Clean made Simple

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MODEL: _____
Date Purchased: _____
Place Purchased: _____

Manual #M10
Revision Date :10/19/2026

INSTALLATION AND OPERATING MANUAL

120- and 220-VOLT POWER UNITS

MODEL CS-6 for Power Management

MODEL CS-8 Power Cord or Hardwired

MODEL CS-RM with Power Cord

Model CS-6 + CS-8

Model CS-RM

PLEASE NOTE:
The **CS8 and CS6** have single opening in the dust bag
The **CS-RM** has double opening in the dust bag

IF YOU SHOULD HAVE ANY QUESTIONS OR EXPERIENCE A PROBLEM WITH YOUR INTERVAC PRODUCT, DO NOT RETURN THIS PRODUCT TO THE STORE OR DEALER, PLEASE CALL OUR SERVICE DEPARTMENT AT: 1-888-499-1925, WE ARE HERE TO HELP.

WARNING: Owner read carefully.
This manual must be read and understood before installation, adjustment, service or maintenance is performed. This unit should be installed by a qualified technician.

InterVac Design Corp.,
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IMPORTANT SAFETY INSTRUCTIONS

POLARIZATION INSTRUCTIONS FOR MODELS CS-8 AND CS-RM WITH POWER.
These have a polarized plug (one blade 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 does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way! **DO NOT USE WITH EXTENSION CORD!**

When using an electrical vacuum cleaner, basic precautions should always be followed including the following: Read all instructions carefully before using this vacuum cleaner.

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY:

1. Do not leave appliance when plugged in. Unplug from an electrical outlet when not in use and before servicing.
2. Do not use outdoors, on wet surfaces or to suck up drywall/saw dust.
3. Never operate this vacuum cleaner without a dust bag and filters in place.
4. Close attention is necessary when used by or near children. Do not allow unit to be used as a toy.
5. Use only for intended use as described in this manual. Use only the manufacturer's recommended attachments and dust bag.
6. Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or fell into water, return the vacuum cleaner to InterVac or an authorized service dealer for examination and repair.
7. 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. When the secondary filter becomes dirty, rinse in warm water or replace with a new filter. Filter should be completely dry before using.
8. Never drop or insert any object into any opening.
9. Turn off all controls before unplugging.
10. Do not pull or carry by cord, do not use cord as a handle, do not close a door on the cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
11. Do not unplug by pulling on cord. To unplug, grasp the plug. not the cord.
12. Keep hair, loose clothing, fingers, and all parts of body away from any openings and all moving parts.
13. Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
14. Use extra caution when cleaning on stairs.
15. Do not handle plug or appliance with wet hands.
16. Do not pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
17. Do not place objects against the vacuum cleaner. Keep area clear.
18. Do not step on the hose or pull the hose forcibly.
19. Do not pick up large objects such as wastepaper or cloth, which may clog the hose.
20. Do not install this vacuum cleaner in an area exposed to high temperatures.
21. Install this vacuum cleaner in a dry place.
22. Do not attempt to service the vacuum cleaner. Unit is sealed and cannot be opened without damage to the unit. For service, call your local authorized service dealer, or InterVac Design's Customer Care Center.
23. Do not install in any area where explosive vapors or fumes, Might be present.

SAVE THESE INSTRUCTIONS

for Household and R/V use

LIMITED WARRANTY

InterVac Design Corp. warrants power units and VacPorts for two (2) years, and accessories for thirty (30) days, from the original purchase date against defects in materials or workmanship. Normal wear and replacement of consumables are not covered. No cash refunds.

This warranty is extended only to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty performance is rendered.
You must return your warranty card or register on our website to be covered under these provisions.
This warranty only covers failures due to defects in materials or workmanship which occurs during normal use and does not cover damage which occurs in shipment or failures which are caused by products not supplied by InterVac Design, or failures which result from accident, misuse, abuse, neglect, mishandling, misapplication, alteration, modification, or commercial use such as hotel, office, restaurant or rental use of the product, or service by anyone other than an authorized service center, or damage that is attributable to acts of God.
There are no expressed warranties except as listed above.

LIMITS AND EXCLUSIONS:

INTERVAC DESIGN SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESSED AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTHABOVE.
Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights that vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or our service center. If the problem is not handled to your satisfaction, then write to the Customer Service Center at the company address.

Specification:

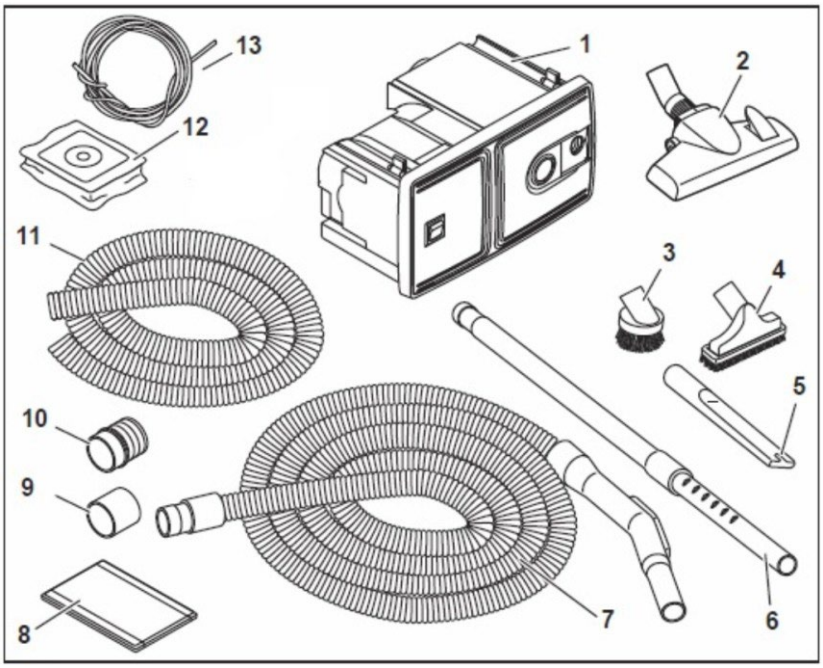
CS-6 and CS-8 120 Volt, 10 Amp 60Hz, Weight 5.5 lb.
CS-RM 120 Volt, 10 Amp 60Hz high efficiency motor, Weight 5.6 lb. CS and CS-RM 220 Volt, 5 Amp, 50/60 Hz

