



OWNER'S MANUAL

AUTOMATIK SERIES



IMPORTANT SAFETY INSTRUCTIONS

When using an electronic appliance, basic safety precautions should always be followed. Read all guidelines before operating the unit.

To reduce risk of fire, electric discharges or injuries:

- Use this vacuum only for its intended use as described in this manual. (Use of attachments not recommended by the manufacturer may cause fire, electric shock, injury or damage to system components.)
- Do not allow vacuum to be used as a toy. Close supervision is necessary when this vacuum is used by or near children.
- Do not leave the unit running without any supervising. Disconnect the unit if it is not used and before maintenance.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not pick up any flammable liquids or combustible materials (gasoline, fuel, diesel) hot debris, waste solvents (paint or other), explosive materials that would cause harm to the vacuum cleaner.
- Do not vacuum drywall dust or baking flour as it may cause damage to your vacuum.
- Avoid picking up hard or sharp objects to prevent damaging or block the hose and the plastic pipes.
- Do not put any object into openings. Do not use with any opening blocked. Keep free of dust, lint, hair and anything that may reduce airflow/suction. Lack of air flow will cause the motor to overheat.
- This vacuum cleaner creates suction. Keep hair, face, fingers, all body parts and loose clothing away from any openings.
- Never plug in a unit designed to operate with a current of 108V - 120V in a 220V - 230V outlet and vice versa.
- If the power cord is damaged, it must be replaced by a special cord available from the authorized local dealer/distributor.
- Do not use extension cords or outlets with inadequate current carry capacity.
- Never operate this vacuum if it has a damaged cord or plug, if it is not working properly, or if it has been dropped or damaged. Return to authorized dealers/distributor for repairs.
- Never disconnect plug by pulling cord. To disconnect from the outlet, grasp the plug, not the cord.
- Do not locate the power unit in a high temperature area or where it is inaccessible, for example, an attic or crawl space.
- Never handle plug, cord or power units with wet hands.
- Connect to a properly grounded (earthed) outlet only. See grounding (earthing) instructions.
- Keep cord away from heated surfaces.
- Turn off all controls before unplugging.
- Unplug electrical appliances before vacuuming them.
- Hoses with electrical connections must not be used if damaged.

By overlooking safety rules, you might risk putting your health in danger and to those who surround you!

Drainvac International disclaims any responsibility should you infringe upon these guidelines.

SAVE THESE INSTRUCTIONS

We wish to thank you for your trust and congratulate you for having chosen a Drainvac product. It is a sound investment that will satisfy your vacuuming needs for years to come. The concept of Drainvac's Automatik central vacuum cleaners is unique and patented. They are manufactured and checked at our plant by our qualified staff who have been specifically trained to this end. A number of installations and operating methods must be followed to ensure your system's maximum performance and to avoid unnecessary service calls. Please read this manual carefully.

REGISTRATION

To fill in the Drainvac product registration form, go to www.drainvac.com/client-support/register-your-drainvac

First off, we recommend you to fill out this form before you start the installation process. If you have any concerns or problems you may encounter, please contact the nearest retailer. The unit's profile will be required.

Model*: _____

Serial number*: _____

Retailer name: _____

Date of purchase: _____

Date of the last maintenance: _____

*This information is found on a metal tag located on the left side of the unit.



Metal tag



HOW THE SYSTEM WORKS

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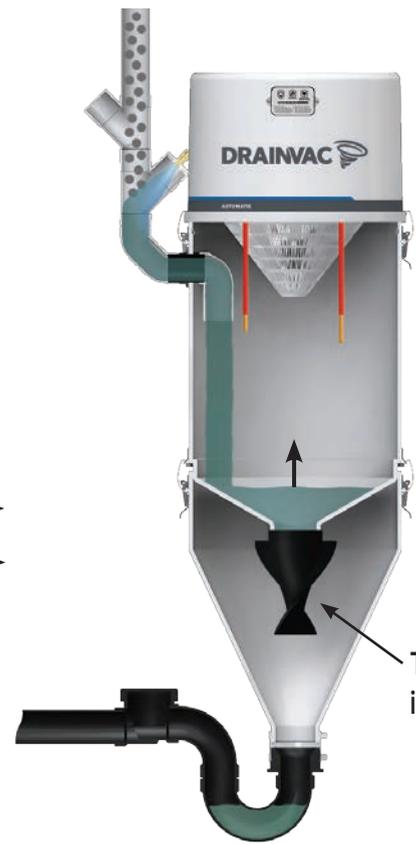
HOW THE SYSTEM WORKS

Drainvac Automatik central systems are designed to vacuum both solids and liquids. The canister never needs to be emptied manually since the wastewater is automatically evacuated through the building's drainpipe or can be redirected to a nearby floor drain.

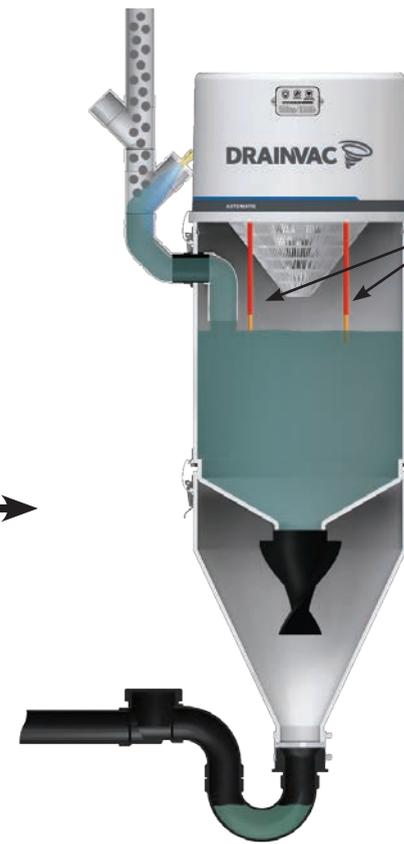
OPERATION SEQUENCE



Step 1
Unit is off.

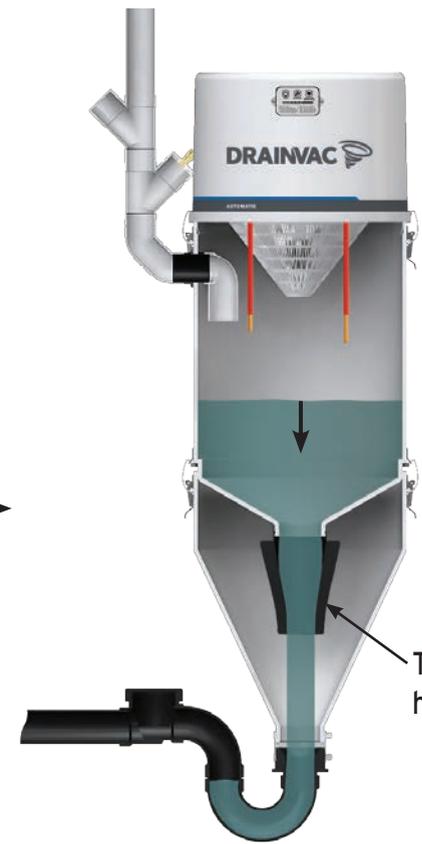


Step 2
Start up: The dirt begins to be vacuumed and water flows in.



