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Serial Number _____
Date Purchased _____
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INSTALLATION & OPERATING INSTRUCTIONS

RVac™ PLUS COMPACT REMOTE CENTRAL VAC

MODEL
DI-CSRM(X)
(X) = UNIT COLOR
E - EBONY



Read these instructions carefully. These
instructions **MUST** stay with this product.

REVISION B

Form No. 3316146.000 10/16
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INTRODUCTION

These instructions apply to the RVac Plus (hereinafter referred to as the “vacuum”, “vacuum cleaner” or “unit”). The unit is designed and intended for installation and use in recreational vehicles or other mobile applications.

These instructions will ensure the unit is properly serviced.

Dometic Corporation reserves the right to modify appliance appearances and specifications without notice.

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DOCUMENT SYMBOLS

 Indicates additional information that is **NOT** related to physical injury.

 Indicates step-by-step instructions.

IMPORTANT SAFETY INSTRUCTIONS

This manual has safety information and instructions to help you eliminate or reduce the risk of accidents and injuries.

A. Recognize Safety Information



This is the safety alert symbol. It is used to alert you to potential physical injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

B. Understand Signal Words

A signal word will identify safety messages and property damage messages, and will indicate the degree or level of hazard seriousness.

⚠ WARNING indicates a hazardous situation that, if **NOT** avoided, could result in death or serious injury.

⚠ CAUTION indicates a hazardous situation that, if **NOT** avoided, could result in minor or moderate injury.

NOTICE is used to address practices not related to physical injury.

C. Supplemental Directives



Read and follow all safety information and instructions to avoid possible injury or death.

Read and understand these instructions before [installing / using / servicing / performing maintenance on] this product.

Incorrect [installation / operation / servicing / maintaining] of this product can lead to serious injury. Follow all instructions.

The installation **MUST** comply with all applicable local and national codes, including the latest edition of the following standards:

U.S.A.

- ANSI/NFPA70, National Electrical Code (NEC)
- ANSI/NFPA 1192, Recreational Vehicles Code
- Title 24 CFR, Part 3280, Manufactured Home Construction and Safety Standard

CANADA

- CSA C22.1, Parts I & II, Canadian Electrical Code
- CSA Z240 RV Series, Recreational Vehicles

D. General Safety Messages

⚠ WARNING Failure to obey the following warnings could result in death or serious injury:

- Polarization instructions for models with 120 volt cord only.

To reduce the risk of electric shock, these appliances have a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does **NOT** fit fully in the outlet, reverse the plug. If it still does **NOT** fit, contact a qualified electrician to install the proper outlet. Do **NOT** change the plug in any way.

- When using an electrical vacuum cleaner, basic precautions should always be followed. Read all instructions **BEFORE** using this appliance.

⚠ WARNING To reduce the risk of injury or death due to fire or electric shock:

- Do **NOT** leave appliance when plugged in. Unplug from electrical outlet when not in use and before servicing.
- Do **NOT** use outdoors or on wet surfaces.
- Never operate this vacuum cleaner without a dust bag and filter in place.
- Close attention is necessary when used by or near children. Do **NOT** allow unit to be used as a toy.
- Use only for intended use as described in this manual. Use only the manufacturer's recommended attachments and dust bag.
- Do **NOT** use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped in water, contact InterVac for examination and repair.
- Do **NOT** put any object into openings. Do **NOT** use with any openings blocked; keep free of dust, lint, hair and any other material that may reduce air flow. If the secondary filter becomes dirty, remove the filter from the vacuum and rinse in warm water or replace with a new filter. Filter should be completely dry before using.
- Turn off all controls before unplugging.
- Do **NOT** pull or carry by cord, do **NOT** use cord as a handle, and do **NOT** close a door on the cord, or pull cord around sharp edges or corners. Do **NOT** run over cord. Keep cord away from heated surfaces.
- Do **NOT** unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Keep hair, loose clothing, fingers, and all parts of body away from any openings and all moving parts.