Parts List:

Vacuum Cleaner with screws and clamps
Vacuum tool kit: various

Read the Safety Instruction on the yellow label on the housing!

CAUTION: DISCONNECT POWER BEFORE ATTEMPTING TO INSTALL THIS UNIT. CHECK FOR ANY OBSTRUCTIONS BEHIND THE MOUNTING SURFACE

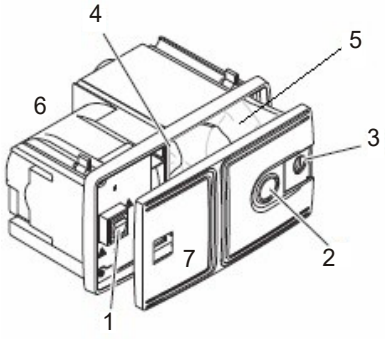


Please Note:

Some of the CS models have different tool kits

Parts

1) CS/CS-RM power unit
2) X403 floor tool
3) X250 dust brush
4) X300 upholstery tool
5) X200 crevice tool
6) X157 telescoping wand
7) 35-foot vacuum hose depending on model
8) AS-40-E inlet valve black CS-RM only
9) P30 pipe to pipe coupling, CS-RM only
10) D900 pipe to flex-hose coupling, CS-RM
11) X640 2" dia. flex-hose, CS-RM only
12) Y10 for CS6/8, Y11 for CS-RM/9/10, dust bag
13) E30 6' low voltage wire, for CS-RM only



1) on-off switch
2) sliding hole cover
3) lock-slider
4) Y22 motor filter
5) dust bag
6) vacuum housing
7) vacuum front panel

CS6 Hard Wired for Power Management

Fixed supply wiring: sized for the specified circuit

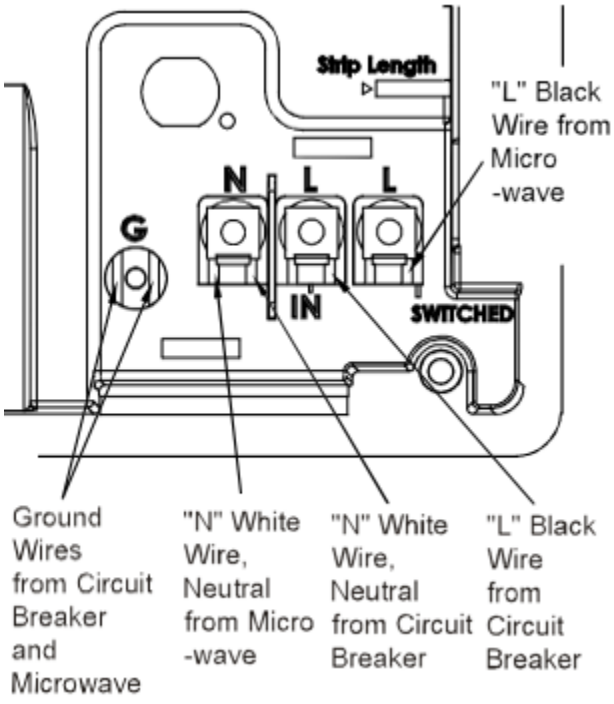
Same wall installation procedure as on Page 5 and 6

CS6 version was designed for limited amperage availability. If for example you use the microwave oven or your air conditioner with the vacuum cleaner at the same time you circuit breaker might be overloaded.

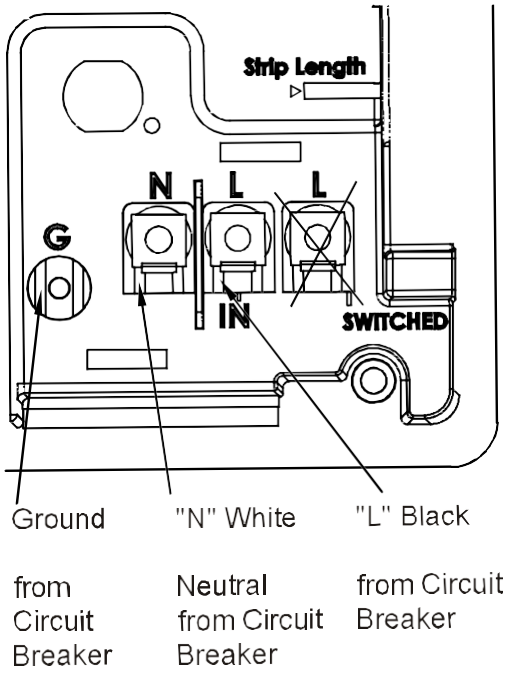
After installing the following electrical connections, you can only run one appliance at a time.

