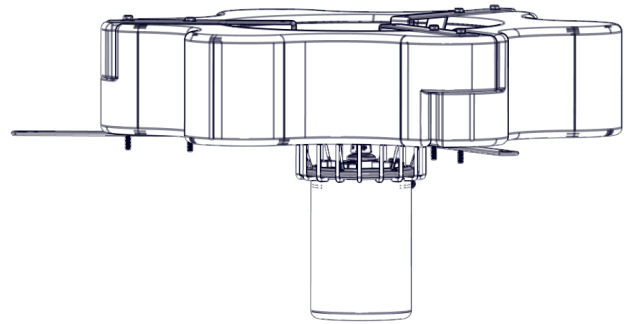# 8400AF SURFACE AERATOR

OVERVIEW

- Complete package includes assembled motor unit, float, three mooring lines, and power cable.
- Operates in 20" (51cm) of water.
- Total package Listed by ETL to UL/CSA standard
- Corrosion protection for saltwater applications
- Intake near surface allows for shallow operation
- Optional lighting

MOTOR UNIT

- 2HP, 208-240V, single phase
- 1750 RPM
- Oil cooled, continuous duty rated
- 17mm top and bottom bearings
- Thermal overload protection
- Fully unitized heavy-duty carbon ceramic mechanical Seal
- Series 300 Austenitic stainless steel can with engineering grade thermoplastic top
- Sacrificial anode
- UV-resistant thermoplastic propeller

POWER CABLE

- UL, CSA & NEC approved underwater rated cable
- SJTOW rated (SOOW on 8+ AWG)
- 3 wire (L1, L2, G)
- Quick Disconnect standard on 12+ AWG cords
- Stainless steel strain relief on 12+ AWG cords
- 6' flex sleeving protection

FLOAT

- UV-resistant linear high-density polyethylene
- Three-piece float
- Series 300 coated stainless steel hardware
- Three 50' braided nylon mooring ropes
- Optional coated stainless steel bottom screen

OPTIONAL C220 CONTROL PANEL

- UL Type 3R/4X thermoplastic enclosure
- 20-Amp breaker
- GFCI protection with 5ma trip level
- 24-hour mechanical aerator timer
- Surge protector
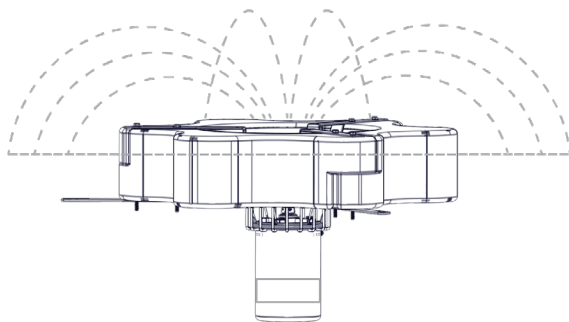- Use C85 panel if purchasing optional lighting

8400AF SURFACE AERATOR

HP	Voltage / Phase / Hz	Running Amps	Locked Rotor Amps	Suggested Pond Size (SA)	Min. Depth of Operation (in.)
2	208-240V / 1 / 60	9	40	Up to 2*	20"

*Also consider pond shape, depth, and oxygen demand.

MODEL SPECIFICATIONS

Model	Cord Length	Cord Gauge	Number of Boxes	Shipping Weight
8400AF050	50 ft.	14/3	2	105 lbs.
8400AF100	100 ft.	12/3	3	118 lbs.
8400AF150	150 ft.	12/3	3	124 lbs.
8400AF200	200 ft.	12/3	3	132 lbs.
8400AF250	250 ft.	12/3	3	138 lbs.
8400AF300	300 ft.	10/3	3	177 lbs.
8400AF400	400 ft.	8/3	3*	301 lbs.
8400AF500	500 ft.	8/3	3*	351 lbs.

* Ships motor freight only.

Pattern = 44" H x 98" W