

FLYMA-JET

Aeration for Waste Water Treatment and Aquaculture

1.5 kW – 4 kW SS 316 Housing



FLYMAR LTD.

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General Specification

Model	JSF 015-AF080	JSF 022-AF080	JSF 040-AF100
Power [kW/Hp]	1.5 / 2	2.2 / 3	4 / 5.5
Voltage [V] - Phase - Frequency	220V / 380V – 3 Ph. – 50 Hz		
Rated Current [A]	3.5	4.8	8.2
Insulation Class	F		
Protection Class	IP55		
Propeller	Marine Type		
Propeller Speed - Approx. [rpm]	2880	2880	2905
Float	AF.08.0B x 1	AF.08.0B x 1	AF.10.0B x 1
Weight – Approx. [Kg]	42	44	60

Technical Data for Aerator and Mixing Tank

Oxygen Transfer Rate [Kg. O ₂ / Hr.]	3.0	4.5	8.2
Minimum Depth [m]	1.5	1.5	1.5
Maximum Depth [m]	2.5	2.5	3.5
Working Distance [m]	12	15	20
Mixing Volume [cu. m]	100	150	300

Material

Housing	Stainless Steel 316
Drive Shaft	Stainless Steel 316
Propeller	Stainless Steel 316
Mounting Bracket	Stainless Steel 304
Nuts and Bolts	Stainless Steel 304
Float	Polyethylene – Polyurethane Foam Filled

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

Specification subject to change without notice