



# 3400JF & 3400HJF

## Aerating Fountain

3/4HP, 120 or 240V, Single Phase



### Includes all 5 Patterns

#### Patterns (Upper L to R)

**Cypress**—6'H x 16'W

**Sequoia**—7'H x 4'W

**Linden**—6'H x 3'W Inner, 3.5'H x 20'W Outer

#### Patterns (Lower L to R)

**Juniper**—3'H x 20'W

**Willow**—4.5'H x 15'W

### Operation

⇒ Submersed motor with top intake draws water into the fountain housing and pushes the water past the deflector nozzle and into the air.

⇒ Individual water droplets absorb oxygen from the atmosphere and return to the body of water transferring oxygen from the air and into the water.

⇒ Moving water mixes and agitates the water, spreading oxygenated water throughout the body of water.

⇒ Single propeller and deflector nozzle design allows for greater water flow with a lower likelihood of clogging.

⇒ Thermoplastic bottom screen helps protect the motor from clogging.

### Quick Facts

- ⇒ Available in 120 or 240V Options
- ⇒ Complete Package includes Assembled Motor Unit, Power Control Panel, UV Resistant High Density Thermoplastic Float, Two 50' Braided Nylon Mooring Lines, SJTOW Rated 3 Wire Power Cable, and 5 Glass Filled UV Resistant Thermoplastic Deflector Nozzles
- ⇒ Operates in 17.5" (44.5cm) of Water
- ⇒ Total Component Listed by ETL to meet UL and CSA Standards for Safety in Water
- ⇒ Sacrificial Zinc Anode Installed for Corrosion Protection and use in Salt Water Applications
- ⇒ Series 300 Austenitic Stainless Steel Construction of Exposed Metal; Salt Water Compatible
- ⇒ 2 Year Warranty
- ⇒ UPS Shippable
- ⇒ Power Cable Potted Quick Disconnect on 12 Gauge Cord Options with Stainless Steel Strain Relief
- ⇒ Optional Bronze Halogen Lighting or LED Lighting Available
- ⇒ Energy Efficient with Excellent GPM/kW Rates
- ⇒ Industrial Strength Design
- ⇒ Top Intake for Shallow Water Operation
- ⇒ Bottom Screen included

### Features

#### Motor Unit

- ⇒ 3/4HP, 120 or 240V, Single Phase
- ⇒ 1750 RPM Motor
- ⇒ Oil Cooled, Continuous Duty Rated
- ⇒ Two Long Life Bearings
- ⇒ Thermal Overload Protection
- ⇒ Fully Unitized Heavy Duty Carbon Ceramic Mechanical Seal
- ⇒ Series 300 Austenitic Stainless Housing with Engineering Grade Thermoplastic Top

#### Power Cable

- ⇒ SJTOW UL, CSA, & NEC Approved Underwater Rated Cable
- ⇒ 3 Wire
- ⇒ Available in 50', 100', 150', and 200' (250', 300', 400', and 500' (special order) in 240V) Options (Cord Gauges depend on length and voltage)
- ⇒ Potted Quick Disconnect and Stainless Steel Strain Relief Standard on 12 Gauge Cords
- ⇒ 6' Flex Sleeve Protection

#### Optional Lights

- ⇒ 2 or 3 ETL Approved Bronze, Halogen 75W, MR-16 Fixtures with thermal overload protection
- ⇒ 3 Light LED, Sealed Fixtures with Quick Connect Splitter and No Bulb Changing

#### Float

- ⇒ U.V. Resistant High Density Thermoplastic
- ⇒ Closed Cell Foam Filling
- ⇒ Single Piece Float
- ⇒ Series 300 Stainless Steel Hardware
- ⇒ Engineering Grade Thermoplastic Bottom Screen with Stainless Steel Hardware
- ⇒ Two 50' Braided Nylon Mooring Ropes

#### Control Panel

- ⇒ U.L. Listed per N.E.C.
- ⇒ 15 Amp Class A Human Rated GFCI Outlets (120V)
- ⇒ 20 Amp Class A Human Rated GFCB (240V)
- ⇒ Surge Protector (240V)
- ⇒ GFI Outlet (120V) or Terminal Block (240V)
- ⇒ Photo Cell for Light Kit (120V) or Timer (240V)
- ⇒ NEMA Type 3r Nonmetallic Enclosure
- ⇒ 24 Hour Mechanical Timer

#### Fountain Components

- ⇒ UV Resistant Thermoplastic Impeller
- ⇒ UV Resistant Thermoplastic Draft Tube and Fountain Disc with Series 300 Stainless Steel Hardware
- ⇒ 5 UV Resistant Glass Filled Thermoplastic Deflectors with Series 300 Stainless Steel Hardware
- ⇒ Less than 5 Minute Nozzle Replacement