Step 3
Water flows in, reaching the electrodes (approx. 10 minutes).

Water comes into contact with the electrodes



Step 4
The wastewater is evacuated (approx. 20 seconds).

The rubber hand opens



HOW THE SYSTEM WORKS

The sensitivity of the electrodes can be modified by the printed circuit board. See Annex for more information.



To see a video of the sequence, go to <https://www.youtube.com/watch?v=VEnUJxHEN4M>

HOW TO USE THE SYSTEM

STARTUP

As you connect the hose to the wall inlet or manually turn on the unit, the Automatik system **starts up in a progressive manner**. The soft start feature protects the electrical pannel from sudden high tension. At the same time, **water starts to flow in** from the water jets located in the air inlet of the unit.

GENERAL INFORMATION

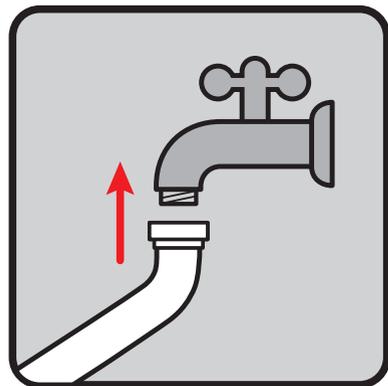
As you are cleaning, the vacuum unit gradually fills up and **comes to an automatic stop once water reaches the electrodes**. While the system is stopped, **the vacuumed content is being evacuated from the unit**. This can take a few seconds before the system starts back again (refer to page 6 and 7).

NOTICE: Disconnecting the hose from the wall inlet stops the system, which **opens the rubber hand and empties the unit's content**.

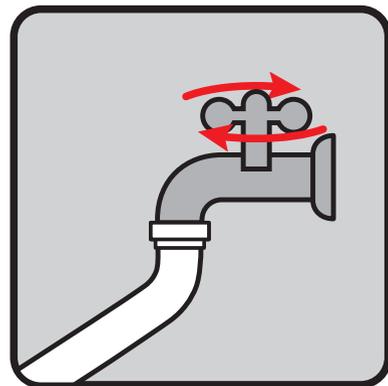
LIQUID PICK-UPS

Instead of the regular floor brush, use a tool specially designed to vacuum liquids.

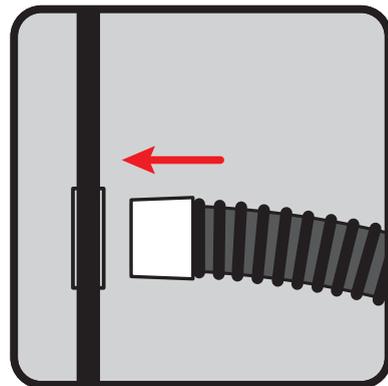
If you are using a cleaning kit equipped with jets:



Connect the water hose from, either the cleaning tool or cleaning wand, to the faucet.



Open the faucet, use preferably warm water.

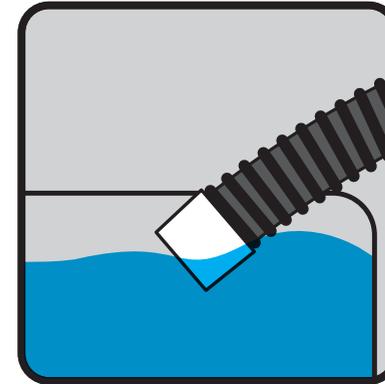


Connect the hose into the wall inlet.

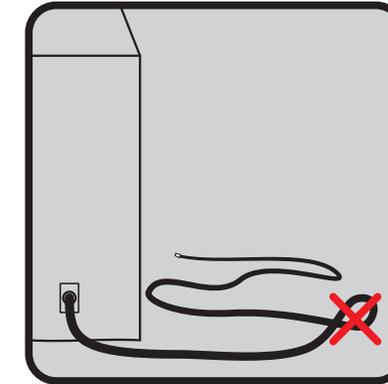
HOW TO USE THE SYSTEM

BEFORE STORING AWAY

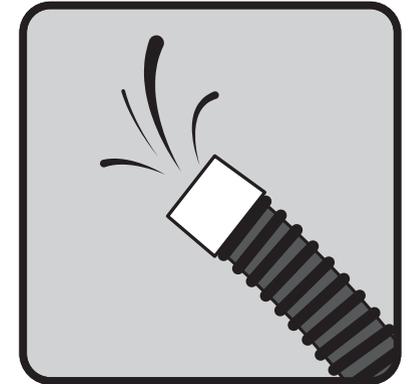
Cleaning wet surfaces dirties the inside of the hose. It is therefore necessary to clean them before storing away the equipment.



Vacuum 2 gallons of clear water



Fully extend the hose and undo any loops

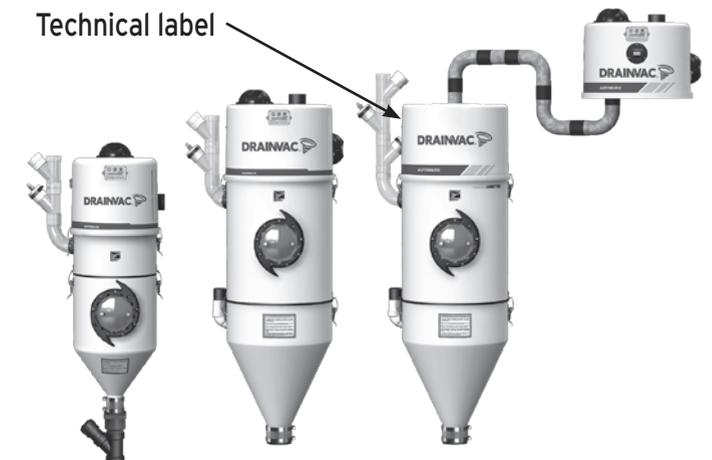


Keep the unit running for a few minutes as it dries out
Optional: vacuum toilet paper to accelerate drying process.

These procedures eliminates any leftover liquids and prevents unwanted leaks when disconnecting the hose. Ignoring these steps might leave you with a bad stench, mould accumulation and even a clogged hose.