The Following installation can be made only by a qualified electrician

For Power Management CS-6 only (20amp Max)



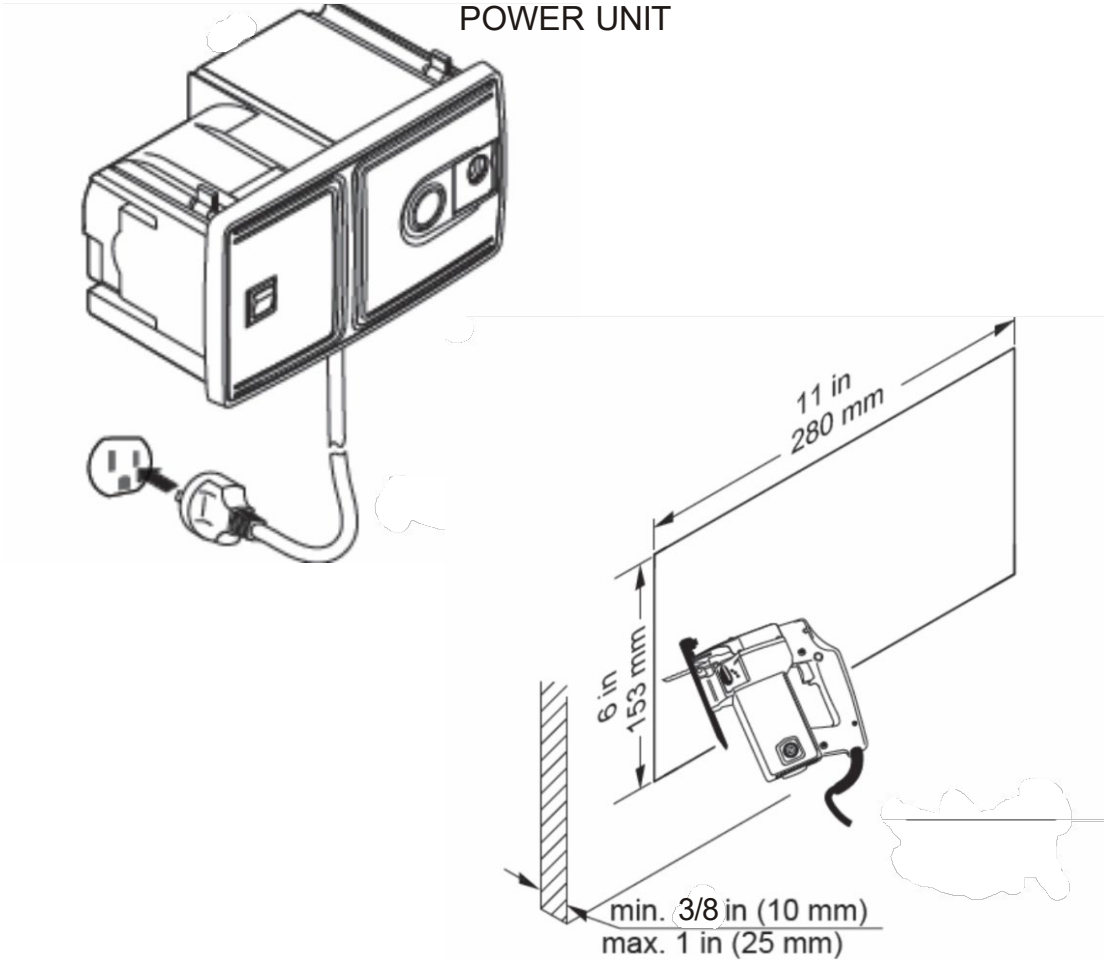
Hard Wiring model CS-8 or CS-RM



Power Management to prevent overloading the circuit breaker:

Step 1. Turn off the breaker to the area you will install the unit.
Step 2. Find the power cable connecting the Microwave Oven to the Circuit Breaker.
Step 3. Disconnect the exiting cable at the Microwave Oven. Reroute the cable to the Vacuum cleaner installation.
Step 4. In the back of the vacuum find the wire connections.
Step 5. Strip all 3 wires by about 5/8".
Tip: leave a loop in the wires from the vacuum to the wall where the cables are securely attached.
Step 6. From the Microwave (or other appliance) connect the Black wire to **"L"** (line)(switched), the White wire into **"N"** (neutral) and connect the Ground wire under the washer screw head to **"G"**.
Step 7. From the circuit breaker, run Romex supply cable sized by a qualified electrician for the specified circuit and local requirements to the vacuum.
Step 8. Strip the 3 wires and attach the Black to **"L"**, the White wire into the other **"N"** (neutral) and the GROUND wire to the other **"G"** connection.
Step 9. Attach the wire cover (supplied) over the connections by guiding the wires through the opening at the bottom of the cover and screw cover into place.
Step10. On the front side of the vacuum, toggle the switch to "SOURCE".
Step11. Switch-on the circuit breaker and check if the other appliance is operating.
Step12. Now toggle the switch on the Vacuum to "VAC".
The other appliance will stop operating and the Central Vacuum is ready for use.

CS-8 Installation Instruction



The central vacuum should be mounted so that power supply cord can be plugged directly into an electrical outlet.
Choose a place that is centrally located to maximize the reach with the vacuum hose.
The minimum wall thickness is 3/8" the maximum is 1".

The cut-out in the wall is 11"wide X 6" high and requires 6" depth for CS but deeper for CS-RM.

