



WIND MAXX

SUBMERSIBLE EJECTOR PUMP

WJA-Series



Easy
Installation



APPLICATION

WASTEWATER

WasteWater
Treatment Plant



Wastewater
Treatment Tank



Product for Life

SUBMERSIBLE EJECTOR

WJA - SERIES

Features :

High efficiency oxygen dissolving

It has unique design for gas mixture chamber whose intake air quantity is big. It can be mixed well with water, and can produce minute and plenty of air bubble with high air dissolving rate.

Intensive mixing

The pressure produced by impeller through jet hole produces forceful water flow, which realizes jet after mixed with air to make oxygen move efficiently in water and at the same time achieve good mixing effect, which can maintain the flow rate necessary for activated sludge floating.

Quiet and noise-free

The machine unit is designed to run in water with low winding number and low noise: overland air-intake duct can be additionally equipped with silencing equipment. Cost can be reduced since no other

Constuction Description and Designed pump

The submersible ejector consists of specially designed pump for aeration. fine bubble generation mechanism, and autosetter device. The pump adopts non-clog, high efficiency

Fine Bubble Generation Mechanism

Including air inlet pipe, nozzle, mixing chamber, and diffuser, air is sucked into the mixing chamber, and mixed with water, then discharge through the diffuser

Technical Data :

Speed: 2 Pole dry type motor, with overload protector

Frequency : 50 Hz

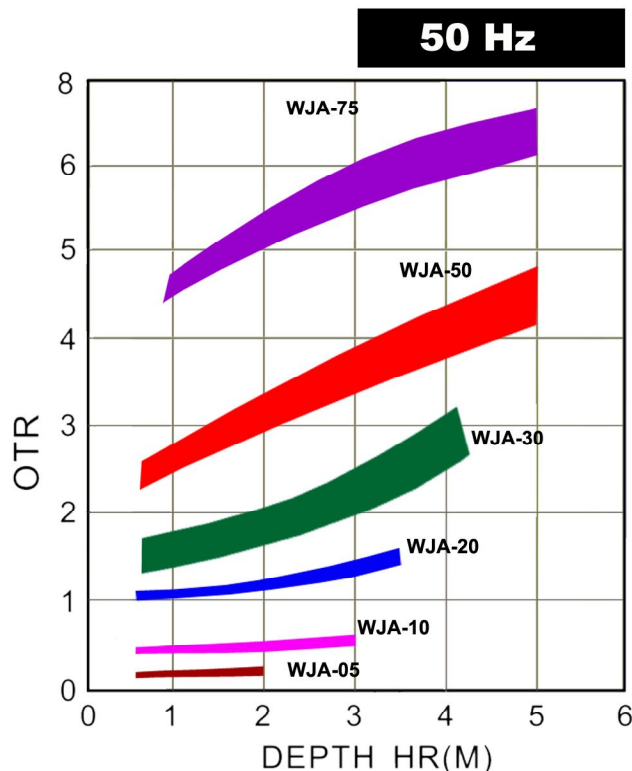
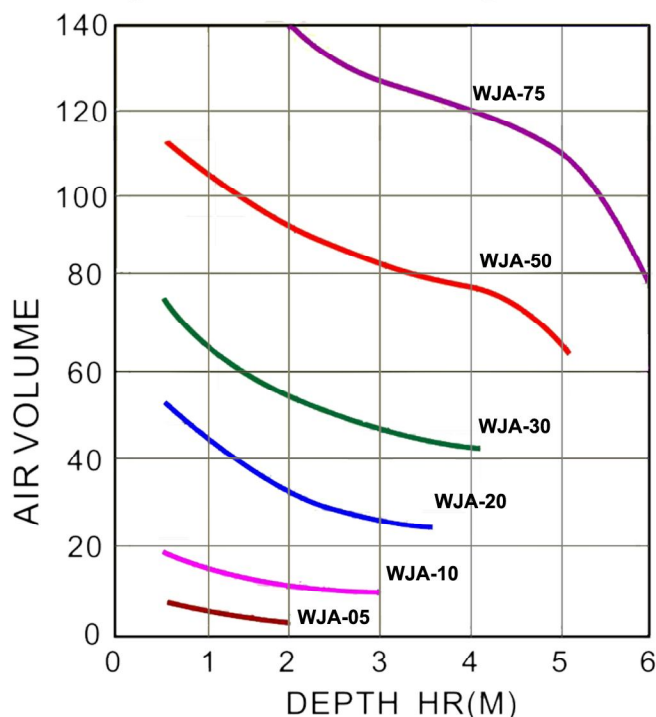
Insulation : Class F

