

Fiamma 01216C01-

Fiamma Aqua 8 6lt 12v Water Pump User Manual

Model: 01216C01- | Brand: Fiamma

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your Fiamma Aqua 8 6lt 12v Water Pump. Please read this manual thoroughly before using the product to ensure safe and efficient operation.

The Fiamma Aqua 8 is a self-priming diaphragm pump designed for water systems, capable of pumping water vertically over 3 meters. It features an integrated filter and an anti-vibration Silent Plate for reduced noise and enhanced longevity. The pump is designed to run dry for periods without damage and comes with straight and right-angled 13mm pipe connectors.

2. SAFETY INFORMATION

- Always disconnect power before performing any installation, maintenance, or troubleshooting.
- Ensure the pump is installed on a solid, stable surface to minimize vibration and noise.
- Use appropriate wiring and fusing as specified in the electrical requirements.
- Do not operate the pump with flammable liquids.
- Protect the pump from freezing temperatures.
- Ensure all connections are secure and leak-free.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Fiamma Aqua 8 6lt 12v Water Pump
- Silent Kit (anti-vibration plate)
- Stainless Steel Filter
- Straight 13mm Pipe Connector
- Right-angled 13mm Pipe Connector



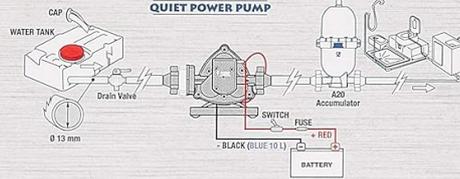
Made In Italy

- EN Self-priming diaphragm pump for drinking water
- DE Selbstansaugende Membranpumpe, für Trinkwasser
- FR Pompe à membrane, auto-amorçante, pour eau potable
- ES Bomba de membrana, autocebante, para agua potable
- IT Pompa a membrana, autoadescante, per acqua potabile



AQUA[®] 8

AQUA[®] 8
QUIET POWER PUMP



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Figure 3.1: Fiamma Aqua 8 pump as packaged, showing the product and its box.



Figure 3.2: Included straight and right-angled 13mm pipe connectors.

4. SETUP AND INSTALLATION

4.1 Mounting the Pump

The pump should be installed on a solid surface to assist in noise reduction and vibration dampening. Use the integrated mounting brackets for secure attachment.



Figure 4.1: Fiamma Aqua 8 pump showing mounting points.

