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Fluval 15004

Fluval Flex 9 Gallon Glass Aquarium Kit Instruction Manual

Model: 15004

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Fluval Flex 9 Gallon Glass Aquarium Kit. The Fluval Flex aquarium is designed for freshwater use, featuring a contemporary design with a curved front, adjustable LED lighting, and a powerful 3-stage filtration system. Please read this manual thoroughly before beginning setup to ensure proper installation and safe operation.



Image 1.1: The Fluval Flex 9 Gallon Glass Aquarium Kit, showcasing its curved front and integrated lighting.

2. SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of fire, electric shock, or injury to persons. This includes:

- Ensure the aquarium is placed on a sturdy, level surface capable of supporting its full weight when filled with water.
- Do not operate any appliance if it has a damaged cord or plug, or if it malfunctions or has been dropped or damaged in any manner.
- To avoid the possibility of the appliance plug or receptacle getting wet, position the aquarium to one side of a wall-mounted receptacle to prevent water from dripping onto the receptacle or plug.
- A 'drip loop' should be arranged for each cord connecting an aquarium appliance to a receptacle. The drip loop is the part of the cord below the level of the receptacle, or the connector if an extension cord is used, to prevent water from traveling along the cord and coming into contact with the receptacle.
- Never pull the cord to unplug from the outlet. Grasp the plug and pull to disconnect.
- Always unplug an appliance from an outlet when not in use, before putting on or taking off parts, and before cleaning.
- This appliance is intended for household use only.

3. PACKAGE CONTENTS

Verify that all components are present and in good condition before proceeding with setup:

- Fluval Flex 9 Gallon Glass Aquarium with integrated hood and LED lighting system
- FLEXPad Remote Control for LED lighting
- Circulation Pump
- Foam Filter Block (Mechanical Filtration)
- Activated Carbon Insert (Chemical Filtration)
- BIOMAX Insert (Biological Filtration)
- Power Adapter



Image 3.1: Packaging of the Fluval Flex Freshwater Kit, highlighting key features and included components.

4. SETUP

Follow these steps for the initial setup of your Fluval Flex aquarium:

- Placement:** Choose a suitable location for your aquarium. Ensure the surface is strong enough to support the weight of the filled aquarium (approximately 90 lbs for 9 gallons of water plus substrate and decorations). The location should be away from direct sunlight, heat sources, and drafts.
- Rinsing:** Rinse the aquarium glass, filter media, and any decorations thoroughly with clean water. Do not use soap or detergents.
- Filter Media Installation:** Install the provided filter media into the rear filter compartment. The typical order is: Foam (mechanical) first, followed by Activated Carbon (chemical), and then BIOMAX (biological). Refer to the diagram below for correct placement.
- Pump Installation:** Place the circulation pump into its designated section within the rear filter compartment. Ensure the multi-directional dual outputs are correctly attached and positioned.
- Substrate and Decorations:** Add your chosen substrate (gravel, sand) and decorations.

6. **Filling the Aquarium:** Carefully fill the aquarium with dechlorinated water. Leave a small gap from the top edge to prevent overflow.
7. **Power Connection:** Connect the power adapter to the LED lighting system and the circulation pump. Ensure a drip loop is formed for all electrical cords. Plug the power adapter into a suitable electrical outlet.
8. **Initial Operation:** The pump and lights should now be operational. Allow the filtration system to run for at least 24-48 hours before introducing any aquatic life to allow the water to stabilize.

MULTI-STAGE FILTRATION

Powerful 3-stage filtration with oversized **1** Mechanical, **2** Chemical, and **3** Biological media for optimal water quality.



Image 4.1: Diagram illustrating the 3-stage filtration system with mechanical foam, chemical carbon, and biological BIOMAX media.

5. OPERATING INSTRUCTIONS

5.1 LED Lighting System

The Fluval Flex features a fully adjustable 7500K LED lamp with White + RGB LEDs, controlled by the included FLEXPAD remote. This system supports plant growth and allows for a wide range of color blends and special effects.