Enclosure : IP68

Safety : Auto matec Overload Protection

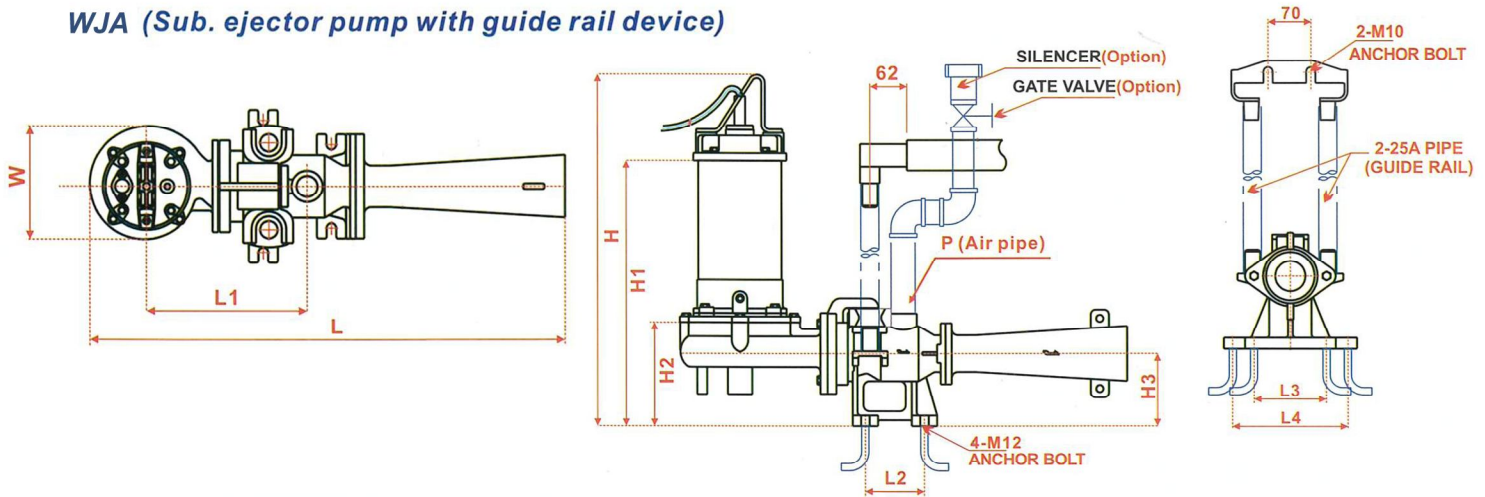


Performance Ranges



SUBMERSIBLE EJECTOR WJA - SERIES

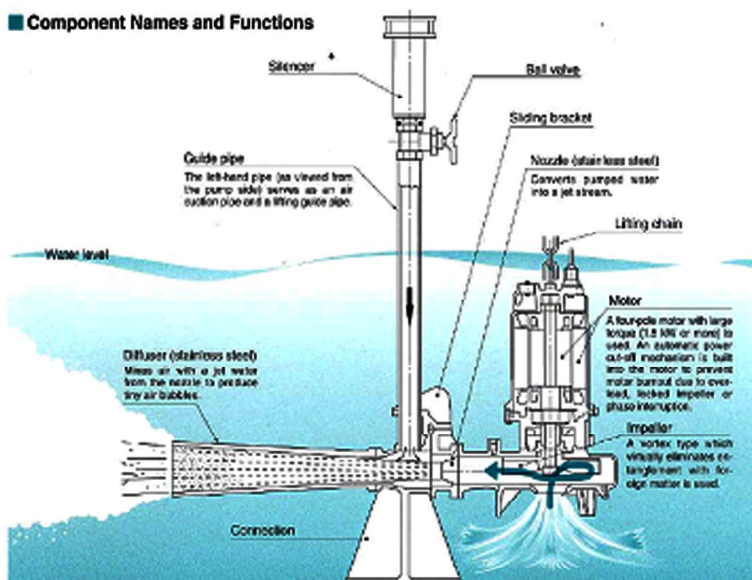
WJA (Sub. ejector pump with guide rail device)