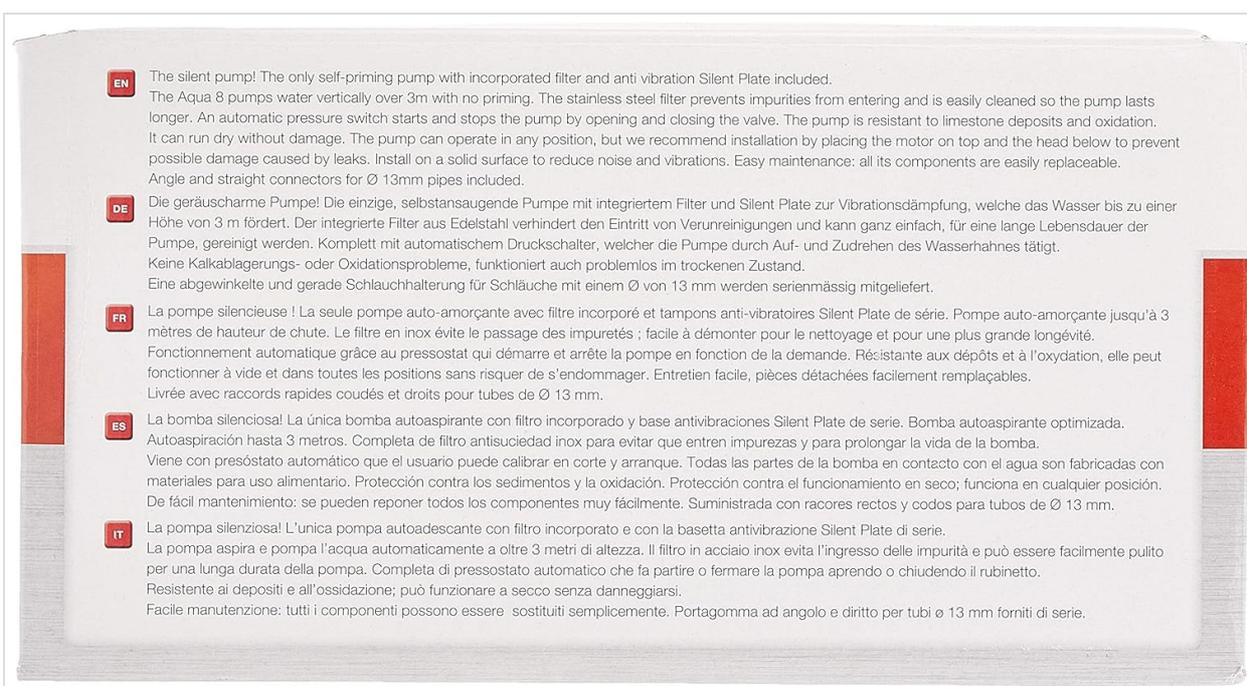


Figure 4.2: Underside of the pump with mounting holes visible.

4.2 Plumbing Connections

Connect the water inlet and outlet pipes to the pump. The pump comes with both straight and right-angled 13mm pipe

connectors for flexible installation. Ensure all connections are tight to prevent leaks.

- The stainless steel filter should be installed on the inlet side to prevent impurities from entering the pump.

4.3 Electrical Connections

Connect the pump to a 12V DC power supply. Observe correct polarity (red wire for positive, black wire for negative). It is recommended to install an appropriate fuse in the power line to protect the pump and electrical system.



Figure 4.3: Electrical connections (red and black wires) on the Fiamma Aqua 8 pump.

