

EPCO/EEE AERATOR

Model no. 7.5kW 1455 RPM

MOTOR

Power	7.5kW
RPM	1455
Full load AMPS	13.4
Voltage	415V
Phase	3
Hertz	50
Enclosure	IP56
Standard	AS1359



MOTOR SHAFT

Shaft material	GR 431 stainless steel
Shaft diameter	38mm

PROPELLER

Manufacturer	Michigan Wheel
Material	Nibral std or GR316 stainless steel on demand
Diameter	350mm

DEFLECTOR

Material	GR316 stainless steel and FRP
Exterior finish	Chemical resistant gel-coat UV stabilised
Exterior colour	White
Weight	121kg

POWER MODULE SUPPORT RING

Material	HDG mild steel
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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	9.5mm x 76mm x 914mm OD stainless steel ring
Float diameter	1828mm
Float thickness	330mm
Sink safety factor	2.0

PERFORMANCE

Pumping rate	487lps
O ₂ transfer rate	1.5kg/kwH
Minimum diameter of complete mix @ 3 metre depth	20m
Minimum diameter of O ₂ dispersion @ 3 metre depth	50m

MISCELLANEOUS

Shipping weight of completed unit	477kg (depending on motor brand)
Height of completed unit	1750mm including shipping pallet
Job site assembly	None
Warranty	12 months from start up or 15 months from delivery to site