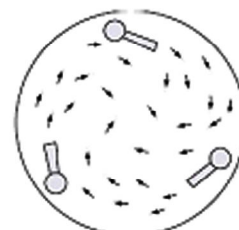
Specifications

Model	HP	Rated			Aeration Tank			Dimension(mm)						
		Air (M ³ /hr)	OTR (Kg-O ₂ /hr)	HR (M)	L (M)	W (M)	H (M)	L	L1	W	H	H2	P	(Kg)
WJA-05	0.5	5	0.12-0.23	1.5	2	1.8	2	683	231	163	465	120	25A	33
WJA-10	1	11	0.4-0.5	2	3	2.5	3	683	231	163	519	120	25A	41
WJA-20	2	28	1.2-1.4	2.5	4	3.5	3.5	753	280	208	596	120	40A	50
WJA-30	3	45	2.0-2.5	3	5	4.5	4	753	280	208	616	120	40A	52
WJA-50	5	80	3.5-4.2	3.5	6	5	5	983	480	227	749	200	50A	82
WJA-75	7.5	120	5.9-6.9	4.0	7	6	6	983	480	227	789	200	50A	80

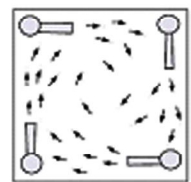
Component Names and Functions



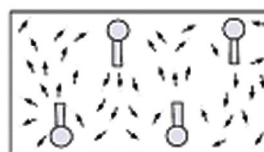
[Note] The diagram given here is for model JA.



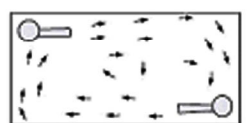
Round tank



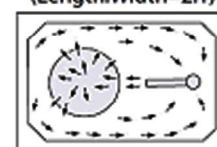
Square tank



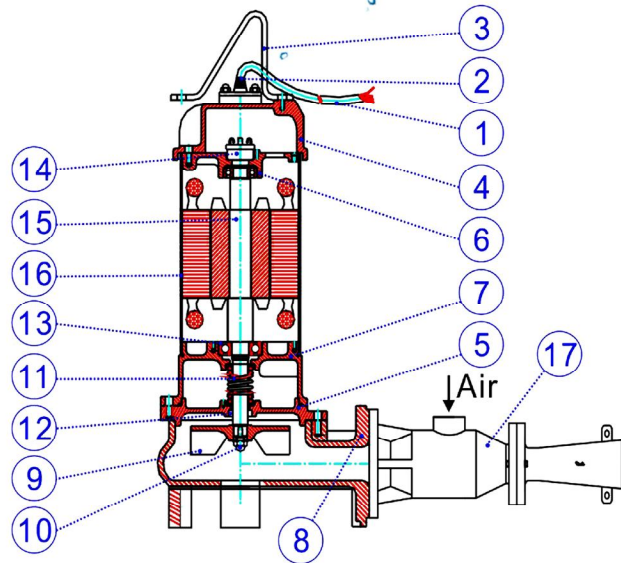
Rectangular tank
(Length:Width=2:1)



Rectangular tank
(Length:Width=5:1)



SUBMERSIBLE EJECTOR WJA - SERIES



Parts and Materials List

No.	Parts	Standard Material	N.O.	Parts	Standard Material
1	Cable	VCT	10	Nut	SUS304
2	Cable hood	PVC	11	Mech.Seal	CA/CE
3	Handle	Nylon6	12	Oil seal	NBR
4	Motor Cover	FC200	13	Bearing	Ball Bearing
5	Seal Housing	FC200	14	Overload pro- tector	YES
6	Bracket	FC200	15	Shaft	SUS 410
7	Oil chamber	FC200	16	Motor Housing	SUS 304
8	Pump Casing	FC200	17	Aerator	FC200
9	Impeller	FC200			

SOLID GRUOP