TYPE OF UNITS

You have purchased one of the following models. Identify the one related to it. The model number appears on the technical label stuck on the left side of your unit.



TECHNICAL SPECIFICATIONS

NORTH AMERICA (108V - 120V)

MODELS	AIRWATTS	H ₂ O	CFM	dB	MOTOR	AMPS	CAPACITY	FLOW RATE / MIN.	DIMENSIONS (in/cm)
DV1A150	700	125	150	66	1	15	4 gal. / 18 L	0.3 gal. / 1.2 L	12" dia. x 37" / 30cm dia. x 93cm
DV1A160-CB	700	125	150	66	1	15		0.6 gal. / 2.3 L	
DV2A310	2 x 355	160	111	68	2	18	6 gal. / 29 L	0.3 gal. / 1.2 L	15" dia. x 49" / 38cm dia. x 122.5cm
DV2A311	700	145	136	62	1	16		0.6 gal. / 2.3 L	
DV2A313	2 x 355	160	111	70	2	18			
DV2A31-27	2 x 420	181	122	70	2	2 x 13			
DV2A32-27 IN SERIES	4 x 420	270	122	72	4	4 x 13			
DV2A32-27 IN PARALLEL	4 x 420	181	210	72	4	4 x 13			
DV2A33-27	4 x 420	181	210	72	4	4 x 13			

INTERNATIONAL (220V - 240V)

MODELS	AIRWATTS	mmH ₂ O	m ³ /h	dB	MOTOR	AMPS	CAPACITY	FLOW RATE / MIN.	DIMENSIONS (in/cm)
DF1A150	525	3605	215	66	1	7	4 gal. / 18 L	0.3 gal. / 1.2 L	12" dia. x 37" / 30cm dia. x 93cm
DF1A160-CB	525	3605	215	66	1	7		0.6 gal. / 2.3 L	
DF2A310	2 x 355	4191	198	68	2	10.8	6 gal. / 29 L	0.3 gal. / 1.2 L	15" dia. x 49" / 38cm dia. x 122.5cm
DF2A311	700	3500	246	62	1	10		0.6 gal. / 2.3 L	
DF2A313	2 x 355	4191	198	70	2	10.8			
DF2A31	2 x 355	4191	198	70	2	10.8			
DF2A32 IN SERIES	4 x 355	6096	198	72	4	2 x 10.8			
DF2A32 IN PARALLEL	4 x 355	4191	396	72	4	2 x 10.8			
DF2A33*	4 x 355	4191	396	72	4	2 x 10.8			

Refer to pages 14 to 23 for a detailed illustration of your model.

Booster heads are also available on certain models to add extra power to your unit.



TECHNICAL SPECIFICATIONS

NORTH AMERICA (108V - 120V)

MODELS	AIRWATTS	H ₂ O	CFM	DECIBELS	MOTOR	AMPS	DIMENSIONS (in/cm)
TETE27	2 x 420	181	122	70	2	2 x 13	15 dia. x 12 / 38 dia. x 30
TETE200	2 x 465	137	200	72	2	2 x 15	

INTERNATIONAL (220V - 240V)

MODELS	AIRWATTS	mmH ₂ O	m ³ /h	DECIBELS	MOTOR	AMPS	DIMENSIONS (in/cm)
TETE02	395	3175	247	70	1	7.5	15 dia. x 12 / 38 dia. x 30
TETE05	2 x 355	4191	198	70	2	11	
TETE200E	2 x 465	3683	415	72	2	20	

If your Automatik system is equipped with an auxiliary 24V outlet, you can add one or several booster heads at any time.

Consult the booster head user's guide or contact your retailer or distributor for more information.

DECANTER CONFIGURATION

DECANTER BENEFITS

- Facilitates maintenance.
- To remove oversized materials or an accumulation of hair, paper, etc.
- **Strongly suggested** when the unit is used by many people (commercial applications).

The decanter configuration is always recommended when enough space is available.



Decanter configuration



Compact configuration

Take note that a **compact configuration system can be replaced by a decanter system** at all times and on all models. Contact your retailer or your distributor for more information.

Please note that the illustrated models in this manual will be the compact model by default to simplify the illustrations.

SPLIT HEAD OPTION

SPLIT HEAD BENEFITS

- Allows to position the motor in a **different room** for less noise.
- In case of insufficient space in height, the head may be **positioned at the funnel height**.