- **Power On/Off:** Use the designated power button on the FLEXPAD remote to turn the lights on or off.
- **Color Adjustment:** The remote allows you to select from over 80 colors and adjust the intensity of White,

Red, Green, and Blue LEDs to create custom hues.

- **Special Effects:** Access pre-programmed effects such as fading cloud cover, lightning bolts, and full color cycle via the remote.
- **Dimming:** Adjust the brightness of the lights using the dimming controls on the remote.

FLEXPAD REMOTE

Controls a wide range of hues to suit any style or desired mood effect.

ENDLESS COLOR BLENDS

Special effects include cloud cover, storm and full color cycle.

SPECIAL EFFECTS



Image 5.1: The FLEXPAD remote control, demonstrating its various color and effect options for the LED lighting.

5.2 Filtration System

The integrated 3-stage filtration system continuously works to maintain water quality. The circulation pump ensures water passes through the mechanical, chemical, and biological media.

- **Water Flow:** The multi-directional dual outputs can be adjusted to customize water flow within the aquarium, ensuring proper circulation and oxygenation.
- **Hidden Compartment:** The rear filter compartment is designed to conceal the filtration components and water line, contributing to the aquarium's clean aesthetic.

ADDITIONAL FEATURES

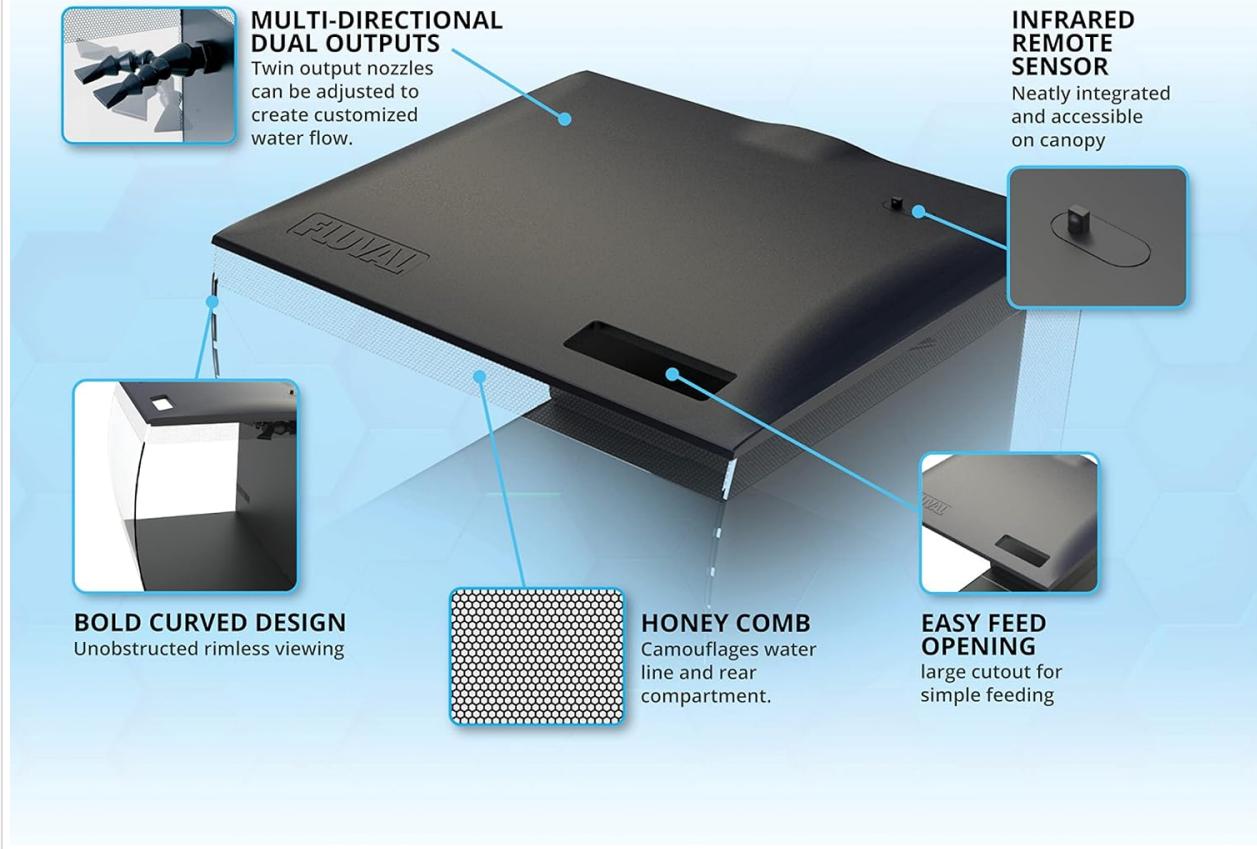


Image 5.2: Overview of additional features including multi-directional dual outputs, infrared remote sensor, bold curved design, honeycomb wrap, and easy feed opening.

6. MAINTENANCE

Regular maintenance is crucial for a healthy aquatic environment.

- **Water Changes:** Perform partial water changes (25-30%) weekly or bi-weekly, depending on your aquarium's inhabitants and bioload. Always use dechlorinated water.
- **Filter Media Cleaning/Replacement:**
 - **Foam Filter Block:** Rinse the foam block in old aquarium water during water changes to remove trapped debris. Replace every 2-4 weeks or when visibly degraded.
 - **Activated Carbon Insert:** Replace activated carbon every 2-4 weeks. Carbon absorbs impurities and medications but becomes saturated over time.