## Kasco 3400JF & 3400HJF Specifications

Model #	HP	Cord Length	Cord Gauge*	Voltage/Phase/Hz	Running Amps	Lock Rotor Amps	Sugg. Pond Size (SA)**	Min. Depth of Operation	Shipping Weight	Number of Boxes
3400JF050	3/4	50'	16/3	120/1/60	6.5	18	Up to 1/3	17.5"	65 Lbs.	2
3400JF100	3/4	100'	14/3	120/1/60	6.5	18	Up to 1/3	17.5"	69 Lbs.	2
3400JF150	3/4	150'	12/3	120/1/60	6.5	18	Up to 1/3	17.5"	83 Lbs.	3
3400JF200	3/4	200'	12/3	120/1/60	6.5	18	Up to 1/3	17.5"	89 Lbs.	3
3400HJF050	3/4	50'	14/3	240/1/60	2.9	9	Up to 1/3	17.5"	83 Lbs.	3
3400HJF100	3/4	100'	14/3	240/1/60	2.9	9	Up to 1/3	17.5"	86 Lbs.	3
3400HJF150	3/4	150'	12/3	240/1/60	2.9	9	Up to 1/3	17.5"	101 Lbs.	4
3400HJF200	3/4	200'	12/3	240/1/60	2.9	9	Up to 1/3	17.5"	107 Lbs.	4
3400HJF250	3/4	250'	12/3	240/1/60	2.9	9	Up to 1/3	17.5"	113 Lbs.	4
3400HJF300	3/4	300'	12/3	240/1/60	2.9	9	Up to 1/3	17.5"	120 Lbs.	4
3400HJF400	3/4	400'	12/3	240/1/60	2.9	9	Up to 1/3	17.5"	134 Lbs.	4

\* 12 AWG cords include potted quick disconnect and stainless steel strain relief.

\*\* Surface acreage (SA) is determined by multiplying length x width of the pond. The actual shape, depth, and oxygen demand should be considered when selecting a unit size.

## Kasco Optional Lighting Package Specifications

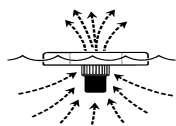
LR Light Kits include a built in, remote Low Voltage Transformer.

LED Light Kits include drivers in each fixture.

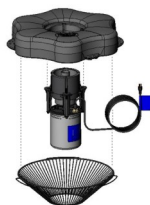
Model #	Cord Length	Number of Fixtures	Voltage/Phase/Hz	Wattage Per Fixture	Total Wattage	Lens Position	Shipping Weight	Number of Boxes
LR275050	50'	2	120/1/60	75	150	Above Water	17 Lbs.	1
LR275100	100'	2	120/1/60	75	150	Above Water	20 Lbs.	1
LR275150	150'	2	120/1/60	75	150	Above Water	24 Lbs.	1
LR275200	200'	2	120/1/60	75	150	Above Water	28 Lbs.	1
LR275250	250'	2	120/1/60	75	150	Above Water	32 Lbs.	1
LR375050	50'	3	120/1/60	75	225	Above Water	20 Lbs.	1
LR375100	100'	3	120/1/60	75	225	Above Water	24 Lbs.	1
LR375150	150'	3	120/1/60	75	225	Above Water	28 Lbs.	1
LR375200	200'	3	120/1/60	75	225	Above Water	31 Lbs.	1
LR375250	250'	3	120/1/60	75	225	Above Water	35 Lbs.	1
LR375300	300'	3	120/1/60	75	225	Above Water	38 lbs.	1
LR375400	400'	3	120/1/60	75	225	Above Water	56 lbs.	1
LED3125050	50'	3	120/1/60	9	27	Above Water	9 Lbs.	1
LED3125100	100'	3	120/1/60	9	27	Above Water	13 Lbs.	1
LED3125150	150'	3	120/1/60	9	27	Above Water	16 Lbs.	1
LED3125200	200'	3	120/1/60	9	27	Above Water	20 Lbs.	1
LED3125250	250'	3	120/1/60	9	27	Above Water	23 Lbs.	1
LED3125300	300'	3	120/1/60	9	27	Above Water	29 Lbs.	1
LED3125400	400'	3	120/1/60	9	27	Above Water	34 Lbs.	1



The Optional Bronze Lighting mounts to the float. ETL approved for Floating Fountains; UL-676. LED Lights also available.



During unit operation, water is circulated from 360° Top intake for shallow water operation.



The motor unit attaches using stainless steel hardware. Single section, U.V. resistant, high density thermo-plastic float. Bottom screen to protect the unit from debris.

Each unit includes a UL Approved Control Panel complete with Class A Human Rated GFCI Protection, 24 Hour Mechanical Timer, and Photo Eye (120V) or Timer (240V) for Optional Light Kit. NEMA Type 3r nonmetallic enclosure.



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