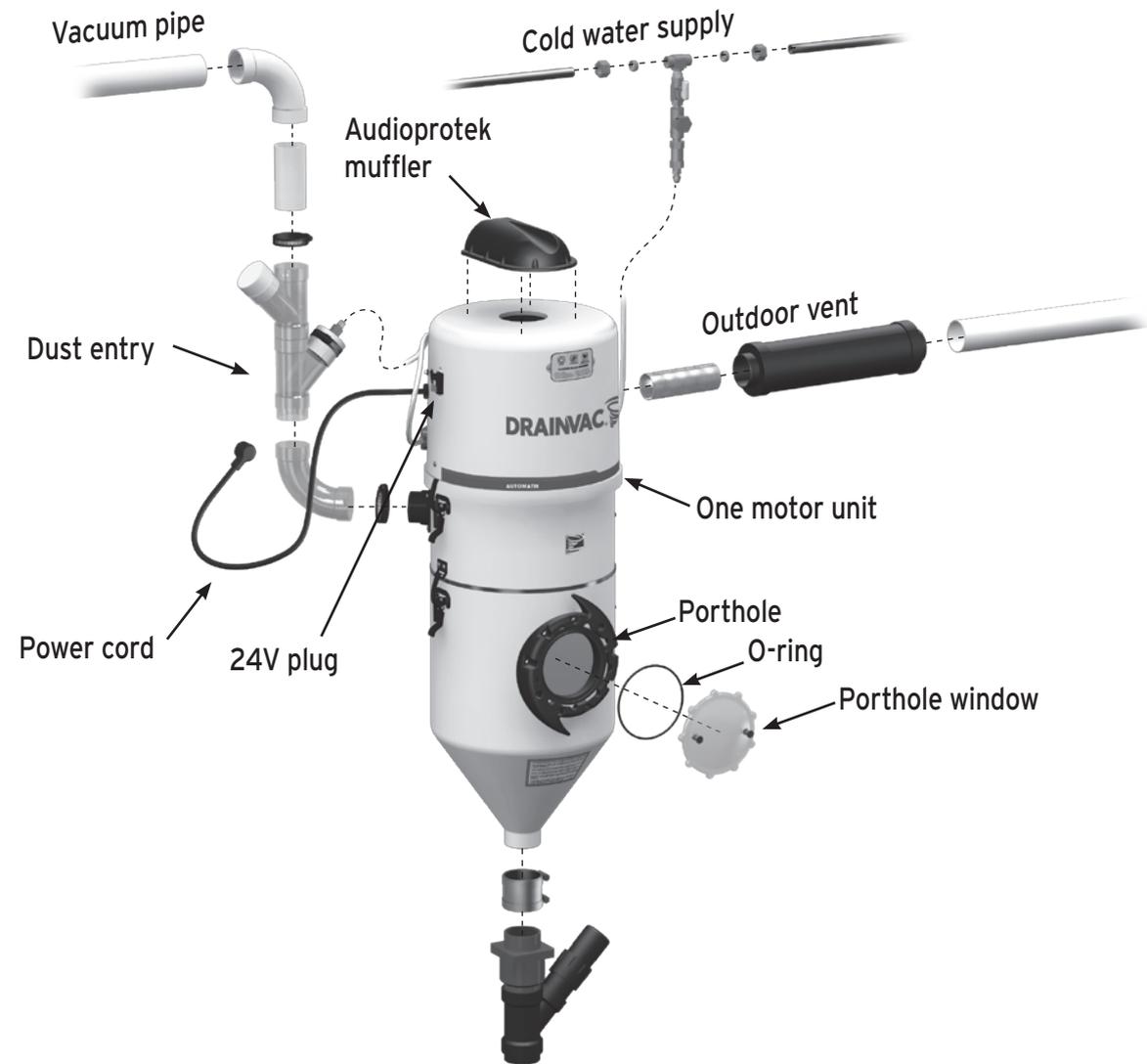
Standard head



Split head

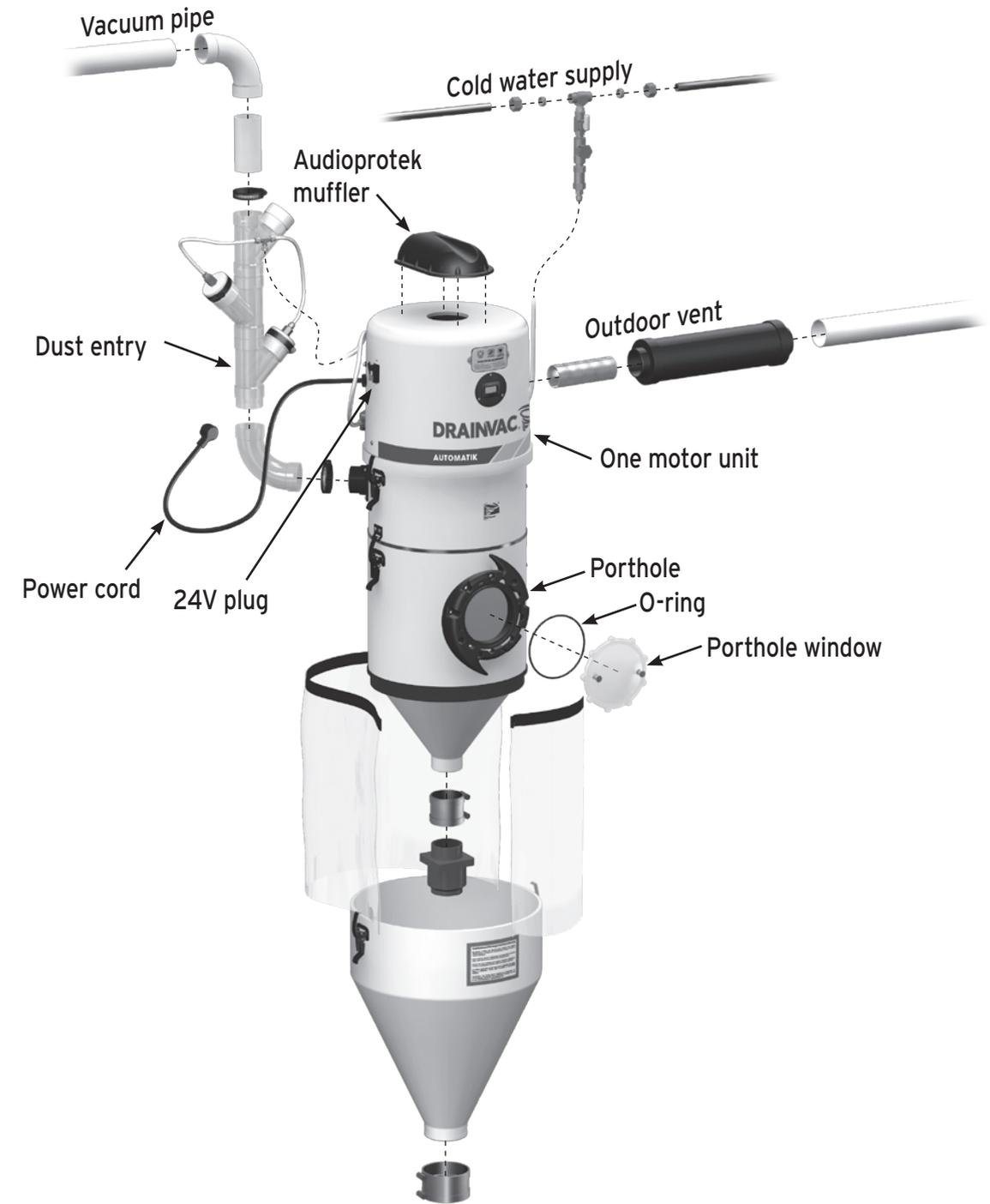
Please note that the illustrated models in this manual will be the standard head model by default to simplify the illustrations.

