



Submersible Aerator

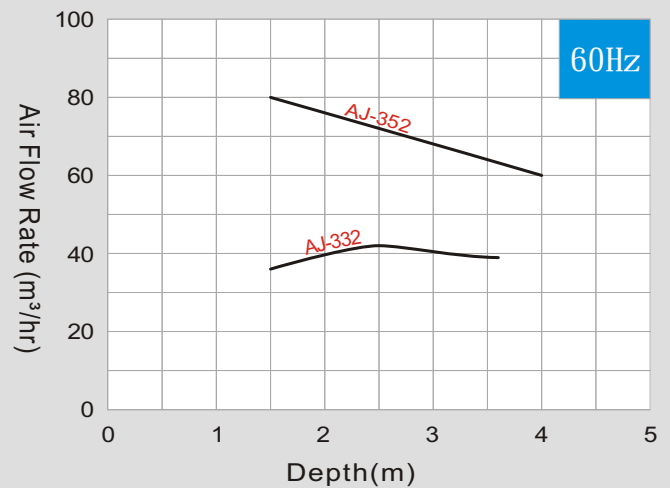
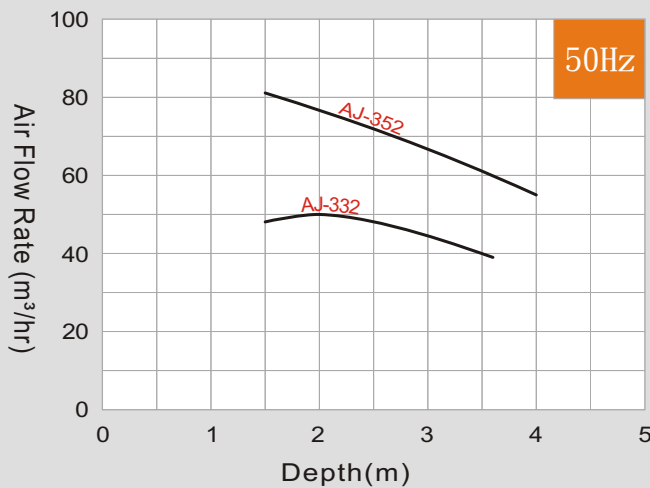
AJ-332



AJ-352



PERFORMANCE CURVE



SPECIFICATION

Type	Phase	Start Method	Voltage	Power		Caliber		Pole	Max. Water Depth	Air Flow Rate-Water Depth 50 / 60 Hz	No.of Outlets	Weight	Solid Passage
TYPE	PH		VOLT	HP	KW	Inch	mm	P	M	M³/hr		KG	mm
AJ-332	3Ø	Direct	220/380	3	2.2	2"	50	4P	3.6	39 / 38	8	126	15
AJ-352	3Ø	Direct	220/380	5	3.7	2"	50	4P	4.0	55 / 60	8	128	15



The real installation



Industry wastewater aeration treatment

APPLICATION

Industrial wastewater aeration treatment, animal husbandry sewage water aeration treatment, general sewer aeration engineering, aeration tank of the active slurry treatment in the plant, aeration of various industries and the apparatus of mixing wastewater treatment.

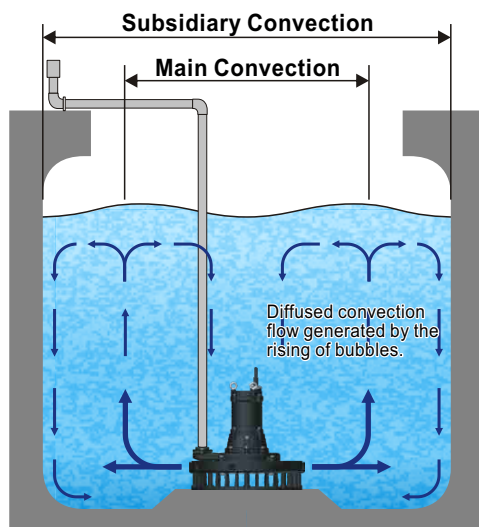
CONVECTION PATTERN

Main Convection

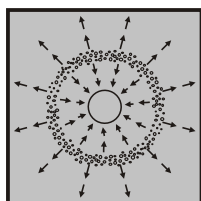
Convection made by rising bubbles. (The minimum distance that must be provided between each aerator.)

Subsidiary Convection

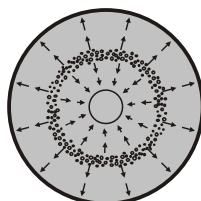
The maximum convection that can keep solids subsidiary pending to prevent sedimentation of solids.



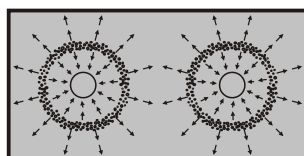
INSTALLATION CONSULTATION



A Square Tank

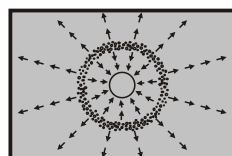


A Circle Tank



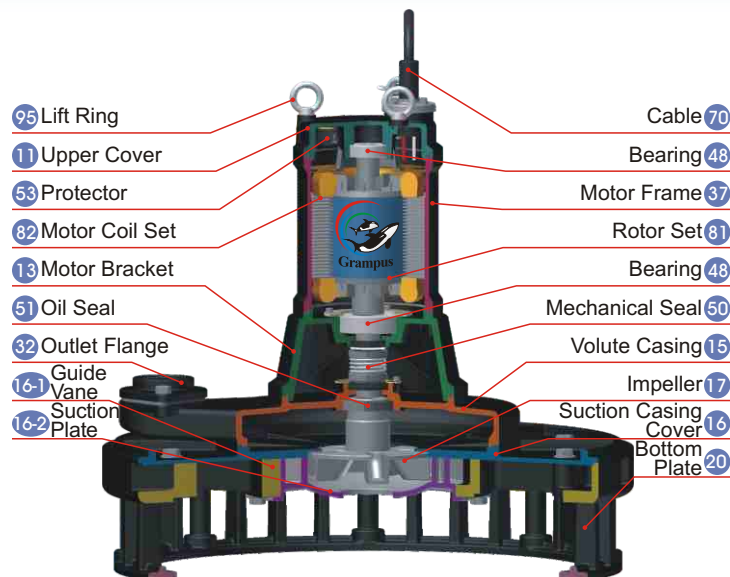
A Rectangular Tank

(L:W=2:1)



(L:W=1.5:1)

STRUCTURAL DRAWING



MATERIAL AND STANDARD TABLE

Caliber			50mm	
Coating			Epoxy	
Liquid	Temperature		0°C~40°C (32°F~104°F)	
	Application		Water treatment, plants, pond aerations, sewage, treatment, aeration, fish farming.	
	The lowest depth		▽30 M	
	Pump	Structure	Impeller	Semi-open
Seal			Dual Mechanical Seal	
Material		Upper Cover		FC-200
		Bearing		Heavy-duty bearing
		Impeller		SCS13
		Volute Casing		FC-200
		Suction Casing Cover		FCD-450
		Guide Vane		FCD-450
		Suction Plate		SCS13
		Bottom Plate		FCD-450
		Seal	Lubricant	ISO VG. # 32
Motor Side			Carbon／Ceramic	
Pump Side			Silicon Carbide／Silicon Carbide	
Inner Protector			Percipence Instrument of seal leakage	
Motor	Type		Submersible dry type	
	Insulation class		F class (155°C)	
	Inner protector		Auto Reset Motor Protector	
	Material	Casing		FC-200
		Main Shaft		SUS-410／SUS420
		Cable		Standard VCT／Optional

*Spare parts and material of pump could be made by request.