 - **BIOMAX Insert:** Rinse BIOMAX media gently in old aquarium water only when necessary to remove excessive sludge. Do not replace biological media unless it is severely degraded, as it houses beneficial bacteria.
- **Aquarium Cleaning:** Clean the interior glass surfaces regularly to remove algae buildup. The easy feed top cover opening facilitates access for feeding and minor cleaning tasks.
- **Pump Maintenance:** Periodically check the circulation pump for blockages and clean the impeller if

necessary to ensure optimal water flow.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Fluval Flex aquarium.

- **No Power to Lights or Pump:**

- Check if the power adapter is securely plugged into both the aquarium and the wall outlet.
- Verify the wall outlet is functional by plugging in another appliance.
- Ensure the FLEXPAD remote has working batteries and is pointed at the infrared remote sensor on the canopy.

- **Cloudy Water:**

- **New Tank Syndrome:** Common in new setups. Allow the biological filter to establish (cycling process). Avoid overfeeding.
- **Overfeeding:** Reduce food quantity.
- **Insufficient Filtration:** Check if filter media is clogged and clean/replace as needed. Ensure the pump is operating correctly.

- **Reduced Water Flow from Pump:**

- Check for blockages in the pump intake or impeller. Disassemble and clean the pump.
- Ensure filter media is not excessively clogged.

- **Remote Control Not Responding:**

- Replace the batteries in the FLEXPAD remote.
- Ensure there are no obstructions between the remote and the infrared sensor on the aquarium canopy.

8. SPECIFICATIONS

Feature	Specification
Model Name	Hagen Flex Freshwater Kit - Black - 9 gal
Item Model Number	15004
Aquarium Capacity	9 US Gallons (34 L)
Dimensions (L x W x H)	13.78" L x 13.19" W x 12.8" H (35 x 33 x 33 cm)
Item Weight	11.08 pounds (5.04 Kilograms)
Material	Acrylic (Note: Product description states Glass, but specifications list Acrylic. Please verify with product packaging.)
LED Color Temperature	7500K

Feature	Specification
LEDs	36 + 3 RGB
Pump Output	61 US GPH (230 LPH)
Wattage	7W
Color	Black
UPC	015561150040