UNIT DESCRIPTION



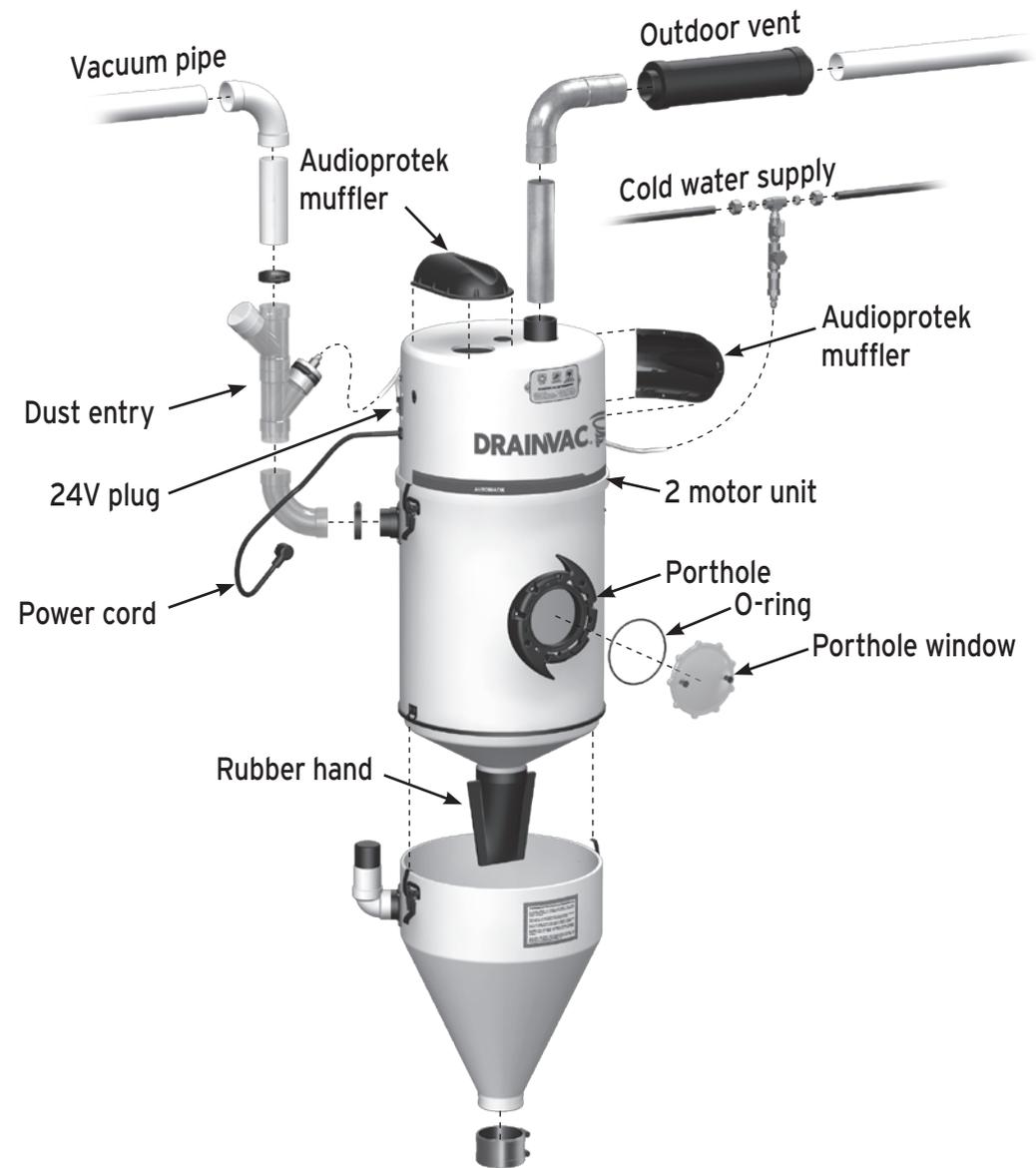
DV1A150 / DF1A150

UNIT DESCRIPTION



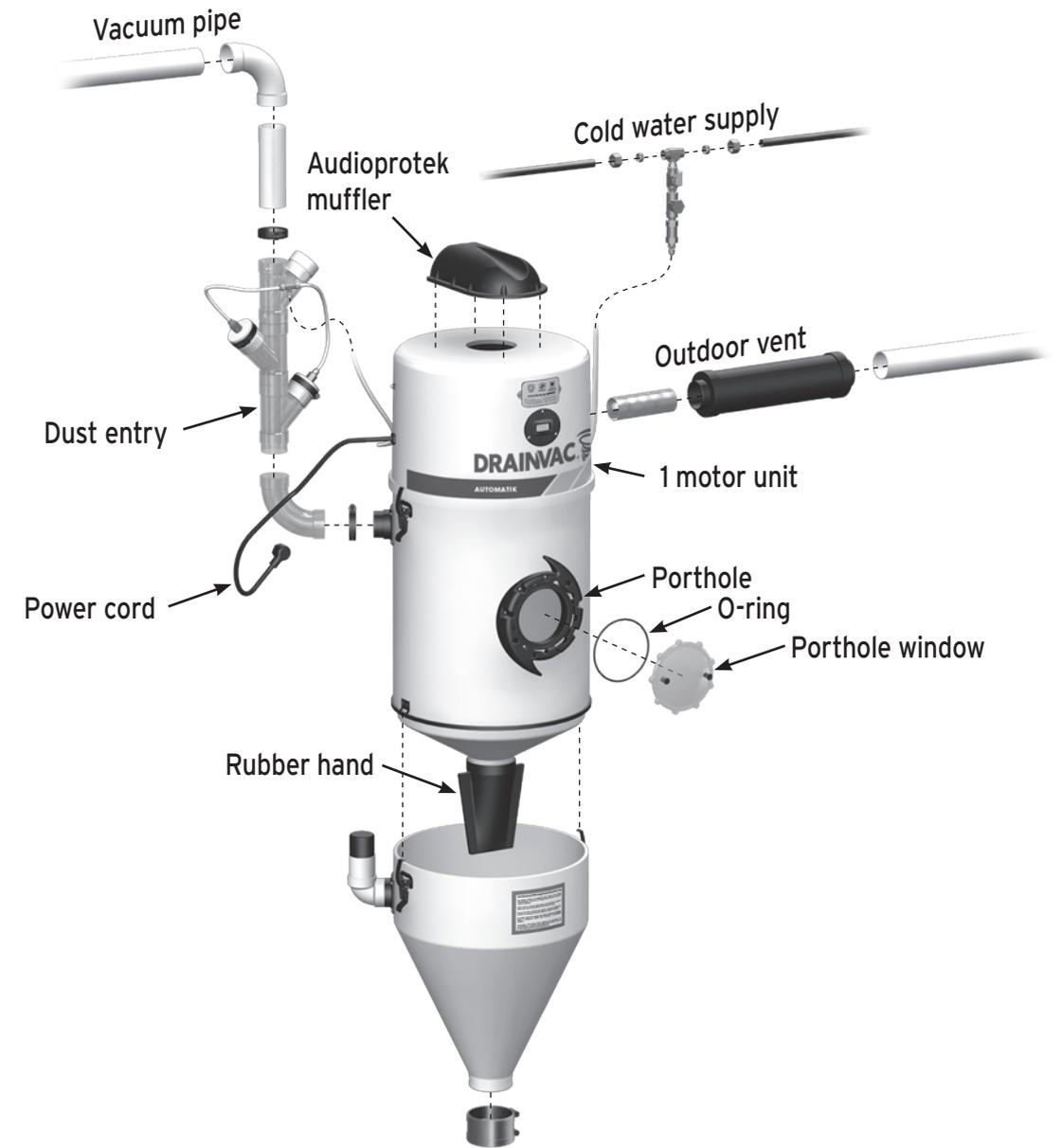
DV1A160-CB / DF1A160-CB

UNIT DESCRIPTION