Very important: ***If you installed the vacuum in a very small cabinet, you must make provisions to exhaust the air from the vacuum out of the cabinet.***

Option 1: Cut a hole in the cabinet a minimum **3"**, attach a louver to cover the hole.
Option 2: Use our part #AS-61 exhaust fitting with a **2"** diameter flex-hose to guide the warm air to the outside, or to wherever you prefer. See page 13 options.

Step A. Tape the paper template against the surface at a comfortable operating height.
Step B. With a skill saw cut along the dotted line of the paper template**.**
Step C. Slide the unit, power cord in first, into the opening and secure by tightening the four attached screws behind the front panel with the "clamps". Do not over-tighten.
Step D. Check to be sure dust bag and motor filter are in place.

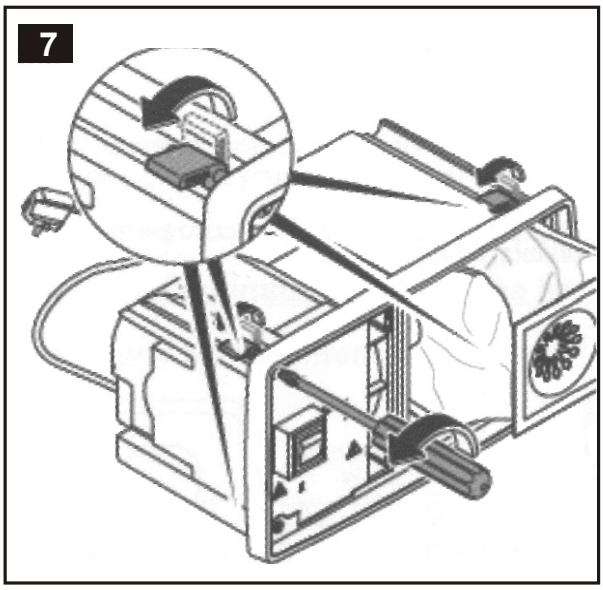


FIG 7.
With a Phillip head screwdriver adjust the distance between the clamp and the vacuum frame so the clamp reaches behind the frame.

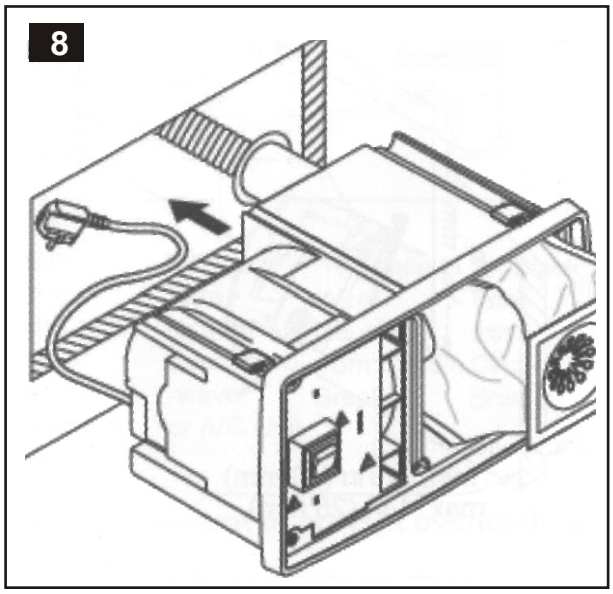


FIG 8.
Slide the vacuum with the cord into the opening.
You might have to hold the 2 lower clamps up.

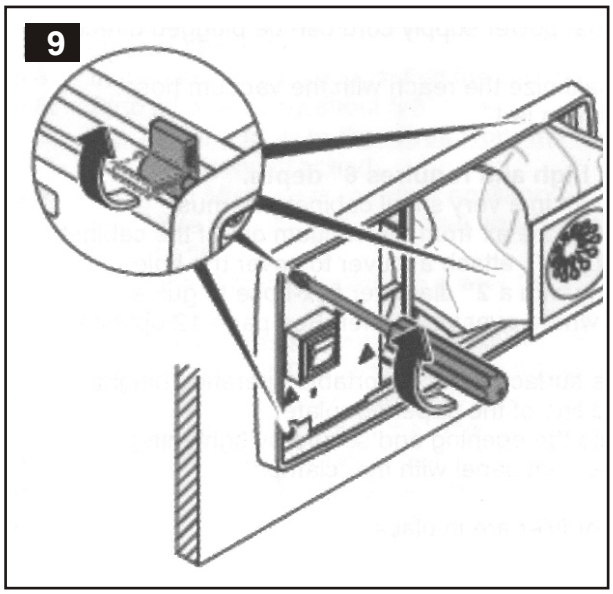
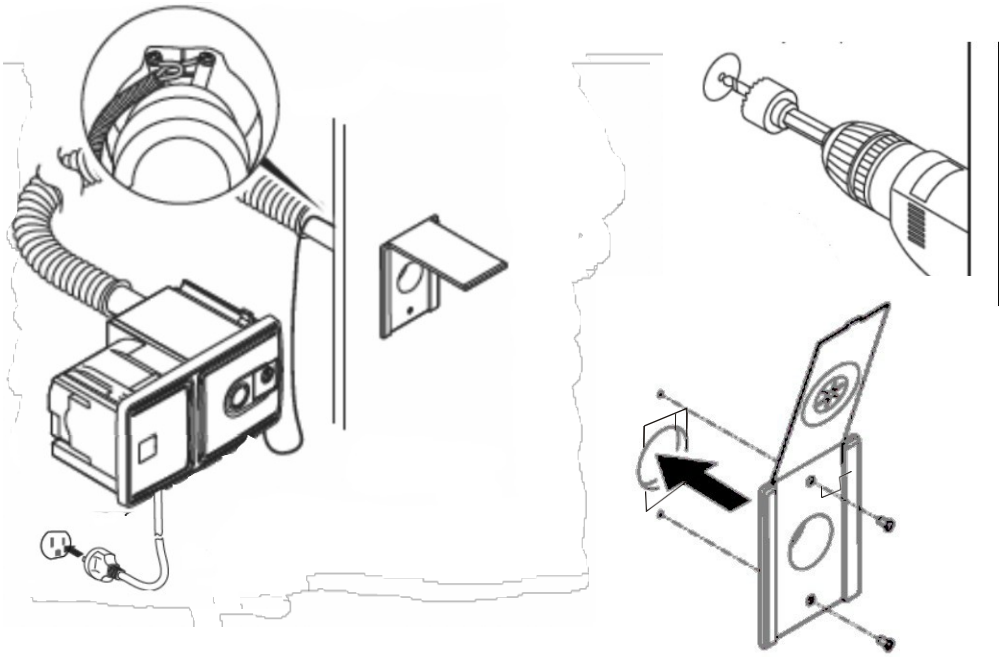