IMPORTANT SAFETY INSTRUCTIONS

- Do **NOT** pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Use extra caution when cleaning on stairs.
- Do **NOT** handle plug or appliance with wet hands.
- Do **NOT** pick up flammable or combustible liquids such as gasoline, or use in areas where they may be present.
- Do **NOT** place objects against the vacuum cleaner. Keep area clear.
- Do **NOT** step on the hose or pull the hose forcibly.
- Do **NOT** pick up large objects such as waste paper or cloth, which may clog the hose.
- Do **NOT** install this vacuum cleaner in an area exposed to high temperatures.
- Install this vacuum cleaner in a dry place.
- Do **NOT** attempt to service the vacuum cleaner. Unit is sealed and cannot be opened without damage to the unit. For service, call InterVac at 1-888-499-1925.

SAVE THESE INSTRUCTIONS!

SPECIFICATIONS

Input Voltage	120 Vac
Current	8 AMP
Operating Temperature	5° F to 104° F (-15° C to +40° C)
Dimensions W x H x D	11.7 in. x 6.7 in. x 6.9 in. (297 mm x 170 mm x 175 mm)
Weight	6 lbs (2.7 kg)
Certificate	

DISPOSAL

-  Place the packaging material in the appropriate recycling waste bins, where possible.
-  If you wish to dispose of the product, ask your local recycling center or dealer for details about how to do this in accordance with the applicable disposal regulations.

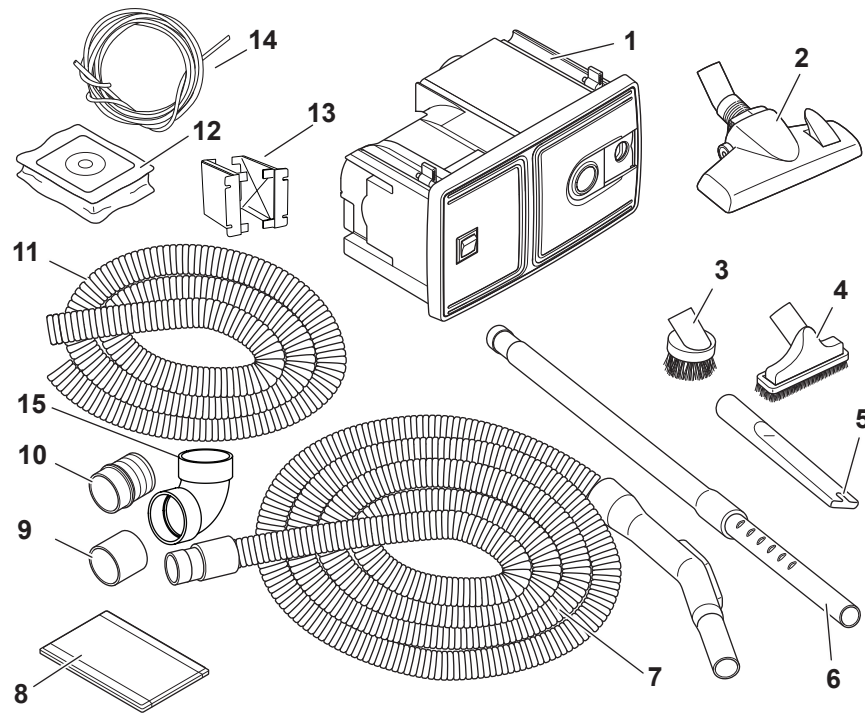
PARTS LIST

See "FIG. 1" on page (5).

No.	Qty.	Description	No.	Qty.	Description
1	1	RVac Plus unit	9	1	Pipe coupling (white)
2	1	Combo rug / floor tool	10	2	Screw coupling (black)
3	1	Dust brush	11	1	Connection hose (3 ft.)
4	1	Upholstery tool with removable brush	12	2	Microfiber dust bags
5	1	Crevice tool	13	2	Installation brackets
6	1	Aluminum telescoping wand	14	1	6 ft. low-voltage wire connection
7	1	40 ft. hose with pistol grip and banded cuff	15	1	Elbow - pipe to pipe (white)
8	1	Remote inlet valve with reducer			

PARTS LIST

FIG. 1



GENERAL INFORMATION

A. Required Tools

- Jigsaw
- Phillips screwdriver
- PVC cement or equivalent
- Drill with 2.25" hole saw bit

OPTIONAL ACCESSORIES

Description	Item Number
New dust bags (x5) and motor filter (x1)	Y11-5
Dometic VacPort™	DI-A900ELED
Dometic VacPort with installation kit	DI-A900ELEDIK
Mini Turbo brush	DI-X451
24" flexible crevice tool	DI-X511

INTENDED USE

The DI-CSRM(X) central vacuum cleaner is for installation in a suitable wall cavity or in existing fixtures in RVs, towables, or boats. This unit is not intended for commercial use. It may not be used outdoors.

