



# Installation and User Instructions

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## Flushing System Kit

Model: ACFS

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**All specifications are subject to change without notice. Dacor assumes no liability for changes to specifications.**

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## Before You Begin...

### Important:

- **Installer:** In the interest of safety and to minimize problems, read these installation instructions completely and carefully before you begin the installation process. Leave these installation instructions with the customer.
- **Customer:** Keep these installation instructions for future reference.

If you have questions or problems with installation, contact your Dacor® dealer or the Dacor Customer Service Team.

#### Dacor Customer Service Team

Phone: (800) 793-0093  
Email: customerservice@Dacor.com  
Web site: www.Dacor.com

## Important Safety Instructions

### About Safety Instructions

- The **Important Safety Instructions** and warnings in these instructions are not meant to cover all possible problems and conditions that can occur. Use common sense and caution when installing, maintaining or operating this or any other appliance.
- Always contact the Dacor Customer Service Team about problems and conditions that you don't understand.

### Safety Symbols and Labels



#### **DANGER**

Immediate hazards that **WILL** result in severe personal injury or death.



#### **WARNING**

Hazards or unsafe practices that **COULD** result in severe personal injury or death.



#### **CAUTION**

Hazards or unsafe practices that **COULD** result in minor personal injury or property damage.

# Installation Instructions

## WARNING

- Dacor cannot be held responsible for damage to property or injury to persons caused by failure to comply with the installation, maintenance and safety instructions contained in this handbook.
- Observe all local and regional codes during planning and installation of this kit.

## CAUTION

- Dacor coffee systems require an input water hardness level of 4 grains per gallon (gpg) or less. This kit does not lower water hardness level. Use of a Dacor coffee system with a water hardness level higher than 4 gpg will damage the coffee system.

## Important Information

This ACFS flushing kit is used to perform the periodic decalcification process required by Dacor plumbed (CM24P series) coffee systems. Calcium build up must be reduced to keep the coffee system performing properly. Perform the decalcification process in addition to the other mandatory cleaning procedures outlined in the Coffee System Use and Care Manual.

This kit does not replace a water treatment system that may be needed to lower the coffee system water supply hardness (mineral content) to the required level of 4 gpg or less.

This kit is not for use with Dacor tank model coffee systems (CM24T series).

## Before Installation

1. Before installing the coffee system, determine the water hardness level by doing one of the following:
  - Use the water hardness test strips included with the appliance to test the water hardness level of the water supplied to the building where the coffee system will be installed. Dip the strip in a cup of water from a faucet and read the hardness level according to the color key included with the test strips.
  - Call the local water company. Ask them for the water hardness level of the water supplied to the building where the coffee system will be installed.
2. If the water hardness is above 4 grains per gallon (4 gpg) contact a qualified water treatment specialist. Have a water treatment system installed that lowers the water hardness level to 4 gpg or less.

## Parts List

- |                         |   |
|-------------------------|---|
| • Flushing Cartridge    | • 5 Water Hardness Test strips                |
| • Filter Head           | • Puly Baby Cleaning (Decalcification) Powder |
| • Bypass Module         | • Coffee System Cleaning DVD                  |
| • Tubing                |   |
| • Fittings              |   |
| • Quick Reference Guide |   |

## Flushing Kit Installation

1. Determine if any additional fittings, hoses or tubing are required for the installation:
  - The fitting required to connect the filter head using copper tubing are included with the kit. However, some installations may require additional fittings, depending on the layout of the plumbing and the type of water treatment system used.
  - Some versions of the coffee system come with a hose for connection to a ¼" water supply fitting. Suitability of the hose will depend on installation layout.
  - On Models CM24P and CM24P-1 the water line from the filter head connects to the water pressure regulator mounted on the back of the coffee system. The water supply flows through the regulator, then into the water supply connection on the back of the appliance.
  - On all other models, the water regulation system is built into the coffee system. Therefore, the water line from the filter head connects directly to the water supply connection on the back of the coffee system.
  - The input on the filter head connects to the house water supply valve, or the water treatment system, if one is installed.
2. Install the filter head as shown. Note the arrow on the head indicating direction of water flow.
3. Attach the included bypass module to the filter head. If the house water supply is unfiltered, you may attach the optional filter (Dacor P/N ACWF) instead to improve water taste.
4. Turn on the water supply and check for leaks.

