impeller	ABS	PA
Cable	H05RN-F or SJTW		



PERFORMANCE CURVES

