5.3VFX
Aerating Fountain
5HP, 208/240V, 3 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 additional 3/4" mesh screening to catch large debris and assist in reducing the likelihood of clogging while allowing for maximum water flow into the unit.

Quick Facts
⇒ Complete Package includes Assembled Motor Unit, Power Control Panel, UV Resistant High Density Thermoplastic Float, Three 50' Braided Nylon Mooring Lines, SOOW Rated 4 Wire Power Cable, with single V shape display
⇒ Operates in 26" (66cm) 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

Single "V" Shape Pattern 9' H x 34' W

Features

Motor Unit
⇒ 5HP, 208/240V, 3 Phase
⇒ 1750 RPM Motor
⇒ Oil Cooled, Continuous Duty Rated
⇒ Two Long Life Bearings
⇒ Thermal Overload Protection
⇒ Fully Unitized Heavy Duty Silicon Carbide Mechanical Seal
⇒ Series 300 Austenitic Stainless Housing with Engineering Grade Thermoplastic Top

Power Cable
⇒ SOOW UL, CSA, & NEC Approved Underwater Rated Cable
⇒ 4 Wire Cable
⇒ Available in 100', 150', 200', 250', 300', or 400' (500' special order) Options (Cord Gauges depend on length) (No plugs)
⇒ Potted Quick Disconnect and Stainless Steel Strain Relief Standard
⇒ 6' Flex Sleeve Protection

Fountain Components
⇒ 3 Blade Engineered Thermoplastic Propeller with Series 300 Stainless Steel Insert and All Blades on the Same Plane
⇒ UV Resistant Thermoplastic Draft Tube and Fountain Disc with Series 300 Stainless Steel Hardware

Float
⇒ UV Resistant High Density Thermoplastic
⇒ 3-Piece Lap Joint Float
⇒ Protective Coated Series 300 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

Control Panel
⇒ U.L. Listed Industrial Controller
⇒ 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

Optional Lights
⇒ 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
⇒ 2 x 3 Light Kits recommended

Kasco 5.3VFX 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
5.3VFX100	5	100’	14/4	240/3/60	16	97	Up to 2.5	26”	192 Lbs.	4
5.3VFX150	5	150’	12/4	240/3/60	16	97	Up to 2.5	26”	213 Lbs.	4
5.3VFX200	5	200’	10/4	240/3/60	16	97	Up to 2.5	26”	242 Lbs.	4
5.3VFX250	5	250’	10/4	240/3/60	16	97	Up to 2.5	26”	261 Lbs.	4
5.3VFX300	5	300’	8/4	240/3/60	16	97	Up to 2.5	26”	364 Lbs.	4
5.3VFX400	5	400’	8/4	240/3/60	16	97	Up to 2.5	26”	422 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.

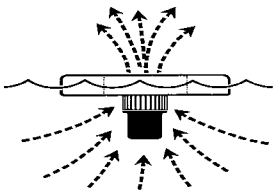
Kasco Optional Light Package Specifications

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

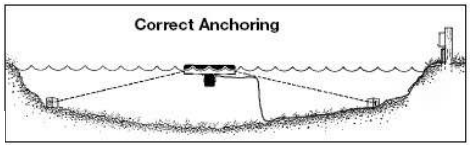
LED Light Kits include drivers in each fixture.

Model #	Cord Length	Number of Fixtures	Voltage/ Phase/Hz	Wattage Per Fixture	Total Wattage	Lens Position	Shipping Weight	Number of Boxes
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.



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.

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

Each 5.3JF 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.

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