## CAUTION

Do not use the JT-2 flushing cartridge included in the kit in place of a filter cartridge. The flushing cartridge is not designed for long-term use and may leak over time.

# Installation Instructions

## Connection Diagram

### A Head Input Connection

#### Connect to:

- House water supply valve  
**OR**
- Water treatment system  
**OR**
- Whole house water filter system

### B Coffee System Connection

#### On models CM24P and CM24P-1 connect to:

- House water supply valve

#### On all other models connect to:

- Water supply connection on back of appliance

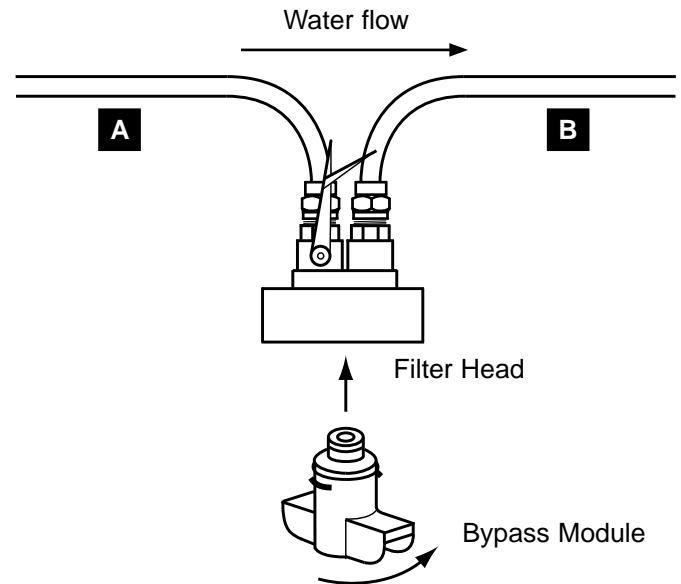
## Installation Checklist

### **WARNING**

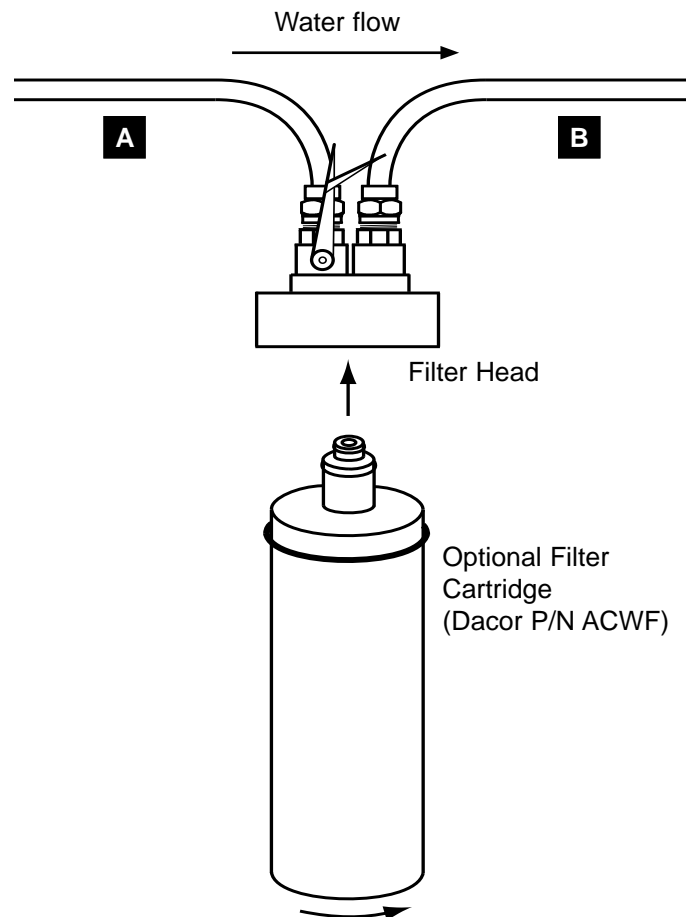
To ensure a safe and proper installation, the installer must complete the checklist below to ensure that no part of the installation has been overlooked.

Proper installation of this kit is the responsibility of the homeowner. The importance of proper installation cannot be overemphasized.

- Is the coffee system connected to soft water (4 gpg maximum hardness)?
- Has the water supply line been checked for leaks?
- Is the coffee system connected to a dedicated, Non GFI, grounded electrical outlet as outlined in the installation instructions?
- Is the coffee system locked into the locking tabs on the glides according to the installation instructions?