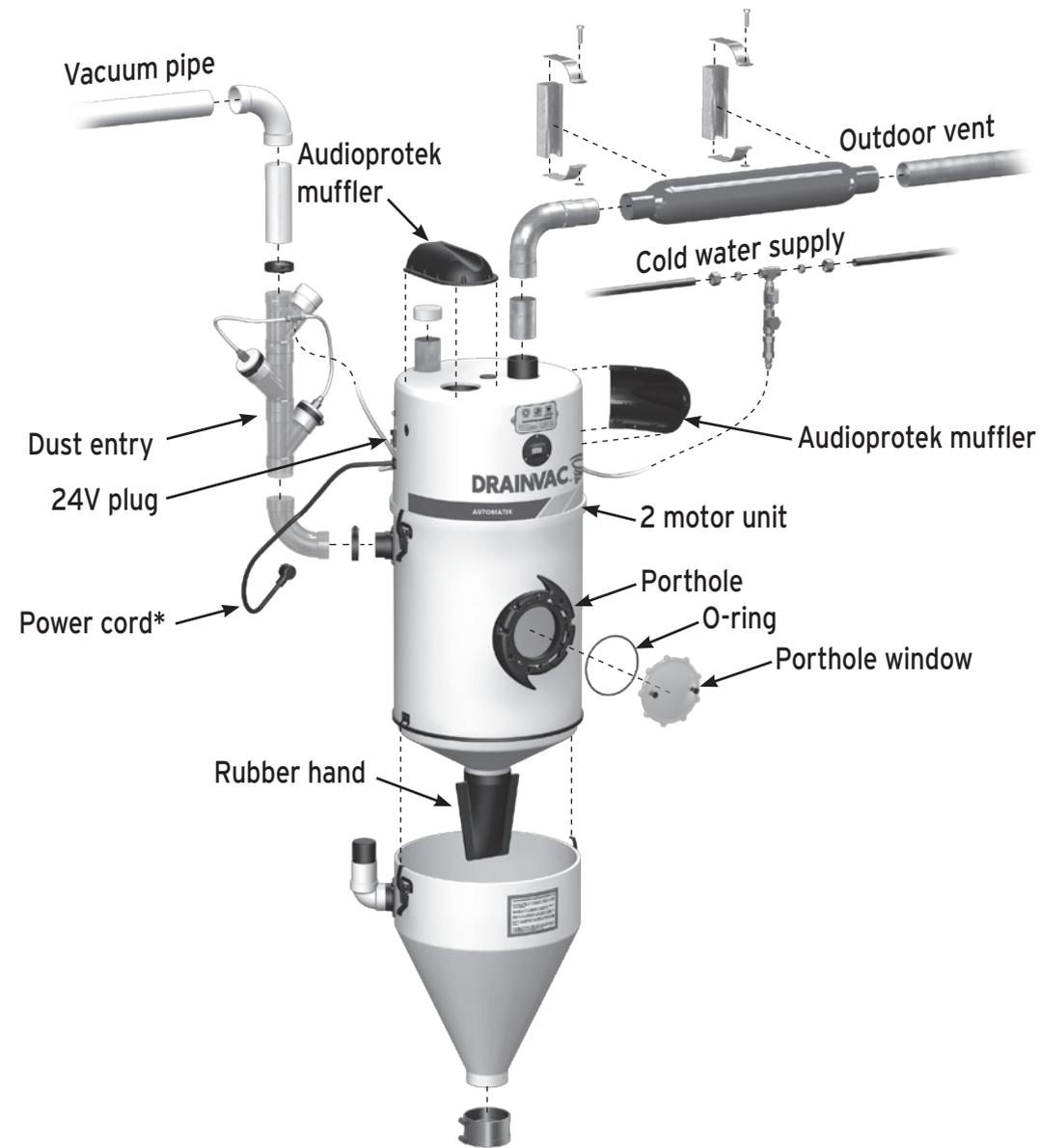
DV2A310 / DF2A310

UNIT DESCRIPTION



DV2A311 / DF2A311

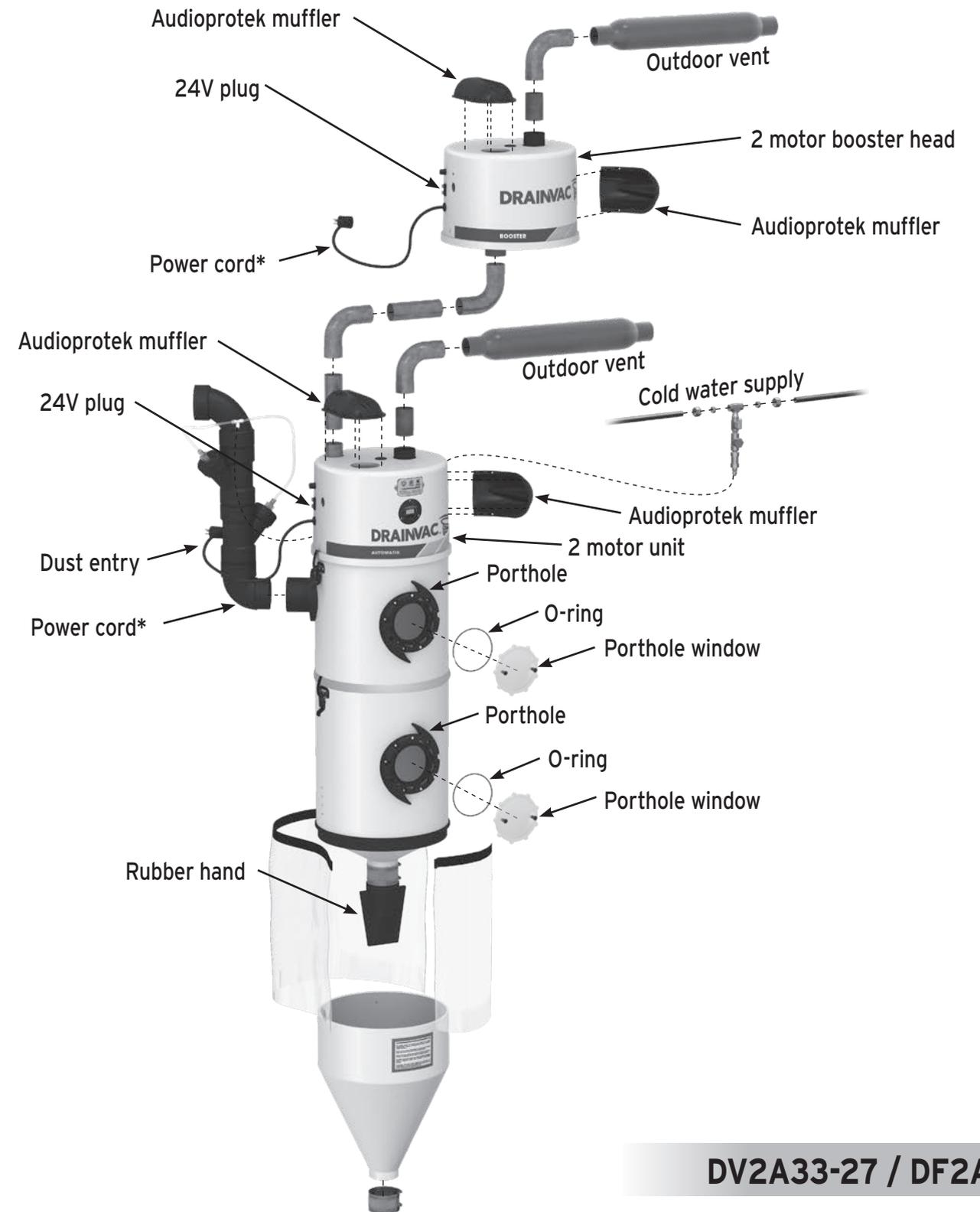
UNIT DESCRIPTION