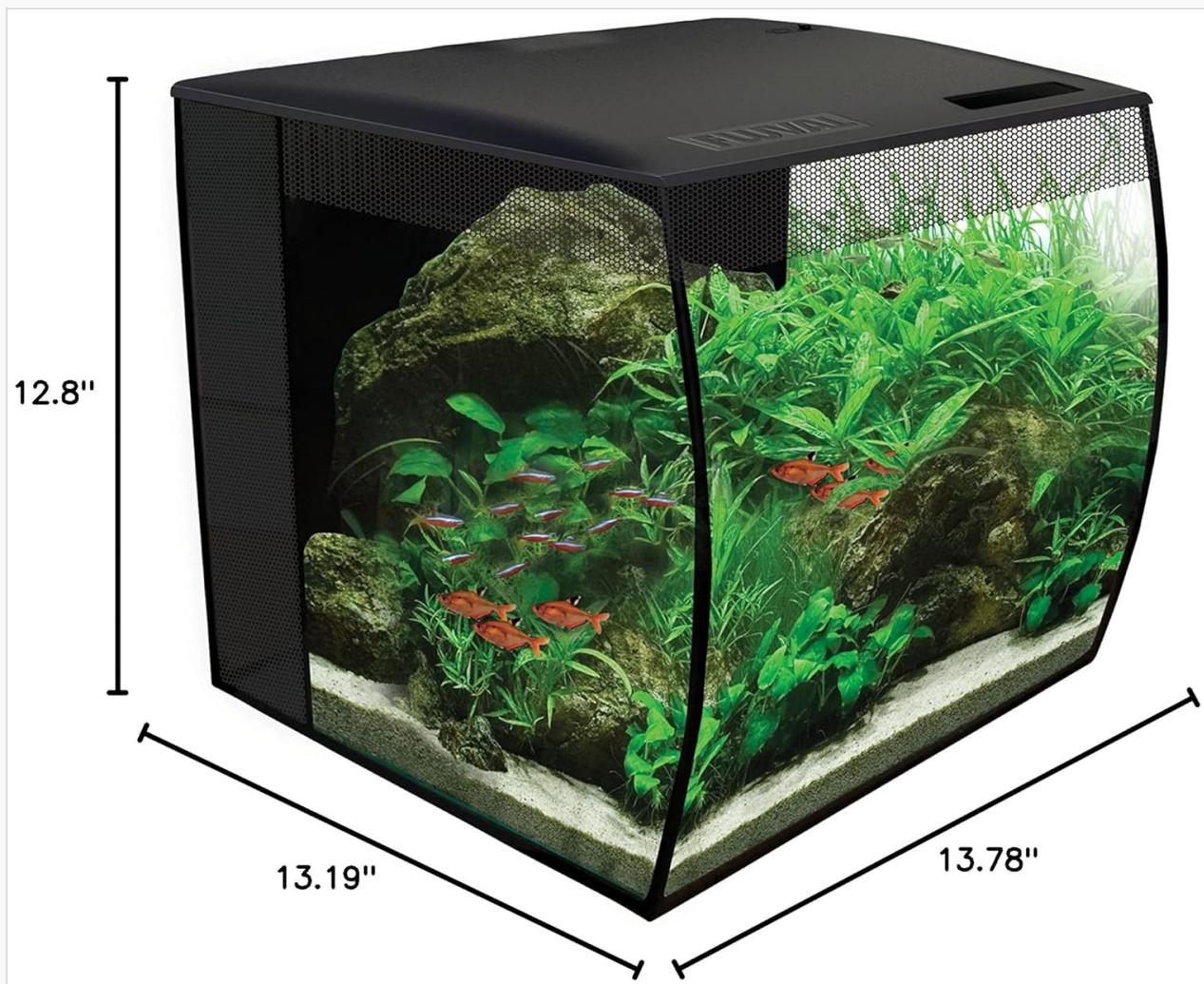


Image 8.1: Dimensional diagram of the Fluval Flex 9 Gallon Aquarium.



	FLEX 9	FLEX 9	FLEX 15	FLEX 15
COLOR	Black	White	Black	White
UPC	015561150040	015561150057	015561150064	015561150088
AQUARIUM CAPACITY	9 US Gal (34 L)	9 US Gal (34 L)	15 US Gal (57 L)	15 US Gal (57 L)
WATTAGE	7W	7W	10.8W	10.8W
LUX	1900 lm	1900 lm	2450 lm	2450 lm
COLOR TEMP.	7500K	7500K	7500K	7500K
LEDs	36 + 3 RGB	36 + 3 RGB	48 + 6 RGB	48 + 6 RGB
PUMP OUTPUT	61 US GPH (230 LPH)	61 US GPH (230 LPH)	132 US GPH (500 LPH)	132 US GPH (500 LPH)
DIMENSIONS (L x W x H)	14" L x 13" W x 13" H (35 x 33 x 33 cm)	14" L x 13" W x 13" H (35 x 33 x 33 cm)	16" L x 15" W x 15" H (41 x 39 x 39 cm)	16" L x 15" W x 15" H (41 x 39 x 39 cm)