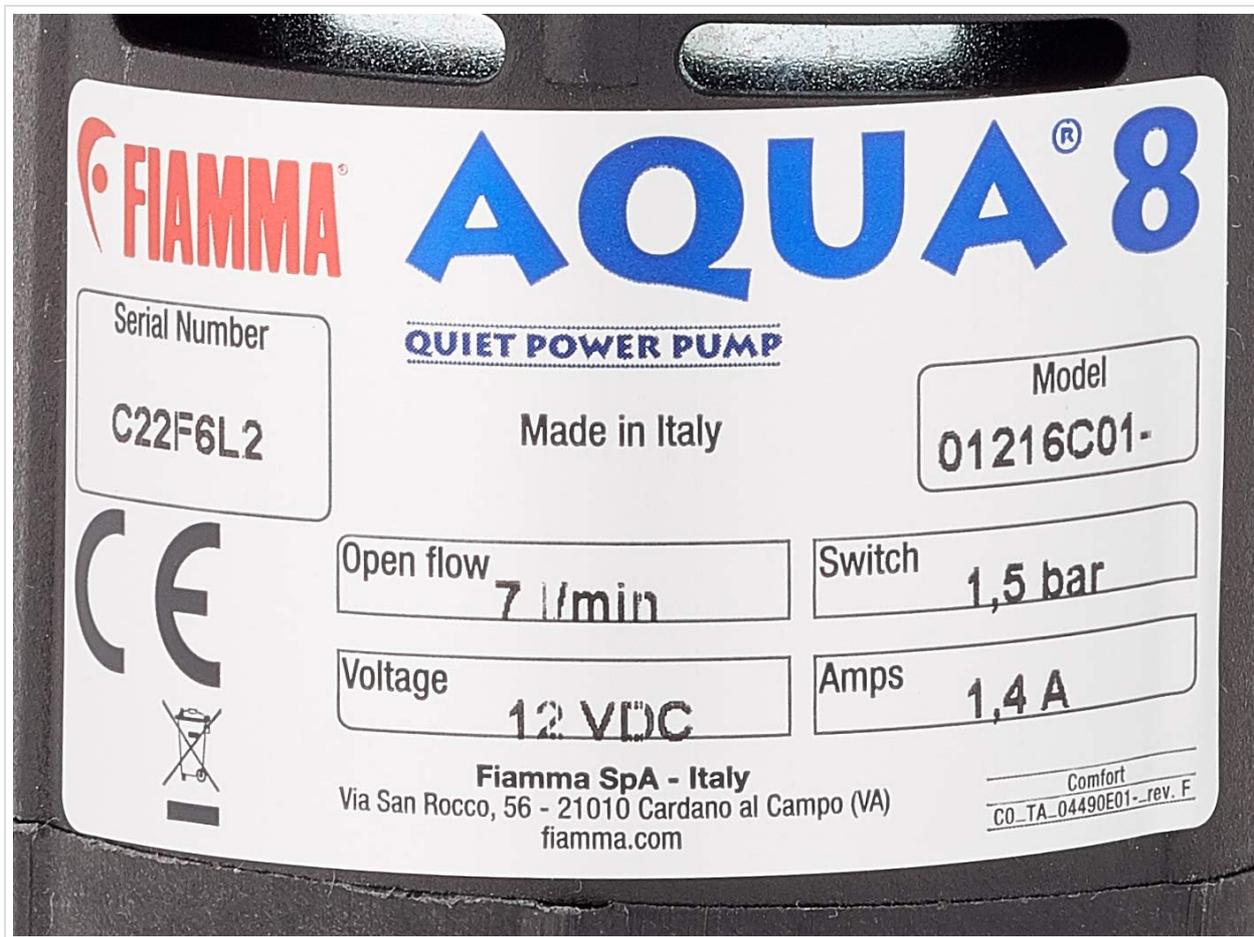


Figure 4.4: Product label indicating 12 VDC voltage and 1.4 A absorption.

5. OPERATING INSTRUCTIONS

The Fiamma Aqua 8 pump is designed for automatic operation. It will start pumping when water is demanded (e.g., by opening a faucet) and stop when the demand ceases (e.g., by closing the faucet). The integrated pressure switch manages this automatic function.

- Ensure the water tank has sufficient water before operating the pump.
- The pump can run dry for a period without damage, but continuous dry running is not recommended.

6. MAINTENANCE

6.1 Filter Cleaning

The stainless steel filter prevents impurities from entering the pump and should be cleaned regularly to ensure optimal performance and extend the pump's lifespan. To clean, unscrew the filter housing, remove the filter, rinse it thoroughly under clean water, and reassemble.

6.2 Winterization

If the pump will be exposed to freezing temperatures, it is crucial to drain all water from the pump and plumbing system to prevent damage from ice expansion.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Pump does not turn on.	No power, blown fuse, loose wiring, faulty pressure switch.	Check power supply, replace fuse, inspect wiring connections, consult a technician if pressure switch is suspected.
Low water flow or pressure.	Clogged filter, air in system, kinked hose, low voltage.	Clean filter, bleed air from system, check hoses for kinks, verify correct voltage.
Pump runs continuously.	Leak in system, faulty pressure switch, air in system.	Check for leaks in plumbing, bleed air, consult a technician for pressure switch issues.
Excessive noise/vibration.	Loose mounting, air in system, foreign object in pump.	Ensure pump is securely mounted, bleed air, inspect pump for obstructions (after disconnecting power).

8. SPECIFICATIONS

Attribute	Value
Brand	Fiamma
Model Number	01216C01-
Power Supply	12 Volts DC
Absorption	1.4 Amps
Maximum Flow Rate	7 Liters Per Minute (at 0 bar)
Pressure Switch Interval	1.5 bar (21.75 PSI)
Maximum Lifting Height	3 Meters
Material	Stainless Steel (filter)
Item Weight	1.5 Kilograms (3.3 pounds)
Product Dimensions	22.5 cm (length) x 16 cm (width) x 13 cm (height) or 8.07 x 10.67 x 5.83 inches
Noise Level	67/70 dB
GTIN (Global Trade Identification Number)	08004815000202