DV2A31-27 / DF2A31 / DV2A313 / DF2A313

*DV2A31-27 carries 2 power cord.

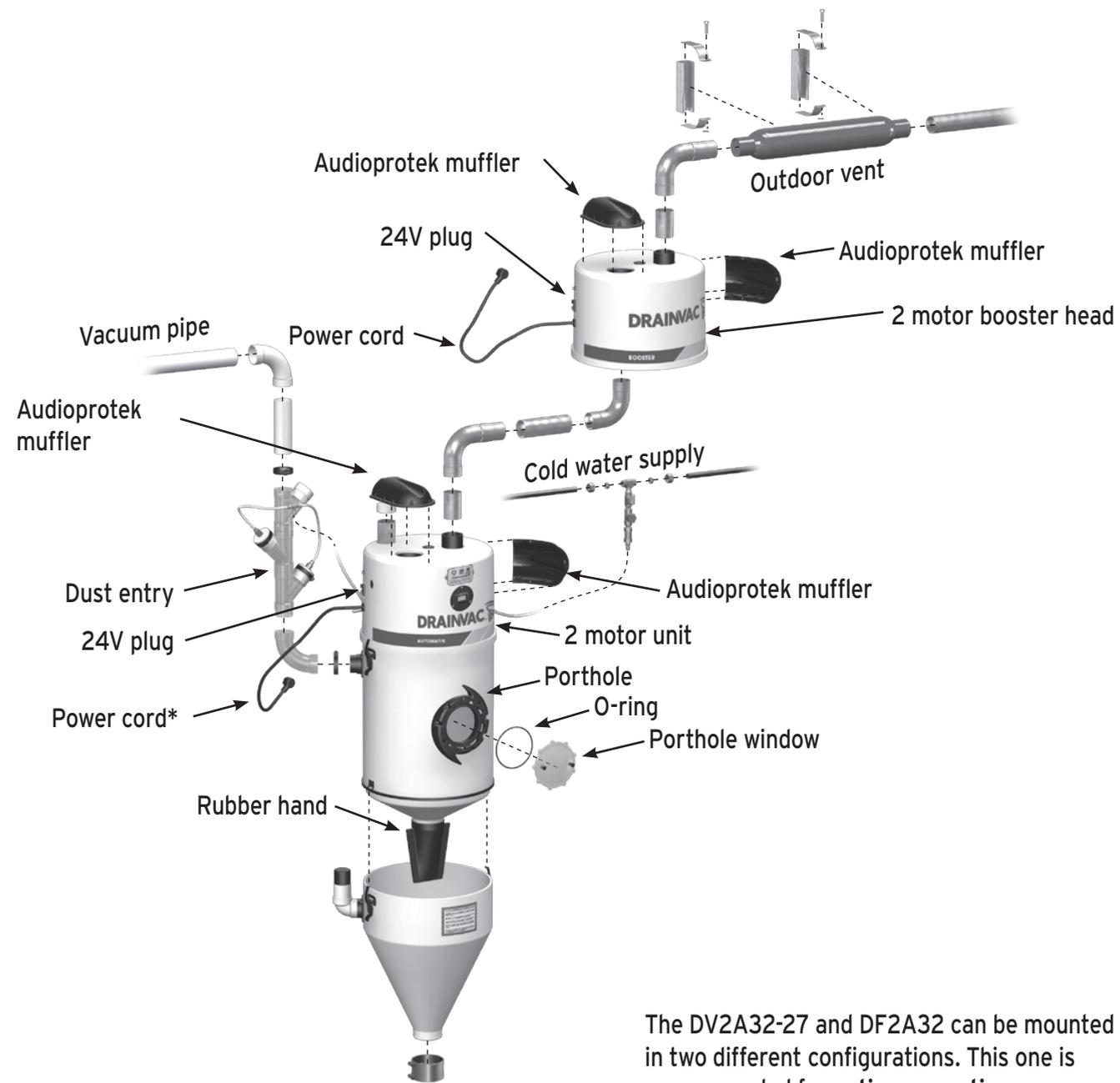
UNIT DESCRIPTION



DV2A33-27 / DF2A33*

*DV2A33-27 carries 2 power cord.

