

# POND RESIDENTIAL SUMP PUMPS



## FEATURE

- Pond-A adopts the Electrophoretic Deposition (EPD) coating on aluminum motor frame; which can prevent early corrosion and extend the product lifetime.
- Pond-S adopts the stainless steel frame, which can be used in sea water, fish pond, and water circulation for seafood.
- The strong structure design: High efficiency motor and Vortex impeller, waterproof Epoxy cable, mechanical seal and oil seal, overheat protector.
- Outlet discharge for Pond-A is available with 15mm (1/2"), 20mm (3/4"), 25mm (1"), and additional 32mm (1 1/4") with 150W model.  
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 space application.
- 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.

## APPLICATIONS

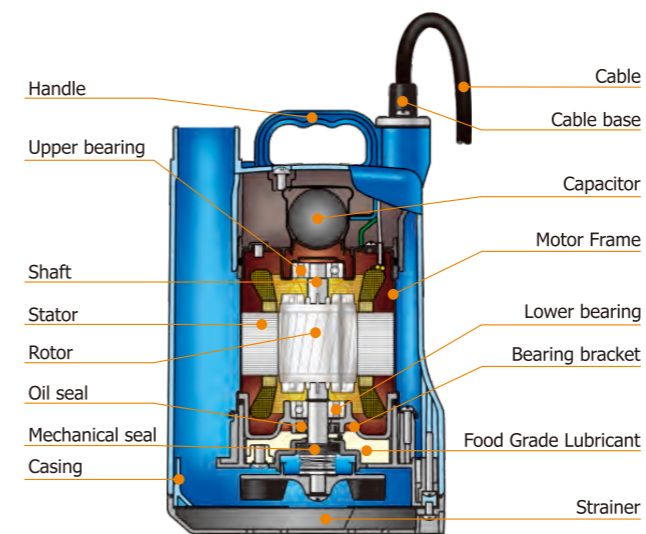
- Tank water circulating, Water recycles
- Water feature
- Water supply/drainage



POND-A



POND-S



POND-100A/150A



POND-S250



F(Float)



FV(Float)

## MOTOR FRAME



POND-A

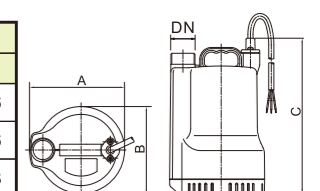


POND-S

## PERFORMANCE SPEC.

Model	Output HP(W)	Size DN Inch(mm)	Phase Ø	Start Method	Head (m)	Capacity		Solid Passage mm	Weight kg (lb)	Dimension (mm)		
						m³/min	m³/h			A	B	C
POND-100A	1/7 (100)	1" (25)	1	Direct	4.5	0.05	3.0	4	4.0	164	153	256
POND-150A	1/5 (150)	1" (25)	1	Direct	6.5	0.06	3.6	4	4.4	164	153	256
POND-S250	1/3 (250)	1 1/4" (32)	1	Direct	6.5	0.1	6.0	4	4.1	164	150	268

Note: Weight Without Cable & Outlet



## SPECIFICATIONS

Model		Pond-A	Pond-S
Discharge (mm)		15 • 20 • 25 • 32(150W)	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	50Hz	
	Motor	2P (3000RPM) • 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

