



4400VFX & 4400HVFX

Aerating Fountain

1HP, 120 or 240V, Single Phase



Operation

- ⇒ Submersed motor with top intake draws water into the fountain housing and pushes the water past the deflector disc 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 disc design allows for greater water flow with a lower likelihood of clogging.
- ⇒ Coated stainless steel bottom screen with 84 vertical bars with less than 1" gaps shall catch large debris and assist in reducing the likelihood of clogging while allowing for maximum water flow into the unit.

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, and SJTOW Rated 3 Wire Power Cable
- ⇒ Operates in 19" (49cm) 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 & 18-8 Stainless Steel Construction of Exposed Metal; Salt Water Compatible
- ⇒ 2 Year Warranty
- ⇒ UPS Shippable
- ⇒ Power Cable Potted Quick Disconnect on 12 and 10 Gauge Cord Options with Stainless Steel Strain Relief
- ⇒ Made in the USA
- ⇒ Optional Low Voltage Lighting Package with 3 Machined Bronze Fixtures, Thermal Overload Protection, and 3 Internal Seals
- ⇒ 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

Single "V" Shape
Pattern 8' H x 26' W

Features

Motor Unit

- ⇒ 1HP, 120 or 240V, Single Phase
- ⇒ 1750 RPM Motor
- ⇒ Oil Cooled
- ⇒ Continuous Duty Large Frame Motor
- ⇒ Double Bearing
- ⇒ Thermal Overload Protection
- ⇒ Fully Unitized Heavy Duty Elastomer Bellows Mechanical Seal
- ⇒ Series 300 Austenitic Stainless Housing with Engineering Grade Thermoplastic Top

Power Cable

- ⇒ SJTOW UL, CSA, & NEC Approved Underwater Rated Cable
- ⇒ 3 Wire (2 Hot and 1 Ground)
- ⇒ Available in 50', 100', 150', and 200' Options (Cord Gauges 14, 12, and 10 AWG; depending on length and voltage)
- ⇒ Potted Quick Disconnect and Stainless Steel Strain Relief Standard on 10 and 12 Gauge Cords
- ⇒ 6' Flex Sleeve Protection

Fountain Components

- ⇒ UV Resistant 4 Blade Engineered Thermoplastic Propeller with All Blades on the Same Plane
- ⇒ UV Resistant Thermoplastic Draft Tube and Fountain Disc with 18-8 Stainless Steel Hardware

Float

- ⇒ U.V. Resistant High Density Thermoplastic
- ⇒ Single Piece Float
- ⇒ 18-8 Stainless Steel Hardware
- ⇒ Protective Coated Stainless Steel Bottom Screen; 84 Vertical Screening Bars w/ Gaps Tapered from .875" to .188" on Bottom Screen
- ⇒ Two 50' Braided Nylon Mooring Ropes

Control Panel

- ⇒ U.L. Listed per N.E.C.
- ⇒ 15 Amp Class A Human Rated GFCI Breaker (120V)
- ⇒ 20 Amp Double Pole Square D® Class A Human Rated GFCB (240V)
- ⇒ Surge Protector (240V)
- ⇒ Photo Cell for Light Kit
- ⇒ NEMA Type 3R Weatherproof Enclosure
- ⇒ 24 Hour Mechanical Timer

Optional Lights

- ⇒ 3 Machined Bronze Fixtures
- ⇒ 12V, 50W MR-16 Bulbs
- ⇒ Thermal Overload Protection
- ⇒ Triple Sealed
- ⇒ ETL Approved for Floating Fountains; UL-676