TECHNICAL DESCRIPTION

The central vacuum cleaner's suction hose (included) can be connected directly to the unit or to an external hose inlet. The suction hose must be turned on and off using the switch when using it while connected to the central vacuum cleaner. The unit has automatic suction, which is activated

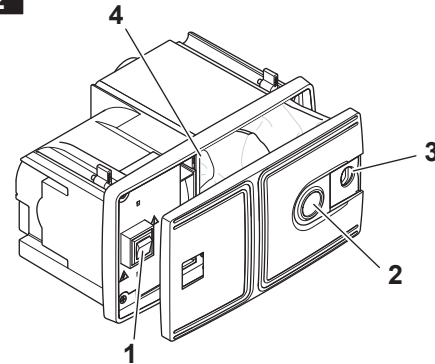
when the suction hose is inserted into the hose inlet.

The vacuum cleaner system can be extended, using the Dometic VacPort (not included). This automatic dust pan can be fitted, for example, in the entrance or kitchen area in order to vacuum dirt that has been swept up to it.

A. Control Elements

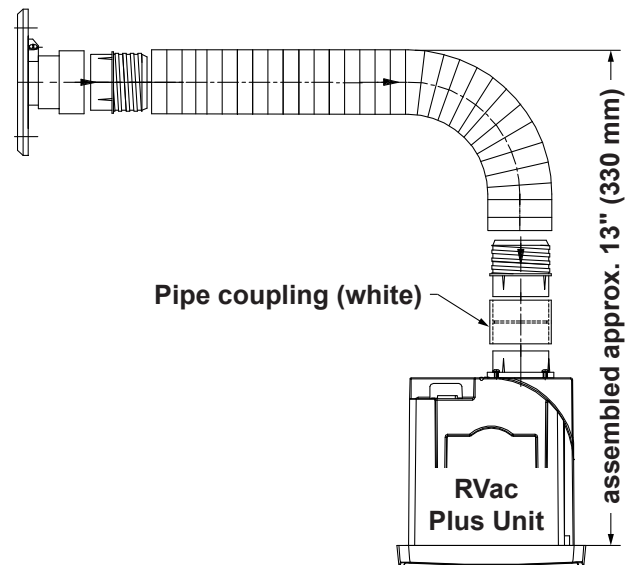
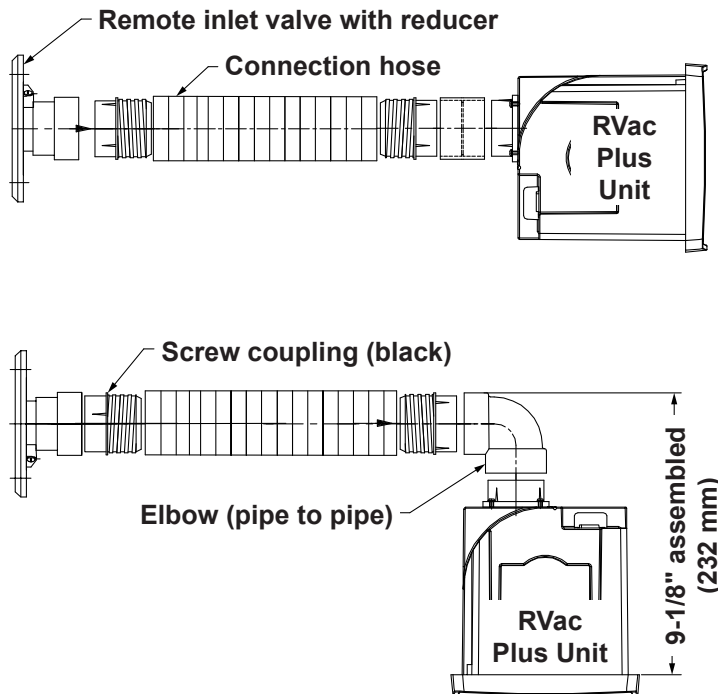
No.	Part	Description
1	I/O Switch	Switches the vacuum cleaner on or off whenever the suction hose is connected to the central vacuum cleaner.
2	Sliding Cover	Closes up the hose connection on the unit. The cover must be closed when working from an external hose inlet.
3	Lock / Latch	Opens the front of the unit (e.g. for changing the dust bag).
4	Motor Filter	Protects the motor from contamination.