### Flushing Kit Installation with Bypass.



### Flushing Kit Installation with Filter.

# User Instructions

## Decalcification Process

The monthly decalcification and flushing process cleans out calcium deposits in the water and coffee delivery systems. If the calcium deposits are allowed to build up, the coffee system could malfunction.

### What to Use

- Puly CAFF Detergent Tablets
- Puly Baby Cleaning (Decalcification) Powder P/N ACDC10
- Dacor JT-2 Flushing Cartridge.
- Puly Milk Liquid Detergent

### CAUTION

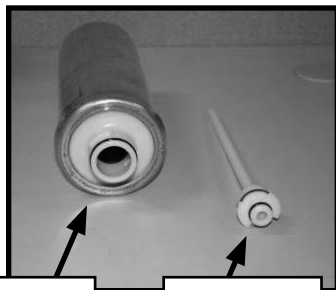
Decalcification powders, tablets or solutions can damage stainless steel surfaces. Immediately rinse any stainless steel surfaces that come in to contact with these cleaners with a mild solution of detergent and warm water to prevent damage. Do not pour decalcification powders, tablets or solutions down a stainless steel sink.

### Instructions

The following instructions do not apply to Dacor tank equipped coffee systems (CM24T series).

The instructions below assume that the coffee system has been installed with a Dacor ACFS flushing kit as called for in the installation instructions section of this manual.

1. Remove the divider insert from the JT-2 flushing cartridge with a small screwdriver.



Flushing Cartridge

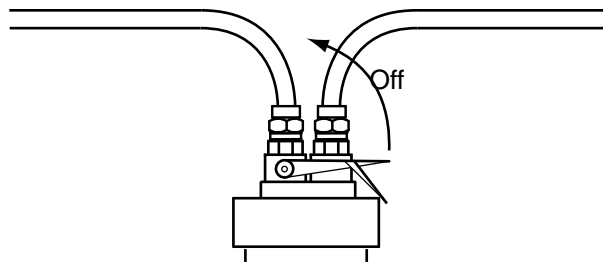
Divider Insert


2. Dissolve one packet of Puly Baby Cleaning (Decalcification) Powder into 12 ounces of warm filtered water. Use a measuring cup.

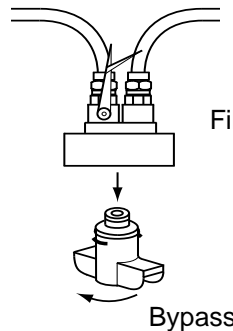


3. Fill the flushing cartridge with the solution and top it off with filtered water. Reinstall the divider insert.

4. Turn the water supply valve on the filter head to off.

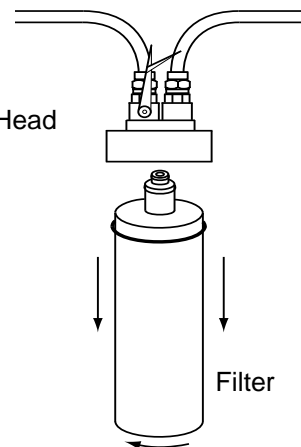


5. Push the **HOT WATER** button on the coffee system to relieve the water pressure. 
6. Grasp the filter cartridge or filter bypass, depending on which one is installed. Rotate it clockwise until it stops. Pull the bypass (or filter) down and out. Some water drain off will occur.



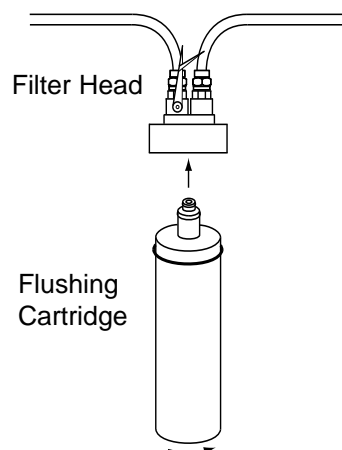
Filter Head

Bypass




Filter

7. Insert the flushing cartridge into the filter head. Push up firmly and rotate it counter-clockwise. Pull down on it to ensure that it is locked into place.