FIG 9.
Now tighten the 4 screws the clamps will press against the back of the wall, ***do not*** over tighten.
When removing vacuum only unscrew 2 or 3 revolutions.

CS-RM Installation Instruction

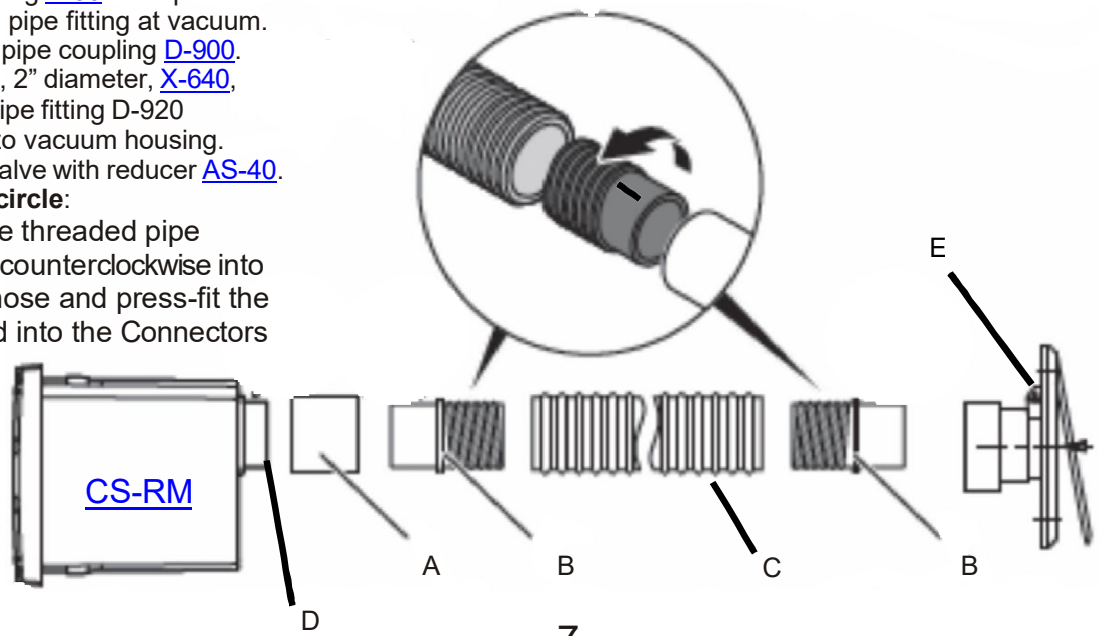
SEE PAGE 5 and 6 FOR THE POWER UNIT INSTALLATION