FIG. 2



INSTALLATION OPTIONS

FIG. 3



NOTE: Assemble threaded end of Screw Coupling into Connection Hose (left hand thread). Press fit the other end of Screw Coupling into fitting with a strong twist. **DO NOT** use glue.

INSTALLATION INSTRUCTIONS

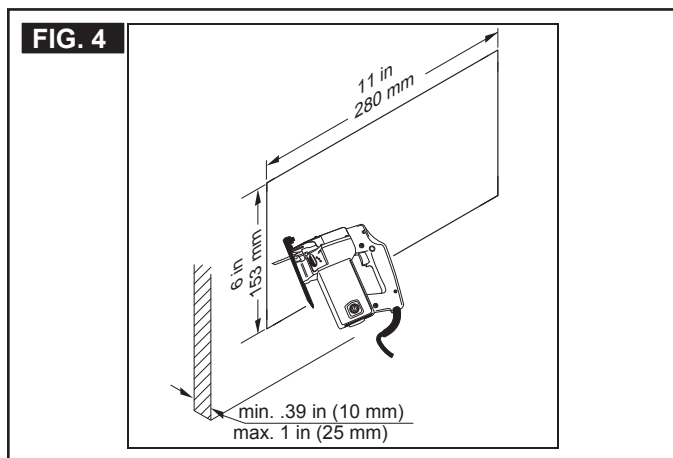
⚠ WARNING ELECTRICAL SHOCK HAZARD. Only the 120 Vac cable supplied may be used with this unit. No grounding required. The vacuum is double-insulated.

NOTICE Failure to obey the following notices could damage product or property:

- Mount the vacuum cleaner in a dry place.
- Do **NOT** mount the vacuum cleaner in an area that is subject to high temperatures.
- Do **NOT** bend the connection cable around sharp edges or corners. Keep the connection cable away from heated surfaces.
- To install the vacuum cleaner, the wall thickness **MUST** be a minimum of 0.39 in. (10 mm) and a maximum of 1 in. (25 mm).
- Ensure there is an electrical outlet within 5 ft. that can be used to supply the vacuum cleaner with power. Do **NOT** use extension cords.
- If the vacuum cleaner is being installed in small spaces with poor ventilation (e.g., cabinet), then an air outlet and an air outlet grille, with a cross-section of 2.75 in. (70 mm), **MUST** be installed in order to transport warm air generated by the device outside to prevent overheating.
- Ensure that the dust bag and the motor filter are in place.
- Ensure the vacuum cleaner works prior to installation.

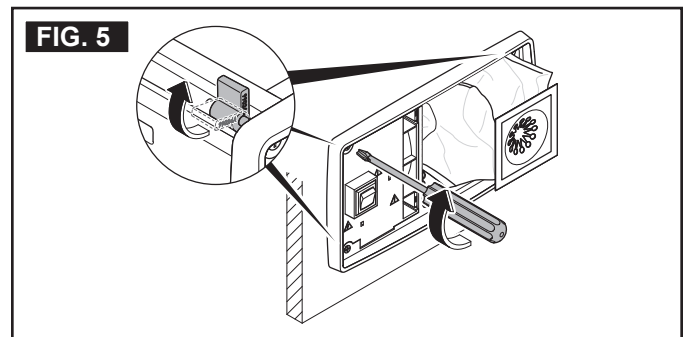
A. Recessed Installation

1. Tape the paper template (page 12) against the surface at a comfortable operating height.
2. With a jigsaw, cut along the dotted line of the paper template. See (FIG. 4).