Image 8.2: Comparison table for Fluval Flex 9 and Flex 15 models, detailing specifications like capacity, wattage, and dimensions.

9. WARRANTY AND SUPPORT

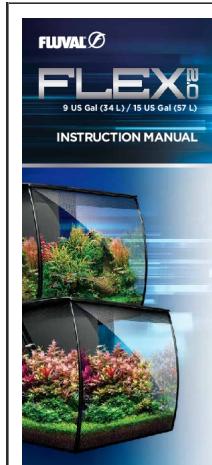
This Fluval Flex Aquarium Kit is covered by a Manufacturer Warranty. For specific details regarding warranty coverage, duration, and claims, please refer to the documentation included with your product or contact Fluval customer support directly.

For technical assistance, replacement parts, or further inquiries, please visit the official Fluval website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

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Related Documents - 15004

	Fluval Vicenza & Venezia Aquarium Kits: Instruction Manual Comprehensive instruction manual for Fluval Vicenza and Venezia aquarium kits, covering setup, installation of filters and heaters, decoration, lighting, and maintenance. Includes safety guidelines and technical specifications.
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IMPORTANT SAFETY INSTRUCTIONS

WARNING: To prevent against injury to users, strict safety instructions should be observed.

1. READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

2. DANGER: To avoid possible electric shock, special care should be taken since the power cord is not insulated. If the power cord is damaged, do not use the appliance. Never attempt to repair this appliance yourself. Return the appliance to an authorized service center. If the power cord is damaged, it must be replaced by the manufacturer or a qualified person only. If the power cord is damaged, the appliance must be disconnected from the power source. If the power cord is damaged, it must be replaced by the manufacturer or a qualified person only.

3. DANGER: Do not immerse this aquarium in the water. Do NOT fracture the flexible power cord. If the flexible power cord is fractured, it must be replaced by the manufacturer or a qualified person only. If the flexible power cord is fractured, the aquarium must be disconnected from the power source. If the flexible power cord is fractured, it must be replaced by the manufacturer or a qualified person only. Carefully examine the appliance after installation. It should not be damaged in any way.

4. DANGER: To avoid the possibility of the appliance plug getting wet, position the power cord so that it does not hang over the edge of the aquarium. If the power cord is hanging onto the neckline, a "pig's loop" should be arranged by the user. The "pig's loop" is the part of the cord that connects the level of the neckline of the aquarium to the point where the cord enters the power outlet. If the power cord is not arranged in this way, water may enter the power outlet and cause a short circuit or a circuit breaker will trip. To prevent this, then arrange the flexible power cord so that it does not hang over the edge of the aquarium.

5. DANGER: This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. Cleaning and user maintenance should not be carried out by children without supervision.

6. Always unplug the appliance from the outlet when not in use, before putting on or taking off the filter and before cleaning. Never pull on the cord to pull the plug from the outlet.

7. Do not use attachments not recommended by the manufacturer. The use of attachments not recommended by the manufacturer may cause a fire or a short circuit.

7. Do not use or store the appliance where it will be exposed to weather or temperatures below 0°C.

[Fluval FLEX 2.0 Aquarium Instruction Manual: Setup, Safety, and Maintenance Guide](#)

Comprehensive instruction manual for the Fluval FLEX 2.0 Aquarium kit, covering safety guidelines, setup instructions for 9 and 15 US Gallon models, remote control operation, maintenance, and warranty information.