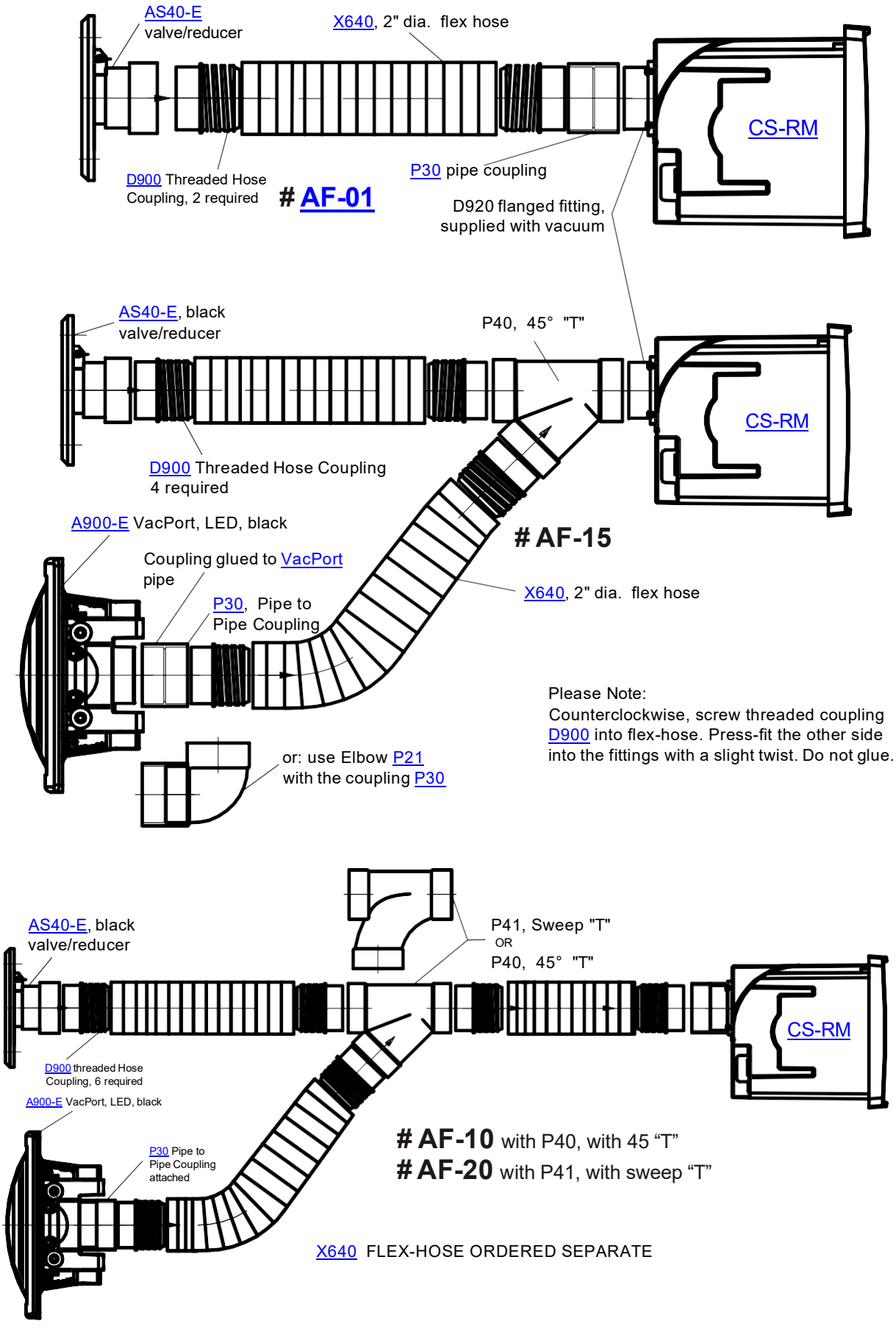
1. Inside the vacuum chamber you will find the flanged pipe with 4 screws. Attach the black flanged pipe into the back hole of the power unit.
2. Install the vacuum valve about 3 to 4 feet from the vacuum. (The 2” dia. Flex-hose comes standard at 4’ feet long.)
3. With a circular saw, see above on the right and below, cut a 2-1/2” hole, with a jig saw open the hole so that the vacuum valve is flush with the wall.
4. Then route the 2” flex-hose form the vacuum to the valve.
5. Route the supplied (low voltage, 24v.) white wire (the wire has 2 small leads) along the flex-hose to the back of the vacuum to the 2 yellow pigtails.
   IMPORTANT: *Leave 3” of slack at the connections. Do not remove the 2 screws at the valve completely unscrew just enough to get the wires under the screw heads.*
6. Connect the yellow wires with wire nuts outside the vacuum housing.
7. Secure the wires.

A) Pipe coupling P-30 to be press-fit to flanged pipe fitting at vacuum.
B) Threaded pipe coupling D-900.
C) Flex-hose, 2” diameter, X-640,
D) Flanged pipe fitting D-920 attached to vacuum housing.
E) Vacuum valve with reducer AS-40.

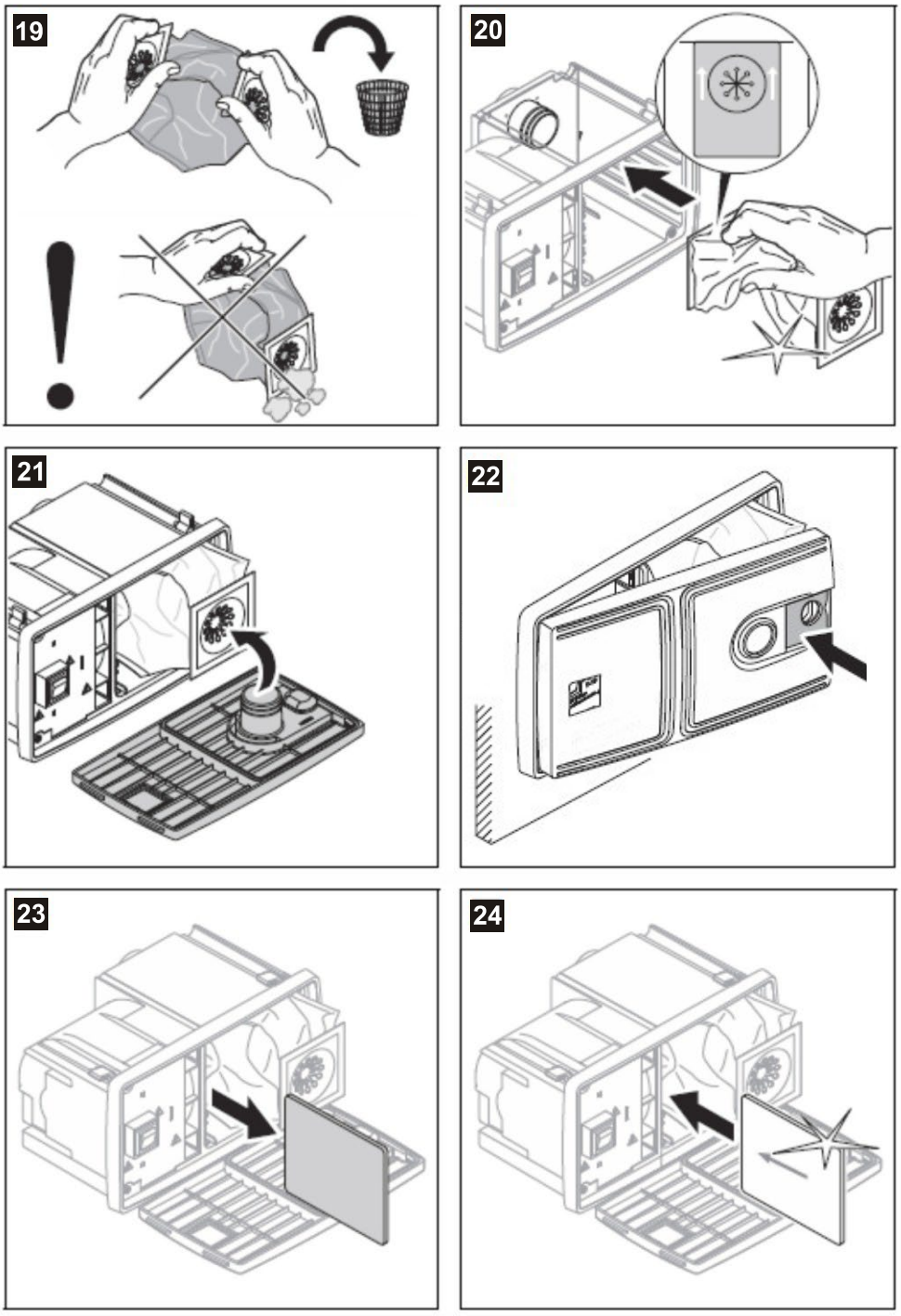
Note for circle:
Screw the threaded pipe coupling counterclockwise into the flex-hose and press-fit the other end into the Connectors