3. Remove the front cover of the unit by sliding the lock / latch to the left. See (FIG. 11) page 9.
4. Slide the unit, power cord first, into the opening, and secure by tightening the four attached

screws with "clamps." Do **NOT** overtighten. See (FIG. 5).



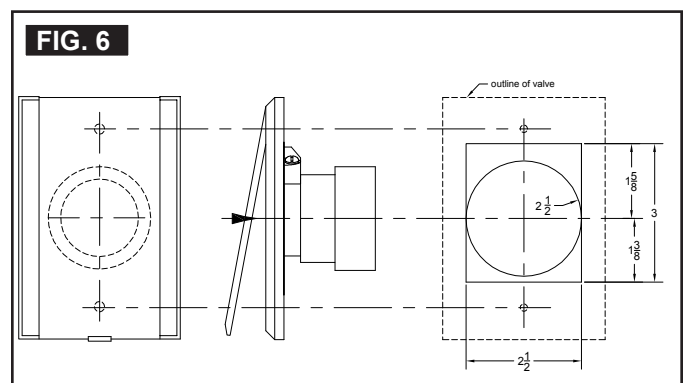
5. Assemble the front cover of the unit, engaging the left side first. See (FIG. 11).
6. Push the right side into the frame until the lock / latch clicks into place.

B. Surface Mounting

1. Utilizing the installation brackets (#13 in the "Parts List" on page 4), the unit may be mounted to the floor, wall, or under a table. Brackets are installed on the unit one way only, however the unit may be mounted to the floor, wall or upside down underneath a surface.
2. Place the vacuum on its back.
3. Attach a bracket to the left side first, and slide it down so that the bottom of the bracket is below the vacuum frame.
4. Tighten the 2 screws on the left side. Do **NOT** overtighten. Repeat the same for the bracket on the right side. Use 4 screws with washers (not included) to mount the vacuum / bracket assembly.

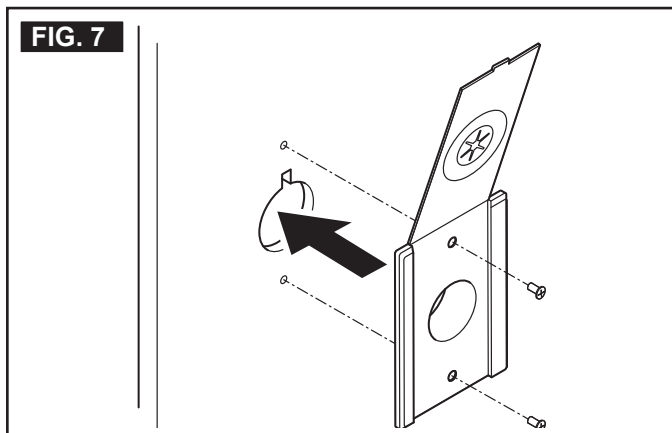
C. Inlet Valve Installation and Connecting Electrical Power

1. Determine the location for the inlet valve, then, using a drill with a hole saw, create a 2.25 in. (57.15 mm) hole. See (FIG. 6).



