



# 3.3JF

## Aerating Fountain

3HP, 208/240V, 3 Phase



Includes all 6 Patterns

Patterns (Upper L to R)

- Redwood**—24'H x 8'W
- Linden**—19'H x 4.5'W Inner, 8'H x 35'W Outer
- Spruce**—21'H x 13'W
- Birch**—14.5'H x 10'W  
(Operating w/out nozzle)

Patterns (Lower L to R)

- Willow**—13'H x 35'W
- Juniper**—9'H x 48'W

**Quick Facts**

- ⇒ Complete Package includes Assembled Motor Unit, Power Control Panel, UV Resistant High Density Thermoplastic Float, Three 50' Braided Nylon Mooring Lines, SOOW 4 Wire Power Cable, and 5 UV Resistant Glass Filled Thermoplastic Deflector Nozzles to Create 6 Unique Patterns
- ⇒ Operates in 24" (61cm) of Water
- ⇒ Total Package 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
- ⇒ 3 Year Warranty
- ⇒ UPS Shippable
- ⇒ Power Cable with Potted Quick Disconnect and Stainless Steel Strain Relief
- ⇒ Optional Bronze Halogen Lighting or LED Lighting Available
- ⇒ 2 Light Sets Per Fountain with Optional Brackets
- ⇒ Energy Efficient with Excellent GPM/kW Rates
- ⇒ Industrial Strength Design
- ⇒ Top Intake for Shallow Water Operation
- ⇒ Bottom Screen with 84 Vertical Screening Bars with Less Than 1" Gaps to Keep Debris Out and Allow for Maximum Water Flow Into the Unit with additional mesh bottom screening

**Features**

Motor Unit

- ⇒ 3HP, 208/240V, 3 Phase
- ⇒ 1750 RPM Motor
- ⇒ Oil Cooled, Continuous Duty Rated
- ⇒ Two Long Life Bearings
- ⇒ Fully Unitized Heavy Duty Silicon Carbide Mechanical Seal
- ⇒ Series 300 Austenitic Stainless Steel Motor Can with Engineering Grade Thermoplastic Top

Fountain Components

- ⇒ Single UV Resistant Thermoplastic Impeller
- ⇒ UV Resistant Thermoplastic Cone and Fountain Housing with 300 Series Stainless Steel Hardware
- ⇒ All 5 Deflector Nozzles Included with 300 Series Stainless Steel Hardware
- ⇒ Glass Filled UV Resistant Thermoplastic Deflectors
- ⇒ Quick Nozzle Change/Replacement

Control Panel

- ⇒ U.L. Listed Industrial Control Panel
- ⇒ NEMA 4x/3r, Non-Metallic Enclosure
- ⇒ 5ma Personnel GFI Protection
- ⇒ Surge Protector
- ⇒ Motor Starter with Adjustable Overload
- ⇒ Hand-Off-Auto Switch
- ⇒ Two 24 Hour Timers
- ⇒ Angled Terminal Block for Wiring

Float

- ⇒ UV Resistant High Density Thermoplastic
- ⇒ 3-Piece Lap Joint Float
- ⇒ Protective Coated 300 Series Stainless Steel Hardware
- ⇒ Protective Coated, 300 Series Stainless Steel Top and Bottom Screens with additional 3/4" mesh bottom screening
- ⇒ Three 50' Braided Nylon Mooring Ropes

Power Cable

- ⇒ SOOW UL, CSA, & NEC Approved Underwater Rated Cable
- ⇒ 4 Wire Cable
- ⇒ Available in 50', 100', 150', 200', 250', 300', & 400' (500' special order) Options (Cord Gauges of 14, to 8 AWG; depending on length)
- ⇒ Potted Quick Disconnect and Stainless Steel Strain Relief
- ⇒ 6' Flex Sleeve Protection

Optional Lights

- ⇒ 3 or 6 ETL Approved Bronze, Halogen 75W, MR-16 Fixtures with thermal overload protection
- ⇒ 3 or 6 Light LED, Sealed Fixtures with Quick Connect Splitter and No Bulb Changing
- ⇒ 2 x 3 Light Kits recommended

## Kasco 3.3JF 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
3.3JF050	3	50'	14/4	240/3/60	10.3	61	Up to 1.5	24"	160 Lbs.	4
3.3JF100	3	100'	14/4	240/3/60	10.3	61	Up to 1.5	24"	167 Lbs.	4
3.3JF150	3	150'	12/4	240/3/60	10.3	61	Up to 1.5	24"	174 Lbs.	4
3.3JF200	3	200'	12/4	240/3/60	10.3	61	Up to 1.5	24"	201 Lbs.	4
3.3JF250	3	250'	12/4	240/3/60	10.3	61	Up to 1.5	24"	217 Lbs.	4
3.3JF300	3	300'	10/4	240/3/60	10.3	61	Up to 1.5	24"	254 Lbs.	4
3.3JF400	3	400'	10/4	240/3/60	10.3	61	Up to 1.5	24"	287 Lbs.	4

\* Motors and control panels will operate on either 208V or 240V, 3 phase power with 4 wire service plus ground (L1, L2, L3, N & G).

\*\* 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.

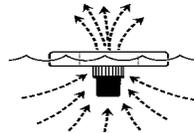
## Kasco Optional Lighting Package Specifications

	Model #	Cord Length	Number of Fixtures	Voltage/Phase/Hz	Wattage Per Fixture	Total Wattage	Lens Position	Shipping Weight	Number of Boxes
LR Light Kits include a built in, remote Low Voltage Transformer.	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
LED Light Kits include drivers in each fixture.	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

### 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.
- ⇒ Single impeller and deflector nozzle design allows for greater water flow with a lower likelihood of clogging.
- ⇒ Stainless Steel bottom screen

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



The motor unit attaches using stainless steel hardware. 3 section, U.V. resistant, high density thermo-plastic float. Bottom screen to protect the unit from debris.



Each 3.3JF Includes a UL Approved, 208/240V Power Control Panel complete with 5ma Personnel Protected Ground Fault Interrupter, two 24 Hour Mechanical Timers, Surge Protector, and Hand-Off-Auto switch. NEMA Type 4x/3r non-metallic enclosure.



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

LED Lights also available.

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