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JAIYNIYADAKATA jiayin JYZ-5

JAIYNIYADAKATA jiayin JYZ-5 Solenoid Water Valve Instruction Manual

MODEL: JIAYIN JYZ-5

Introduction

This manual provides essential information for the installation, operation, and maintenance of the JAIYNIYADAKATA jiayin JYZ-5 solenoid water valve. This valve is designed as a direct replacement part for various VAPORELLA and VAPORETTO steam cleaner and generator models. Please read these instructions carefully before proceeding with installation or use to ensure proper function and safety.

Product Overview

The jiayin JYZ-5 is a normally closed solenoid valve, crucial for controlling water and steam flow in compatible appliances. It features a G1/8" connection and is built with durable metal components.



Image: Front view of the JAIYNIYADAKATA jiayin JYZ-5 solenoid water valve, showing the electrical coil and brass valve body with inlet and outlet ports.

Specifications

Model	jiayin JYZ-5
Rated Voltage	AC 230V 50Hz 17VA
Duty Cycle	ED 100%
Insulation Class	H
Protection Class	I
Ingress Protection (IP)	IP 00
Standards	VDE, CE

Pressure Range	0.01 - 6.0 bar (Maximum Operating Pressure: 6 Bars)
Installation Method / Connection	G1/8" (G Connector)
Working Medium	Water, Steam, Gas
Material	Metal (Coil, steel, plastic, copper components)
Dimensions (L x W x H)	2.36 x 1.49 x 2.36 inches
Number of Ports	2
Item Weight	7 ounces



Image: Technical drawing illustrating the dimensions and connection points of the JYZ-5C solenoid valve, including its form (normally closed) and connection type (ZG1/8").

Compatibility

This JAIYNIYADAKATA solenoid water valve is a direct replacement part for the following VAPORELLA and VAPORETTO steam generator models. To confirm compatibility, locate the nameplate identifier on your original appliance.

- FIE00074 VAPORETTO ECOLOGICAL SYSTEM 2085
- PBEU0080 unique MCV50 ALLERGY MULTIFLOOR TURBO
- PBEU0081 unique MCV70 ALLERGY MULTIFLOOR & WINDOWS
- PBEU0100 unique MCV80 TOTAL CLEAN & TURBO
- PBEU0101 unique MCV85 TOTAL CLEAN & TURBO

- PLEU0195 VAPORELLA FOREVER 1405 PRO
- PLEU0215 VAPORELLA SILENCE 8.85
- PLEU0216 VAPORELLA SILENCE 8.80
- PLEU0217 VAPORELLA SILENCE ECO FRIENDLY 14.55
- PLEU0218 VAPORELLA SILENCE ECO FRIENDLY 19.55
- PLEU0219 VAPORELLA SILENCE ECO FRIENDLY 19.50
- PLEU0221 VAPORELLA SILENCE ECO FRIENDLY 14.45
- PLEU0224 VAPORELLA XB50R
- PLEU0225 VAPORELLA XB60C
- PLEU0226 VAPORELLA XM80R
- PLEU0227 VAPORELLA XM80C
- PLEU0228 VAPORELLA XT100C
- PLEU0229 VAPORELLA XM82C
- PLEU0232 VAPORELLA NEXT VN18.10
- PLEU0233 VAPORELLA NEXT VN18.15
- PLEU0236 VAPORELLA NEXT VN18.30
- PLEU0237 VAPORELLA NEXT VN18.35
- PLEU0247 VAPORELLA XT90C
- PLEU0248 VAPORELLA XT110C
- PTEU0001 VAPORETTO 1020
- PTEU0064 VAPORETTO 2100
- PVEU0001 VAPORETTO LECOASPIRA 900
- PVEU0018 VAPORETTO 900 LECOASPIRA 2004

If your specific model is not listed, it is recommended to verify compatibility with the manufacturer or seller before purchase.

Installation

Safety Precaution: Before attempting any installation or replacement, ensure the appliance is completely disconnected from the power supply and any water lines. Allow the appliance to cool down if it has been in operation.

1. **Identify Original Part:** Locate the existing solenoid valve in your steam generator. Note its orientation and connections. The nameplate identifier on your appliance can help confirm the original part's specifications.
2. **Disconnect Connections:** Carefully disconnect the electrical wiring from the old valve. Note the polarity or connection points if applicable. Then, disconnect the water/steam lines connected to the valve's G1/8" ports. Be prepared for residual water.
3. **Remove Old Valve:** Unscrew or unmount the old solenoid valve from its position.
4. **Prepare New Valve:** Inspect the new JAIYNIYADAKATA jiayin JYZ-5 valve for any damage. Ensure all seals and gaskets are in place.
5. **Install New Valve:** Mount the new valve in the same orientation as the old one. Connect the G1/8" water/steam lines securely. Ensure a watertight seal to prevent leaks.
6. **Connect Electrical Wiring:** Reconnect the electrical wiring to the new valve's terminals. Ensure connections are firm and correct according to the appliance's wiring diagram.
7. **Test System:** Once the valve is installed and all connections are secure, reconnect the appliance to the power

supply and water source. Perform a test run to check for proper operation and any leaks.



Image: Side view of the solenoid valve, showing the electrical terminals and the G1/8" threaded inlet and barbed outlet connections.

Operation

The jiayin JYZ-5 is a normally closed solenoid valve. This means that when no electrical power is applied, the valve remains closed, preventing the flow of water, steam, or gas. When the rated voltage (AC 230V 50Hz) is applied to the coil, the solenoid activates, opening the valve and allowing the medium to flow through. Upon removal of power, the valve returns to its closed state.
Its operation is integral to the automatic control systems of compatible steam generators, regulating the precise delivery of water or steam as required by the appliance's functions.

Maintenance

The JAIYNIYADAKATA jiayin JYZ-5 solenoid valve is designed for durability and minimal maintenance. However, regular inspection of the valve and its connections within the appliance is recommended.

- **Visual Inspection:** Periodically check for any signs of leaks around the connections or visible damage to the valve body or electrical coil.
- **Connection Integrity:** Ensure electrical connections remain secure and free from corrosion.
- **Cleanliness:** While the valve is designed to resist clogging, ensure the overall system's water quality is maintained to prevent mineral buildup that could affect valve performance over time.

Do not attempt to disassemble the valve unless you are a qualified technician, as this may void any potential warranty and could lead to improper function or damage.

Troubleshooting

If you experience issues with your steam generator after replacing the solenoid valve, consider the following common troubleshooting steps:

- **No Water/Steam Flow:**
  - Check if the appliance is powered on and receiving electricity.
  - Verify that the electrical connections to the solenoid valve are secure and correctly wired.
  - Ensure there is adequate water supply to the appliance.
  - Confirm the valve is receiving the correct voltage (AC 230V).
- **Leaks Around Valve:**
  - Ensure all G1/8" connections are tightened properly.
  - Check for damaged or improperly seated seals/gaskets.
- **Valve Not Closing:**
  - Verify that power to the valve is being correctly cut off by the appliance's control system.
  - Inspect for any debris that might be preventing the valve from fully closing.

For persistent issues, consult a qualified appliance repair technician or contact the manufacturer of your steam generator.

Support

For further assistance or inquiries regarding the JAIYNIYADAKATA jiayin JYZ-5 solenoid water valve, please refer to the contact information provided by your retailer or the JAIYNIYADAKATA brand. When contacting support, please have your product model (jiayin JYZ-5) and details of your steam generator model readily available.

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