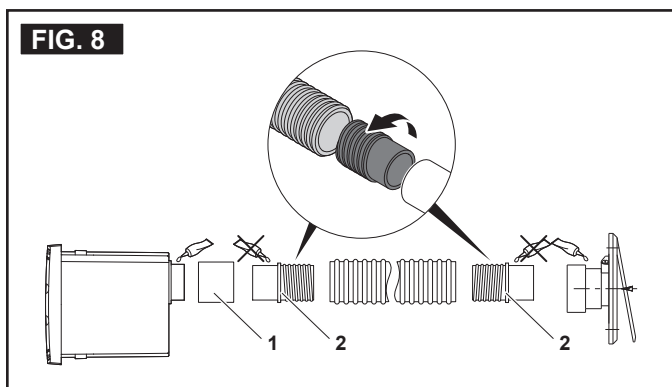
INSTALLATION INSTRUCTIONS

2. Use a jigsaw to enlarge the hole so the inlet valve can lay flush with the wall. See (FIG. 7).



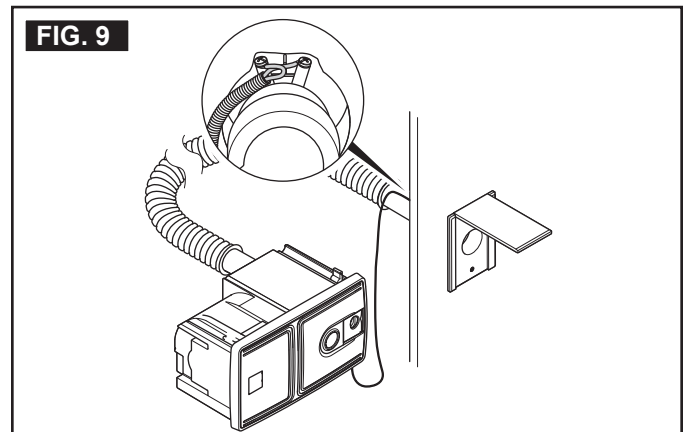
3. Route the connection hose from the inlet valve to the vacuum. See (FIG. 8).

i The pipe coupling, see #1 (FIG. 8), needs to be glued to the vacuum, using standard PVC cement. The screw couplings, see #2 (FIG. 8), are screwed into the connection hose counterclockwise. Press fit the screw coupling (#2) to the pipe coupling (#1). Do **NOT** use glue with #2.



4. Connect the supplied wire to the inlet valve. See (FIG. 9).
 - a. Strip the covering off the ends of the wire.
 - b. Separate the wire.
 - c. Connect one end of the wire to the contacts on the inlet valve.

i Do **NOT** loosen the screws completely on the inlet valve.



5. Connect the yellow 24 Vac wire on the rear of the unit to the other end of the wire.
6. Route the wire along the gray connection hose to the back of the vacuum.

i Leave 6" of slack in the white wire to prevent tension at all the connection points.

7. Secure the wires with "ty-wraps" to the connection hose.
8. Connect the 120 Vac connection cable to a suitable electrical outlet.

OPERATING INSTRUCTIONS

NOTICE Failure to obey the following notices could damage product or property:

- Do **NOT** use the vacuum cleaner without a dust bag or motor filter.
- Only use spare parts and accessories recommended by the manufacturer.

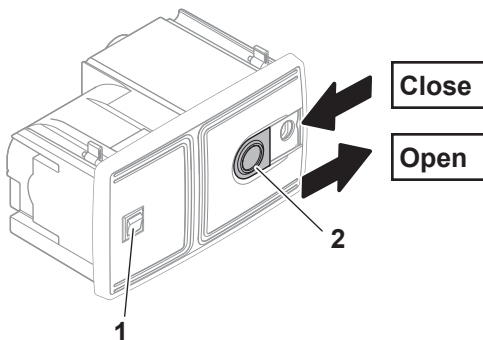
A. Using the Central Vacuum Cleaner

1. Open the sliding cover, see #2 (FIG. 10), by sliding it to the right.

2. Insert the hose with a twist into the hose connection on the unit.
3. Set the switch to position "I", see #1 (FIG. 10), to switch on the unit. The vacuum cleaner will switch on.
4. Set the switch to position "O", see #1 (FIG. 10), to switch off the unit.
5. Disconnect the hose from the hose connection on the unit.
6. Close the sliding cover, see #2 (FIG. 10), by sliding it to the left.

OPERATING INSTRUCTIONS

FIG. 10



B. Using the Remote Inlet Valve

i Use the sliding cover to close up the hose connection on the front of the unit if you are vacuuming from the external hose inlet. See (FIG. 10).

If the slider is **NOT** closed, the other inlet valves will lose suction power.

- 1.** To switch on, insert the hose into the remote hose inlet using a slight twisting action. The vacuum will switch on automatically.
- 2.** To switch off, disconnect the hose from the remote hose inlet. The vacuum cleaner will switch off automatically.

C. Changing the Dust Bag

NOTICE It is important for vacuum cleaner suction that the dust bag is fitted correctly. Please follow the instructions carefully.

i The dust bag has two openings. One of the two ends has two arrows. This end **MUST** be attached to the unit with the arrows pointing upwards. See (FIG. 12). Make sure the dust bag is fitted in the correct position.