Filter Head

Flushing Cartridge

8. If other faucets or appliances other than the coffee system are connected to the filter head, disconnect and plug the water lines connected to them.
9. Put a 2 quart container or sauce pan on the drip tray under the hot water and coffee dispensers to collect the wash and rinse water. Point the hot water dispenser into the pan.
10. Turn the water supply valve on the filter head to on.
11. Push the **HOT WATER** button. Wait for the water to stop. Repeat this process twice to remove air. 



# User Instructions

12. Put one detergent tablet in the ground coffee chute.



13. Pour about 20 ml of Puly Liquid Detergent into a plastic water bottle about 16 ounces in size. Fill the remainder of the bottle with filtered water.
14. Put the bottle in the milk compartment and insert the milk tube into the water/detergent solution.

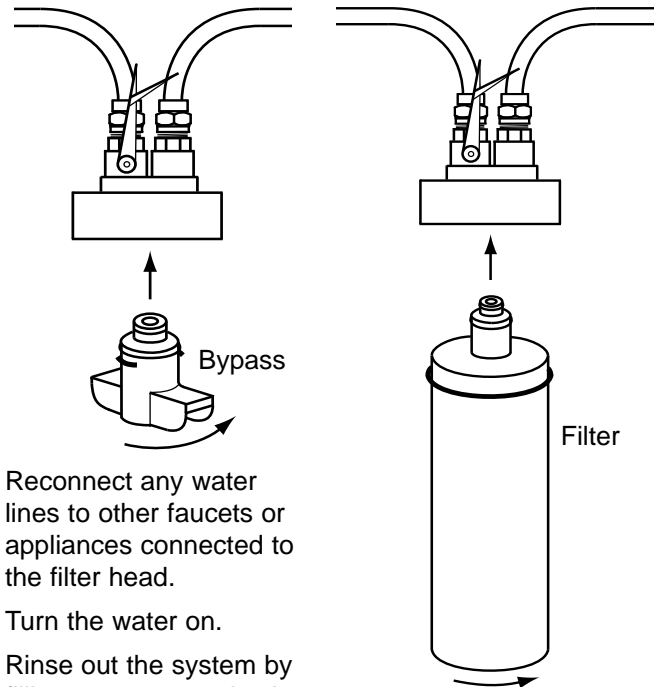




15. Push and hold the **DECAFFEINATED COFFEE** button until "Push Daca" or "Insert Cleanser" appears on the display. 
16. Push the **DECAF** button again to immediately start the cleaning cycle. If the **DECAF** button is not pushed again, the cleaning cycle will automatically start in about 20 seconds.
17. Meanwhile fill a second plastic water bottle with clean, filtered water. When "Rinse" appears on the display, immediately put the second bottle in the milk container compartment and insert the milk tube into the water.
18. The coffee system will begin rinsing after the clean cycle is done. When rinsing is complete, the display will read "Machine Ready".
19. Remove the milk tube from the plastic bottle. Remove the plastic bottle and close the milk compartment. Remove the container or sauce pan from the drip tray.
20. Turn the water supply valve on the filter head to off.
21. Push the **HOT WATER** button on the coffee system to relieve the water pressure. 

22. Remove the flushing cartridge and reinstall the bypass. If you are using the optional water filter to improve water taste, reinsert it. If it is older than 1 year, replace the filter with Dacor P/N ACWF.

## CAUTION

Do not use the flushing cartridge in place of a filter. The cartridge is not designed for continuous operation and can leak over time.



23. Reconnect any water lines to other faucets or appliances connected to the filter head.
24. Turn the water on.
25. Rinse out the system by filling a 16 ounce plastic bottle with filtered water. Put it in the milk compartment and insert the milk tube into the water.
26. Put a 2 quart container or saucepan on the drip tray to catch the rinse water.
27. Push and hold the **DECAF** button until "Press Deca" or "Insert Cleanser" appears on the display. 
28. Push **DECAF** again to immediately start rinsing out the unit. If the **DECAF** button is not pressed again, the rinse will automatically start in about 20 seconds.
29. Meanwhile fill a second plastic water bottle with clean, filtered water. When "Rinse" appears on the display, immediately remove the first bottle from the milk compartment and replace it with the second. Put the milk tube into water.
30. When final rinse is complete, the display will say "Machine Ready".
31. Push the **HOT WATER** button to flush the hot water dispenser. 
32. Remove the milk tube from the plastic bottle. Remove the plastic bottle and close the compartment. Remove the container or saucepan from the drip tray.

