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> AlcaPlast APS2 Siphon Instruction Manual for Washing Machines, Dishwashers, and Heat Pump Dryers

## Alcaplast APS2

# AlcaPlast APS2 Siphon Instruction Manual

FOR WASHING MACHINES, DISHWASHERS, AND HEAT PUMP DRYERS

## Product Overview

The AlcaPlast APS2 siphon is a specialized plumbing component designed for efficient wastewater drainage from household appliances such as washing machines, dishwashers, and heat pump dryers. This mechanical siphon prevents unpleasant odors from entering your living space without requiring a traditional water seal, offering a clean and reliable solution for appliance drainage.

### Key Features:

- Hose connection suitable for diameters from 19 mm to 23 mm.
- Easy cleaning facilitated by a dedicated maintenance opening.
- Mechanical siphon design eliminates the need for a water block.
- Features a clean white wall panel for aesthetic integration.
- Simple installation: designed for direct connection to an HT pipe.
- Temperature resistance up to 95 °C.
- Complies with EN274 standard.

## Setup and Installation

The AlcaPlast APS2 siphon is designed for straightforward installation. Follow these steps to ensure proper setup:

1. **Prepare the Connection Point:** Ensure the HT (High-Temperature) pipe where the siphon will be connected is clean and free from obstructions.
2. **Connect the Siphon:** Simply insert the siphon's outlet into the HT pipe. The design allows for a secure fit.
3. **Attach Appliance Hose:** Connect the drainage hose from your washing machine, dishwasher, or heat pump dryer to the siphon's inlet. The siphon accommodates hose diameters between 19 mm and 23 mm. Ensure the connection is tight to prevent leaks.
4. **Check for Leaks:** After installation, run a test cycle on your appliance to check for any leaks at the connections.



**Figure 1:** Technical drawing of the AlcaPlast APS2 siphon. This diagram illustrates the dimensions of the siphon, including overall length (70mm), height (100mm), and connection diameters ( $\text{Ø}19\text{-}\text{Ø}23\text{mm}$  for the hose,  $\text{Ø}32\text{mm}$  for the wall connection, and  $\text{Ø}79\text{mm}$  for the wall plate) for accurate installation and planning.

## Operating Instructions

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The AlcaPlast APS2 siphon operates automatically once installed. Its mechanical design ensures that wastewater drains efficiently while preventing foul odors from returning through the pipework. No manual intervention is required for its basic operation.

Ensure that the appliance's drain hose is securely connected to the siphon and that the siphon itself is properly seated in the HT pipe. The siphon is designed to handle water temperatures up to  $95\text{ °C}$ , making it suitable for hot water discharge from washing machines and dishwashers.

## Maintenance

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Regular maintenance helps ensure the longevity and efficient operation of your AlcaPlast APS2 siphon. The siphon features an accessible maintenance opening for easy cleaning.

- **Periodic Cleaning:** Periodically check the siphon for any accumulated debris, lint, or food particles that might impede drainage.
- **Accessing the Maintenance Opening:** The siphon is designed with an opening that allows for easy access to the internal mechanism for cleaning. Refer to the product diagram for the location of this opening.
- **Cleaning Procedure:** Carefully open the maintenance access. Remove any visible blockages or buildup. Rinse the internal components with water if necessary. Reassemble securely after cleaning.
- **Avoid Harsh Chemicals:** Do not use strong chemical drain cleaners, as these can damage the plastic components of the siphon.

## Troubleshooting

If you encounter issues with your AlcaPlast APS2 siphon, consider the following troubleshooting steps:

- **Slow Drainage:** If water is draining slowly, the most common cause is a blockage. Access the maintenance opening and clear any debris.
- **Leaks at Connections:** Ensure all connections, especially where the appliance hose meets the siphon and where the siphon meets the HT pipe, are tight and properly sealed. Check for damaged gaskets or seals.
- **Odors:** While the mechanical siphon is designed to prevent odors, if you detect them, ensure the siphon is correctly installed and that there are no blockages allowing air to pass. Clean the siphon thoroughly.
- **Appliance Error Codes:** If your appliance displays a drainage error, first check the siphon for blockages before contacting appliance support.

If problems persist after attempting these steps, it is recommended to consult a qualified plumber.

## Specifications

Feature	Detail
Model Number	APS2
Brand	Alcaplast
Material	Plastic
Color	White
Product Dimensions (L x W x H)	5.1 x 14.6 x 21.4 cm
Product Weight	70 grams
Hose Connection Diameter	19 mm to 23 mm
Temperature Resistance	Up to 95 °C
Standard Compliance	EN274
Type of Seal	Mechanical Siphon (without water block)

## Warranty and Support

For specific warranty information regarding your AlcaPlast APS2 siphon, please refer to the documentation provided at the time of purchase or contact your retailer. Information regarding spare parts availability is not directly provided in the product specifications.

For technical support or further assistance, please contact Alcaplast customer service or your product supplier.



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