- 1.** Remove the front cover by sliding the lock / latch to the left. See (FIG. 11).
- 2.** Disconnect the dust bag from the pipe on the cover as well as from the back of the unit.
- 3.** Discard the used dust bag.
- 4.** Attach the new dust bag's cardboard collar, with the arrows, to the pipe in the back of the unit. See (FIG. 12).

i Push the collar all the way onto the pipe to ensure it is completely attached.

- 5.** Push the front cardboard collar of the dust bag all the way onto the pipe on the front cover.
- 6.** Slide the front panel, left side first, into the small slots on the left side of the vacuum frame.
- 7.** Ensure the dust bag is completely inside the compartment, then push the right side into the

frame, until the lock / latch clicks into place. See (FIG. 11).

FIG. 11

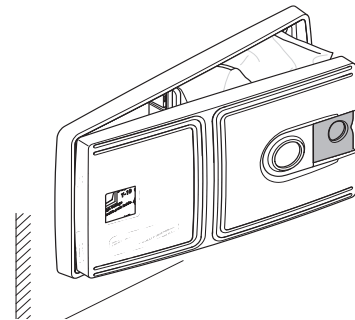
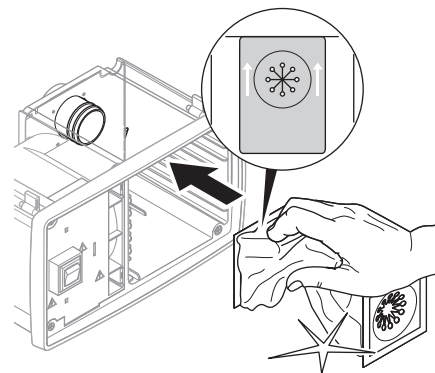


FIG. 12

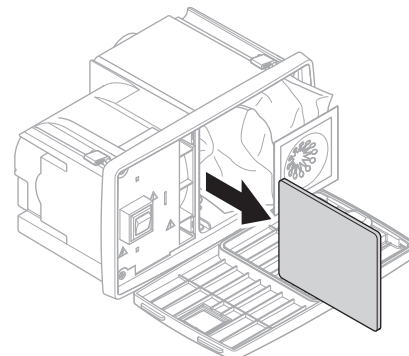


D. Replacing and Cleaning the Motor Filter

i Replace or clean the motor filter after you have changed the dust bag five times or if it is heavily soiled. You can wash the motor filter by hand in mild soapy water. Do **NOT** wash it in a washing machine or with hard objects. Let it dry completely before fitting it into the vacuum cleaner in the direction of the arrows.

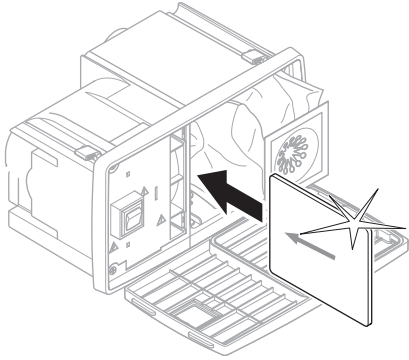
- 1.** Remove the motor filter and insert a new one, or reinsert the cleaned motor filter. See (FIG. 13) & (FIG. 14).

FIG. 13



OPERATING INSTRUCTIONS

FIG. 14



E. Cleaning and Maintenance of the Unit

NOTICE Do **NOT** use sharp or hard objects or cleaning agents for cleaning as these may damage the unit.

-  1. Clean the unit with a damp cloth as needed.

TROUBLESHOOTING



The vacuum cleaner is equipped with a thermal overload protection which prevents the motor from overheating.

If the motor stops, switch the device off by setting the switch to the "O" position or disconnecting the suction hose from the external hose socket. Let the device cool down for approximately one hour.

If this fault still occurs following the troubleshooting measures described below, then please contact the manufacturer or your dealer.

A. General Troubleshooting

If the motor stops, switch off the vacuum cleaner and proceed as follows:



1. Check whether the suction hose is blocked. Check by holding the hose up in one hand and dropping a quarter into the hose. If the quarter doesn't come out the other end, then it is clogged. See "B. Cleaning of the Stretch Hose".
2. Check the dust bag. If a large amount of dirt, which is not household dust (plasterboard dust, fine sawdust, etc.), is vacuumed up, the pores in the dust bag can get blocked. Insert a new bag if needed.
3. Clean the suction hose if it is heavily soiled. See "B. Cleaning of the Stretch Hose".
4. Check whether the floor tool is blocked. If so, clean the floor tool.
5. Check the motor filter. If needed, clean or replace the filter.