VARIOUS VALVE CONNECTION for CS-RM Model



Installing dust bag and motor filter



#19 Model CS-RM; handling and disposing of the double-sided dust bag.
#20 Model CS-RM; inserting the dust bag, see also page 10 picture 1,2 and 3.
#21 All Models; inserting the front panel into the collar of the dust bag.
#10 All Models; attach the front panel in an angle on the left side first.
DO NOT USE FORCE! Then push slider lock to the right, see arrow.
#23 All Models; removing the motor filter
#24 All Models; sliding the filter back into the slot, note the arrow direction.

HOW TO OPERATE YOUR VACUUM CLEANER

IF THE VACUUM STOPS RUNNING:

If the vacuum hose becomes clogged the motor will shut off. Push the switch into "source" (Model CS-6) or "off" position (Model CS-8 and CS-RM) and let the motor cool down for one hour. Restart the vacuum without the vacuum hose attached and push the slider cover to open on the front panel, let the vacuum run for about 10 minutes. If vacuum keeps running the hose or the tools are clogged.

PLEASE SEE TROUBLE SHOOTING GUIDE.

A. Connecting and disconnecting the friction vacuum hose.

1. Push the slider cover on the front panel to the open position.
2. Insert hose cuff with a twist and push to secure.
3. To remove, turn cuff in either direction while pulling hose towards you.

B. On / Off Switch

1. To start the vacuum cleaner, push the switch to the "I" on or "VAC" position depending on your model.
2. To stop the vacuum cleaner, push the switch to the "O" off or "MICRO / SOURCE" position depending on Model.

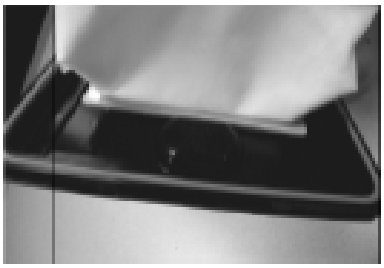
C.1. How to change the Y10 dust bag. *DO NOT REUSE DUST BAGS*

CS-6 and CS-8 MODELS with single collar bag

Replacement bag: Part # Y10 high filtration 5-layer fiber bag.

1. Remove the front panel on the vacuum cleaner by sliding the latch/lock to the left and remove the front panel and dust bag.
2. Carry front panel and dust bag to the trash container. Remove full bag and discard.
3. Push the cardboard collar of the new dust bag all the way over the pipe on the front panel. Pictures A to C
4. Slide the front panel, with the left side first into the small slots on the left side of the vacuums frame, ensure dust bag is completely inside compartment, then push the right side into the frame until the lock/latch clicks into place. With your thumb you might have to push the lock/latch further to the right.

Picture A Picture B Picture C



C.2. To change motor filter, Replacement Part # Y22

1. *Remove **FRONT PANEL** with **DUST BAG**.*
2. *On the left side, inside the vacuum chamber, you will see the filter with the **arrow pointing towards the back wall**.*
3. *Replace the filter with a new or cleaned filter, with the arrow pointing towards the back wall check that the filter stays on the left side of the top and bottom frame.*
4. *If the filter is dirty you can wash in mild soap by hand.*
   a) ***Do not clean in washing machine**. Let filter dry **completely** and reuse as needed.*

CAUTION:
DO NOT PICK UP LIQUIDS, LIT CIGARETTES, HOT ASHES, RAZOR BLADES, NEEDLES, PINS OR OTHER SHARP OBJECTS

Attaching Front Panel and Dust Bag to Vacuum

Picture D

Insert motor filter first, then slide dust bag into vacuum chamber.

Picture E

Slide front panel with left side into the vacuum frame. Watch out that the bag does not get champed between front panel and frame!

Picture F

Snap front panel down into the frame and push the latch to the right to lock.