Kasco 4400VFX & 4400HVFX 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
4400VFX050	1	50'	14	120/1/60	11.3	40	Up to 3/4	19"	65 Lbs.	2
4400VFX100	1	100'	12	120/1/60	11.3	40	Up to 3/4	19"	75 Lbs.	3
4400VFX150	1	150'	10	120/1/60	11.3	40	Up to 3/4	19"	96 Lbs.	3
4400VFX200	1	200'	10	120/1/60	11.3	40	Up to 3/4	19"	107 Lbs.	3
4400HVFX050	1	50'	14	240/1/60	5.7	20	Up to 3/4	19"	88 Lbs.	3
4400HVFX100	1	100'	14	240/1/60	5.7	20	Up to 3/4	19"	93 Lbs.	3
4400HVFX150	1	150'	12	240/1/60	5.7	20	Up to 3/4	19"	108 Lbs.	4
4400HVFX200	1	200'	12	240/1/60	5.7	20	Up to 3/4	19"	114 Lbs.	4

* 10 and 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.

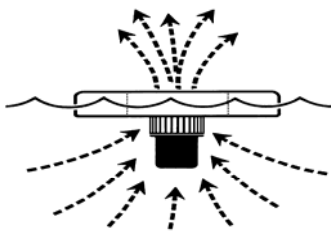
Kasco Optional Light Package Specifications

Model #	Cord Length	Number of Fixtures	Voltage/Phase/Hz	Wattage Per Fixture	Total Wattage	Lens Position	Shipping Weight	Number of Boxes	Fountain Used With
L350T050	50'	3	12/1/60	50	150	Above Water	32 Lbs.	1	4400VFX050
L350T100	100'	3	12/1/60	50	150	Above Water	38 Lbs.	1	4400VFX100
L350T150	150'	3	12/1/60	50	150	Above Water	61 Lbs.	1	4400VFX150
L350T200	200'	3	12/1/60	50	150	Above Water	75 Lbs.	1	4400VFX200
L350050	50'	3	12/1/60	50	150	Above Water	23 Lbs.	1	4400HVFX050
L350100	100'	3	12/1/60	50	150	Above Water	30 Lbs.	1	4400HVFX100
L350150	150'	3	12/1/60	50	150	Above Water	54 Lbs.	1	4400HVFX150
L350200	200'	3	12/1/60	50	150	Above Water	66 Lbs.	1	4400HVFX200

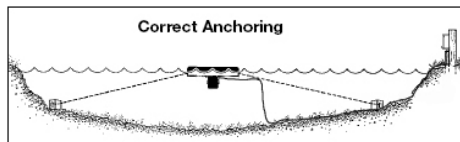
L350T Light Kit Models include a Low Voltage Transformer. L350 Light Kit Models are used on 240V Fountains with a built in Transformer in the Control Panel.



The Optional Lighting Package easily mounts to the float and can be purchased and added at any time. ETL approved for Floating Fountains; UL-676.



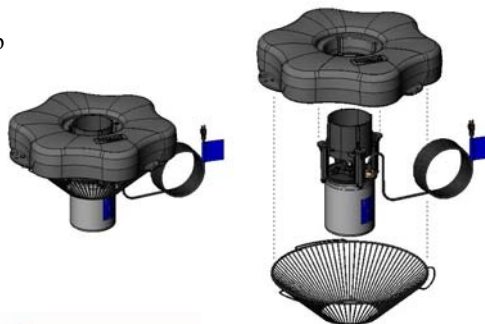
During unit operation, water is circulated from 360° around the unit as well as from below. Top intake for shallow water operation.



Assembly and Installation of Kasco equipment is quick and easy. Each unit includes an Owners Manual with specific steps to assemble, install, and operate the equipment properly.



Each unit includes a UL Approved Control Panel complete with Class A Human Rated GFCI Protection, 24 Hour Mechanical Timer, and Photo Eye for Optional Light Kit. NEMA Type 3R weatherproof enclosure.



The motor unit attaches to the float using stainless steel hardware for a secure assembly. The single section, U.V. resistant, high density thermoplastic float allows for excellent durability with an attractive shape and low visibility. The rigid bottom screen help protect the unit from debris and reduce the likelihood of clogging.

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