B. Cleaning of the Stretch Hose



1. Lift the hose up on both ends and place liquid dish washing detergent into both ends.
2. While holding the vacuum cleaner stretch hose ends in the up position, use a garden hose to fill it with water.
3. Alternately lift ends of vacuum cleaner stretch hose up and down, loosening the dirt.
4. Stretch the hose as far as possible (two people required), and rinse the dirt out with the garden hose.
5. Repeat process until hose is clean.
6. Allow vacuum cleaner hose to dry completely (up to 24 hours) before use.

⚠ WARNING FIRE HAZARD. Do **NOT** use vacuum sweeper to pick up liquids, lit cigarettes, hot ashes, razor blades, needles, pins or other sharp objects.

WARRANTY INFORMATION

A. DOMETIC LIMITED TWO-YEAR WARRANTY

THE SELLER NAMED BELOW MAKES THE FOLLOWING WARRANTY WITH RESPECT TO THE DOMETIC PRODUCT:

1. This warranty is made only to the first purchaser (herein after referred to as the "Original Purchaser") who acquires the product for his own use and is installed and operated within the continental United States and Canada.
2. This warranty will be in effect for two years from the date of purchase by the Original Purchaser. It is suggested that the original purchaser retain a copy of the dated bill of sale as evidence of the date of purchase.
3. This warranty covers the entire unit as well as parts, all of which shall be free from defects in material and workmanship under normal use. This warranty does not cover conditions unrelated to the material and workmanship of the product. Such unrelated conditions include, but are not limited to: (a) damage not reported within the first seven (7) days of ownership; (b) failure to follow Sellers instructions for use of product; (c) any accident to, or misuse of, any part of this product and any alteration by anyone other than the Seller or its authorized representative; (d) any non-Dometic parts that are installed as replacement parts will void any warranty (implied or written).
4. In order to obtain the benefits of this warranty, the original purchaser must contact Dometic / InterVac for troubleshooting the product by emailing intervac@intervacdesign.com or calling toll free 1-888-499-1925 to receive exact instructions on how to return the product, which is found defective.
5. Any item returned in the manner described in paragraph (4) will be examined by the Seller or the Authorized Dometic Service Center. If it is found that the returned item was defective in material and workmanship, the Seller or the Authorized Dometic Service Center will repair or replace the product per the terms outlined in paragraph (4) or refund the purchase price paid (choice of remedy to be at Seller's sole discretion). CONFIRM THE SERVICE AGENCY IS AN AUTHORIZED DOMETIC SERVICE CENTER. DO NOT PAY THE SERVICE AGENCY FOR WARRANTY REPAIRS. SUCH PAYMENTS WILL NOT BE REIMBURSED.
6. The Seller does not authorize any person or company to create any warranty obligations or liability on their behalf. This warranty is not extended by the length of time which you are deprived of the use of the product. Repairs and replacement parts provided under the terms of this warranty shall carry only the non-expired portion of this warranty.
7. In no event shall either seller be liable for incidental or consequential damages. This includes any damage to another product or products resulting from such a defect. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply.
8. Any implied warranty, including the implied warranty of merchantability and fitness for any purpose, is limited to the duration of this limited warranty. Some states do not allow limitations on how long an implied warranty can last, so the above limitation may not apply.
9. THIS WARRANTY GIVES SPECIFIC LEGAL RIGHTS; YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. No action to enforce this warranty shall be commenced later than ninety (90) days after the expiration of the warranty period. Claims must be submitted in writing to the Dometic Warranty Department for arbitration.
10. The Seller reserves the right to change the design of any product without notice and with no obligation to make corresponding changes in products previously manufactured.

Please register by completing and returning the enclosed warranty card or visit eDometic.com.

Edges of template paper are the cutting lines:
11" (280 mm)

Cut line - 6" (152 mm)
from edge of paper

Paper Template W608
for all CS Models