C.3. How to change the Y11 dust bag. *DO NOT REUSE DUST BAGS*

CS-RM MODELS **with double collar bag**

Replacement bag: Part # Y11 high filtration 5-layer fiber bag.

1. *Remove the front panel on the vacuum cleaner by sliding the latch/lock to the left and remove the front panel with dust bag attached dust bag. Remove full bag and discard.*
2. *Please notice: the #Y11 double sided bag has 2 openings. The collar which attaches in the back of the vacuum chamber is clearly marked "**PUSH THIS COLLAR OVER PIPE IN THE BACK OF THE VACUUM CHAMBER FIRST**" Hold the dust bag by the edges of the cardboard in your hand like shown in the **picture #1** below. Push onto the pipe in the back of the chamber holding at about a 45-degree angle and then push down the lower part of the Collar against the back wall until flush. **Pic. #2.***
3. *Push the front cardboard collar of the dust bag all the way over the pipe on (the front panel. **Pic. #3***
4. *Slide the front panel. with the left side first into the small slots on the left side of the vacuums frame, **see Pic's E and F above.** Ensure dust bag is completely inside compartment, then push the right side into the frame until the lock/latch clicks into place.*

Picture 1

Picture 2

Picture 3

C.4. To change motor filter, replacement Part # Y22

1. *Remove FRONT PANEL with DUST BAG.*
2. *On the left side, inside the vacuum chamber. you will see the filter with the arrow pointing towards the back wall.*
3. *Replace the filter with a new or cleaned filter, with the arrow pointing towards the back wall check that the filter stays on the left side in the top and bottom support. If the filter is dirty you can wash in mild soap by hand.*

***Do not clean in washing machine**. Let filter dry **completely** and reuse as needed.*

TROUBLE SHOOTING:

TIP: Model CS-RM if you do not have any suction power, but the motor runs:

A) One of the gray hoses connecting the vacuum with a valve came loose or was not connected properly.

B) The slider on the vacuums front panel is not closed.

NOTE: IF MOTOR SUDDENLY STOPS:

1. *The most common cause is a clogged hose. Disconnect vacuum hose from cleaner, hold one end high up in the air and drop a quarter or similar object into the hose. If the quarter gets stuck the hose is clogged. Try to unclog the hose with a long stick or see below "cleaning the hose".*
2. *The bag is overfilled, or fine dust has clogged the bag. Replace with new bag.*
   DO NOT EMPTY AND REUSE
3. *The vacuum cleaning tools are clogged.*
4. *Vacuuming large amounts of dust other than household dirt, such as dry-wall or fine wood dust can block the bags pores fast, even if the bag is fairly new; resulting in burning out the motor.*
5. *The motor filter is dirty and should be cleaned or replaced.*
6. *If vacuum unit is installed in an airtight compartment the exhausting air cannot escape, the motor can overheat and shut off until it has cooled down and is restarted, see page 10.*

CLEANING THE STRETCH HOSE:
The stretch hose, besides all its' conveniences, tends to get clogged, especially if you have pets.

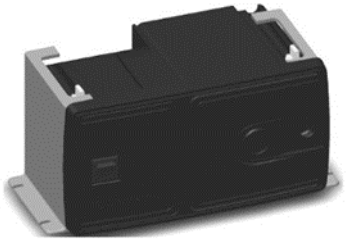
a) *Lift the hose up on both ends and dispense some liquid detergent into both ends.*
b) *With a garden hose, holding both ends still up, fill ¾ with water.*
c) *Shake hose up and down, let detergent loosen the dirt.*
d) *Stretch the hose as far as you can (2 people required) and wash the dirt out with the full pressure of the garden hose. Repeat if necessary.*
e) *Hang hose up, let hose drain and dry completely, up to 24 hours.*

MAINTENANCE INSTRUCTION:

a) *Keep vacuum chamber clean. Use a brush to clean out dirt if accumulated.*

Options:

Part # AS-61, Exhausting the warm air from the vacuum outside the cabinet when vacuum is to be installed in a very confined space.
AS-61 consists of a funnel which snaps into the back of the vacuum, 2.5 feet of flex-hose X640 and a flanged spigot.
Attach flex-hose to funnel and spigot with PVC glue or hose clamps.



Part #C065. Set of mounting brackets for all CS Models. If you do not like to install the CS models in a wall, you can mount the vacuum on a horizontal surface, upside down or against a vertical wall.

VacPort sweeper pan.
Model **A900** with LED lighting
Model **A910** without LED lighting
Model **A950** includes VacPort with 2" flex-hose and all fittings.
For CS-RM models only.
Besides a standard vacuum valve, you could add the VacPort in your kitchen cabinet's kickboard and use a broom to quickly clean the floor.

Electrical supply and warranty

M10 | Revision 19 October 2026

Dedicated circuit recommendation

We recommend that all our vacuum cleaners be connected to a dedicated 20 A circuit for 110 V models or a dedicated 15 A circuit for 220 V models.

Fixed branch-circuit wiring must be sized and installed by a qualified electrician for the recommended circuit and applicable local electrical requirements.

Use the electrical rating shown on the product rating label. Existing 120 V product ratings remain 120 V. Factory-fitted appliance leads are separate from fixed branch-circuit wiring.

Limited warranty

Power units and VacPorts: two (2) years from the original purchase date.

Accessories: thirty (30) days from the original purchase date.

Warranty coverage applies to defects in materials or workmanship. Normal wear and normal replacement of consumables are not covered. Retain proof of purchase. The other applicable warranty conditions in this manual remain in effect.