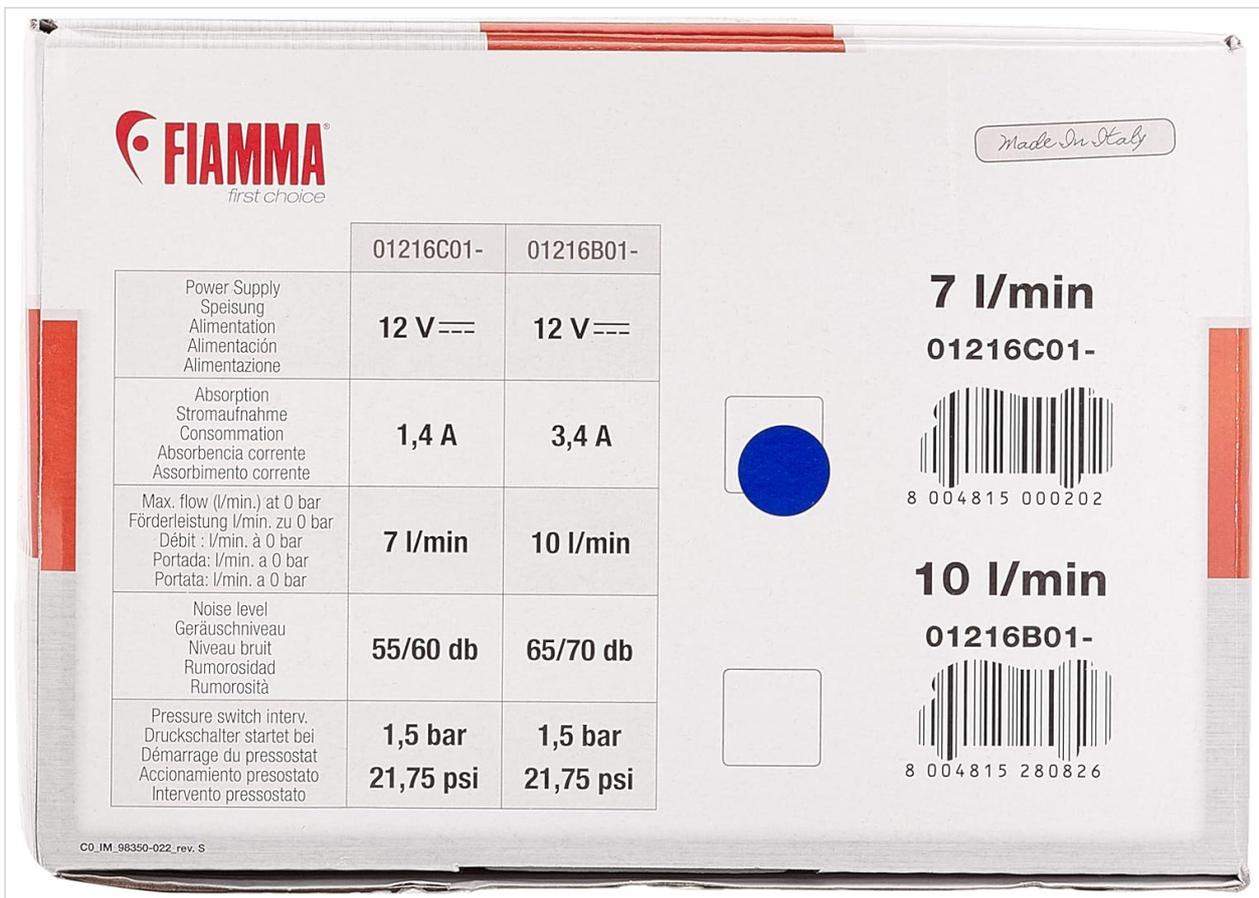


Figure 8.1: Specifications table from the product packaging, showing various models and their characteristics.



Figure 8.2: Diagram illustrating the dimensions (22.5 cm length, 16 cm width, 13 cm height) and weight (1.370 kg) of the pump.

