

EPCO/EEE AERATOR

Model no. 15kW 970 RPM

MOTOR

Power	15kw MEPS
RPM	970
Full load AMPS	27
Voltage	415V
Phase	3
Hertz	50
Enclosure	IP56
Standard	AS1359

MOTOR SHAFT

Shaft material	GR 431 stainless steel
Shaft diameter	42mm

PROPELLER

Manufacturer	Michigan Wheel
Material	Nibral std or GR316 stainless steel on demand
Diameter	450mm

DEFLECTOR

Material	GR316 stainless steel and FRP
Exterior finish	Chemical resistant gel-coat UV stabilised
Exterior colour	White
Weight	145kg

POWER MODULE SUPPORT RING

Material	Mild steel hot dip galvanised
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AERATOR FLOAT

Method of construction	Hand lay up
Material	CDM 2415 Promat and chemical resistant resin
External finish	Chemical resistant gel-coat UV stabilised
External colour	White
Internal reinforcing	10 x 1050mm OD stainless steel ring
Float diameter	2235mm
Float thickness	450mm
Sink safety factor	2.0

PERFORMANCE

Pumping rate	973lps
O ₂ transfer rate	1.5kg/kwH
Minimum diameter of complete mix @ 3 metre depth	28m
Minimum diameter of O ₂ dispersion @ 3 metre depth	70m

MISCELLANEOUS

Shipping weight of completed unit	820kg (depending on motor brand)
Height of completed unit	2300 including shipping pallet
Job site assembly	None
Warranty	12 months from start up or 15 months from delivery to site