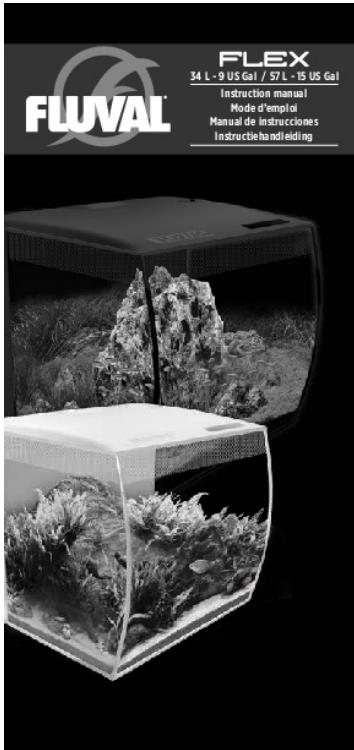
[Fluval CO₂ Indicator Kit: Aquarium CO₂ Monitoring Instructions & Guide](#)

Learn how to use the Fluval CO₂ Indicator Kit to monitor carbon dioxide levels in your aquarium, ensuring optimal conditions for live plants. This guide provides step-by-step instructions and color chart interpretation for maintaining healthy aquatic environments.



[Fluval E Series Advanced Electronic Aquarium Heater: User Manual and Warranty Information](#)

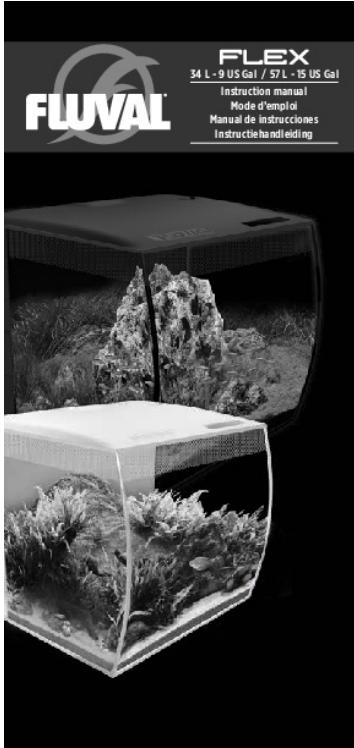
Comprehensive instructions for the Fluval E Series electronic aquarium heater, covering setup, operation, safety guidelines, maintenance, error codes, and warranty registration. Features VueTECH technology for precise aquarium temperature control.



[\[pdf\]](#) User Manual Instructions

important safety instructions FluvalaquaticsDANGER To avoid possible electrical shock special care should be taken since water is employed in the use of aquarium equipment15004 5 FLEX Manual ENG FR SP NL WEBfluvalaquatics manuals 15004 WEB |||

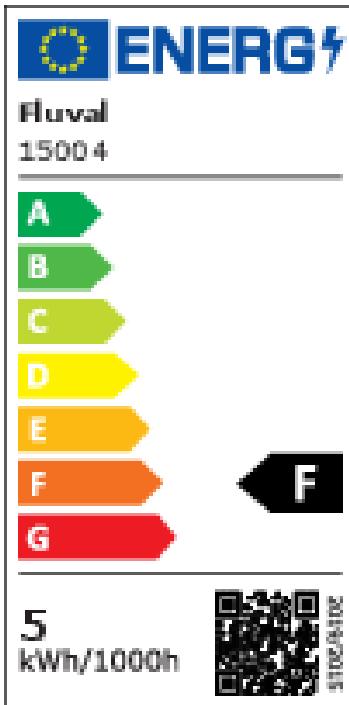
34 L - 9 US Gal / 57 L - 15 US Gal Instruction manual Mode d'emploi Manual de instrucciones Instructiehandleiding EN **IMPORTANT SAFETY INSTRUCTIONS**
WARNING - To guard against injury, basic safety precautions should be observed, including the following: 1. READ AND FOLLOW ALL SAFETY INSTRUCTIONS. 2....
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[\[pdf\]](#) User Manual Instructions

34 L 9 US Gal 57 15 Instruction manual Mode Installing your Aquarium 1 Thoroughly rinse the aquarium cover and remove media from poly bags using fresh water a damp cloth Never use soap on any component placed in 15004 5 FLEX Manual ENG FR SP NL WEB fluvalaquatics manuals |||

