

# ***FLYMA-JET***

**Aeration for Waste Water Treatment and Aquaculture**

**5.5 kW – 11 kW SS 304 Housing**



## ***FLYMAR LTD.***

---

2257 New Petchburi Road, Bangkok, Huay-Kwang,  
Bangkok 10320 THAILAND  
Tel : +66 (0) 2718-1991 (10 lines automatic)  
Fax : +66 (0) 2319-1844

## General Specification

Model	JSD 055-F1200	JSD 075-F1200	JSD 110-F1200
Power [kW/Hp]	5.5 / 7.5	7.5 / 10	11 / 15
Voltage [V] - Phase - Frequency	380V / 660V – 3 Ph. – 50 Hz		
Rated Current [A]	11.2	14.7	21
Insulation Class	F		
Protection Class	IP55		
Propeller	Marine Type		
Propeller Speed - Approx. [rpm]	2910	2910	2930
Float	IF.20.0A x 2	IF.20.0A x 2	IF.20.0A x 2
Weight – Approx. [Kg]	172	207	243

## Technical Data for Aerator and Mixing Tank

Oxygen Transfer Rate [Kg. O <sub>2</sub> / Hr.]	11.2	14.9	22.4
Minimum Depth [m]	1.5	2	2.5
Maximum Depth [m]	3.5	4	5
Working Distance [m]	23	25	33
Mixing Volume [cu. m]	400	550	800

## Material

Housing	Stainless Steel 304
Drive Shaft	Stainless Steel 304
Propeller	Stainless Steel 304
Mounting Bracket	Stainless Steel 304
Frame Assembly	Hot Dip Galvanized Steel
Nuts and Bolts	Stainless Steel 304
Float	Polyethylene – Polyurethane Foam Filled

Mixing volume calculated due to velocity gradient 50 Sec<sup>-1</sup> and power unit volume 10 watt/cu.m.

Specification subject to change without notice