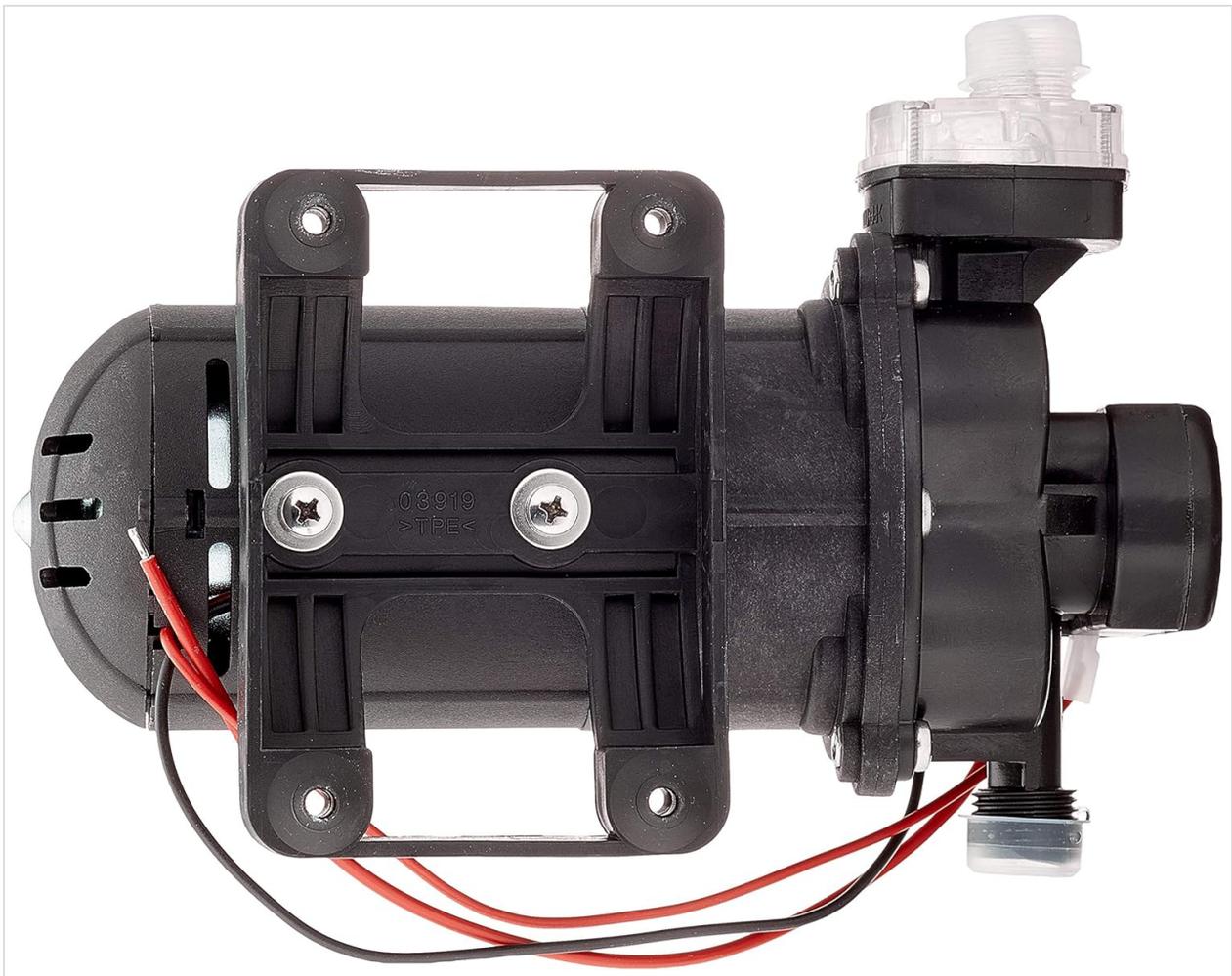


Figure 8.3: Visual representation of the pump's size, indicating a height of approximately 22 cm (8.9 inches).

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the manufacturer's official website or contact their customer service. Keep your purchase receipt as proof of purchase.

Manufacturer: Fiamma

Website: fiamma.com

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Related Documents - 01216C01-