34 L - 9 US Gal / 57 L - 15 US Gal Instruction manual Mode d'emploi Manual de instrucciones Instructiehandleiding EN **IMPORTANT SAFETY INSTRUCTIONS**
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[\[pdf\] Borchure Catalog](#)

Fluval Aquarium Brochure 2020 hagen news catalogues

AQUARIUMS DESIGNED FOR LIVING THE ULTIMATE RANGE hagen page 1

TABLE OF CONTENTS 4 Roma Aquarium Se ... AQUASKY FOR INFINITE COLOR

BLENDS CABINETS 14987 Black 14988 White ITEM # AQUARIUM SIZE FLEX 34 L

15004 Black 15005 White 35 cm L x 33 cm H x 33 cm D 14 x 13 x 13 LEDs 36

WATTAGE 7 W C...

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Folie 1 Michael Hein Datenblatt Aquarium Unterschrank Fluval Flex 57 l 41 5 x 42 77 cm schwarz bei

HORNBACH kaufen 6410730 Doc 01 DE 20170725221700 cdn hornbach de data shop D04 001 780 491 203 632 |||

Fluval FLEX Nano-Aquarienset Das brandneue FLEX Nano-Aquarienset sorgt mit seiner markanten konkaven ... nbedienung ausgestattet, mit der Sie zwischen verschiedenen Farb- und Special-Effects wechseln knnen. **15004** 15007 Pumpe Aquarium Spezifikationen: Artikel: Gre: Inhalt: **15004** 35 x 33 x 33 cm 34 Liter...

lang:de score:23 filesize: 564.61 K page_count: 3 document date: 2017-07-24

Product Information Sheet		Date: 22.03.2021	Revision: 1.0
According to regulation (EU) 2019/2015 Rolf C. Hagen Inc.			
Suppliers name			
Hagen Deutschland GmbH & Co.KG Lehmweg 99-105 D-25488 Holm			
Product			
Itemnumber	Item description		
Light source type			
Lighting technology used			
Non-directional or directional		<input type="checkbox"/> NDLs	<input type="checkbox"/> DLS
Mains or non-mains		<input type="checkbox"/> NMNs	<input type="checkbox"/> MNLs
Connected light source (CLS)		<input type="checkbox"/> Yes	<input type="checkbox"/> No
Color-tunable light source		<input type="checkbox"/> Yes	<input type="checkbox"/> No
Envelope		<input type="checkbox"/> no	<input type="checkbox"/> second
High luminance light source		<input type="checkbox"/> Yes	<input type="checkbox"/> No
Anti-glare shield		<input type="checkbox"/> Yes	<input type="checkbox"/> No
Dimmable		<input type="checkbox"/> Yes, only with specific dimmers	<input type="checkbox"/> No
Product parameters			
Energy consumption in on mode (kWh/1000h)		(kWh/1000h)	
Energy efficiency class		will be calculated automatically	
Useful luminous flux		lm	
Correlated color temperature		K	
On-mode power (P _{on})		W	
Standby power (P _{st})		W	
Network standby power (P _{net})		W	
Color rendering index		Ra	
Outer dimensions		Height	Width
		mm	mm
Spectral power distribution in the range 250nm to 800nm at full-load			
			
Claim of equivalent power		<input type="checkbox"/> Yes > Value	<input type="checkbox"/> W
Chromaticity coordinates (x and y)		X: <input type="text"/>	Y: <input type="text"/>

[\[pdf\] Dimension Guide](#)

Carsten Conrad Fluval Flex 341 Schwarz 186 0042 01 produktdatenblatt aquasabi decdn fluval |||

Product Information Sheet according to regulation EU 2019/2015 Rolf C. Hagen Inc.

Date: 22.03.2021 Revision: 1.0 Page: 1 Suppliers name Hagen Deutschland GmbH

Co.KG Lehmweg 99-105 D-25488 Holm Product Itemnumber **15004** Item description

Light source type Lighting technology used Non-directi...

lang:en score:15 filesize: 398.44 K page_count: 2 document date: 2021-06-08