UNIT DESCRIPTION

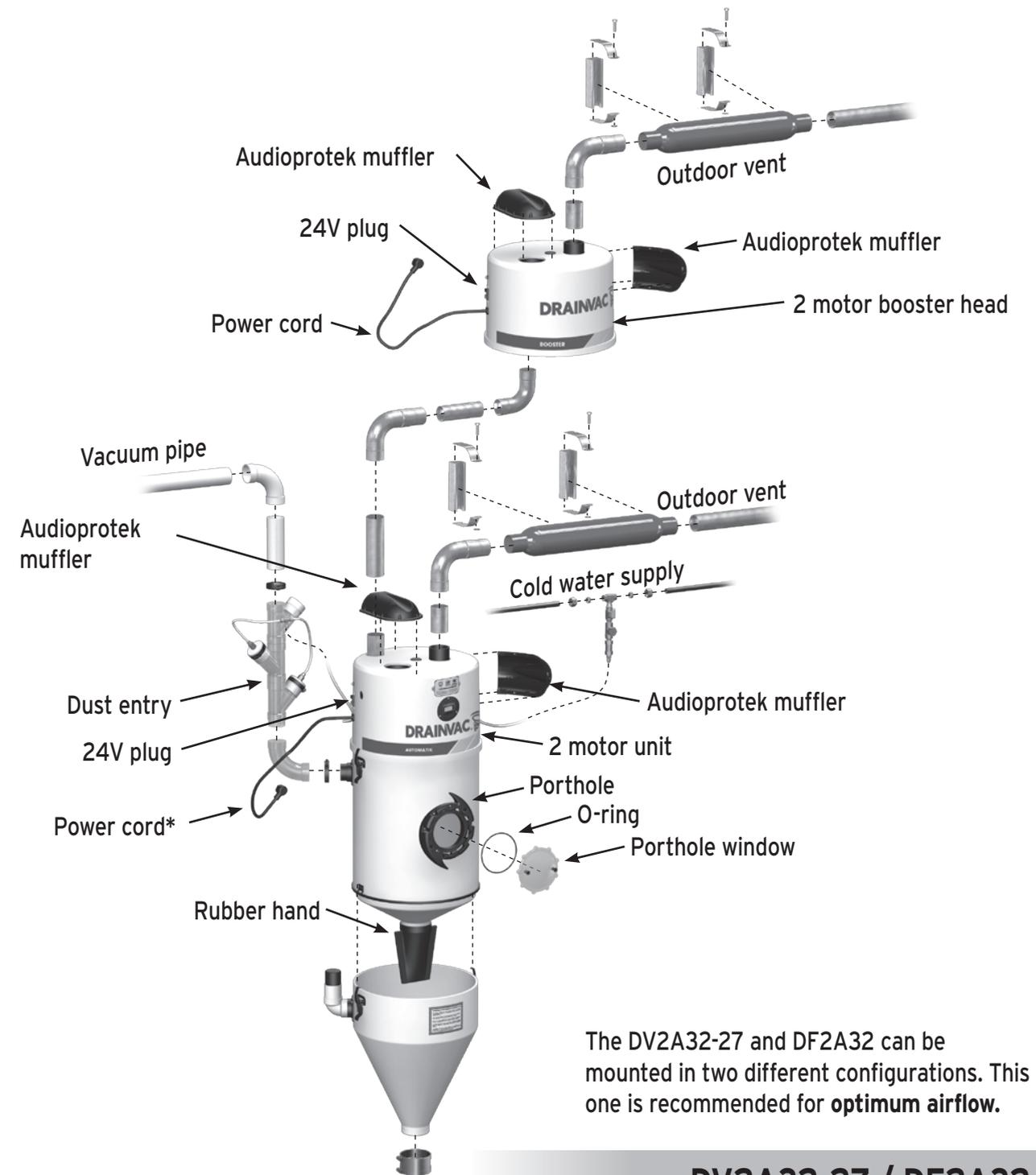


The DV2A32-27 and DF2A32 can be mounted in two different configurations. This one is recommended for **optimum suction power**.

DV2A32-27 / DF2A32 SERIES CONFIGURATION FOR OPTIMUM SUCTION POWER

*DV2A32-27 carries 4 power cord.

UNIT DESCRIPTION



The DV2A32-27 and DF2A32 can be mounted in two different configurations. This one is recommended for **optimum airflow**.

DV2A32-27 / DF2A32 PARALLEL CONFIGURATION FOR OPTIMUM AIRFLOW

*DV2A32-27 carries 4 power cord.

HOW THE MEMBRANE WORKS

As illustrated on pages 6 and 7 of this manual, the Automatik system evacuates wastewater automatically after approximately 10 to 15 minutes. Keep in mind that as long as the system is operating, water keeps flowing and the unit eventually fills up. The membrane allows you to adjust the time lapse during which the unit deactivates and empty its contents. The unit also clears out the wastewater once the unit stops.

WHY CHANGE THIS PARAMETER?

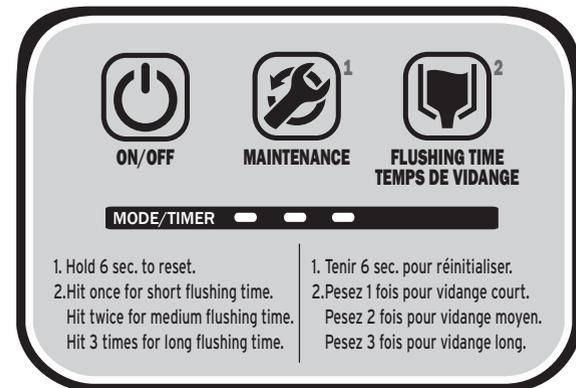
- With the decanter configuration, the unit can reactivate as soon as there is no wastewater left to flow through the rubber hand (in other words when all the wastewater is in the separate funnel).
- If the unit's drain is located very close to the pipe leading to the sewer and that there is less restriction to the amount of wastewater that can be evacuated, the evacuation time could be set on medium.
- On the other hand, if the diameter of the pipe leading to the sewer is smaller and restrains the amount of water that can be evacuated, increasing the evacuation time to a long flushing time could be necessary.

ON/OFF

The first LED will stay lit if the unit is on. Press once to turn it off. It will then start flashing, indicating that power is still running through the system, even though the unit is turned off.

MAINTENANCE

The middle LED will light up after 500 hours of usage. This means maintenance is required and the unit should be taken to a Drainvac retailer to be examined. Maintenance should only be reset by a qualified Drainvac technician.

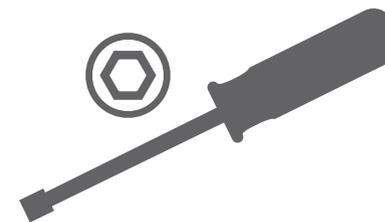


FLUSHING TIME

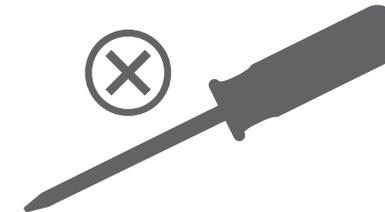
- Press once to initiate short flushing time - LED will flash once.
- Press twice to initiate medium flushing time - LED will flash twice.
- Press three times to initiate long flushing time - LED will flash three times.

INSTALLING THE UNIT - FIRST THINGS FIRST -

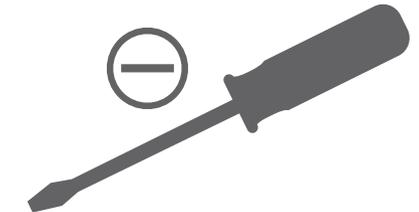
REQUIRED TOOLS



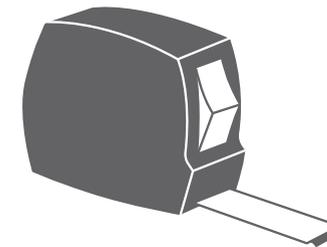
Socket Head Screwdriver
(for the clamps)
(supplied with the unit)



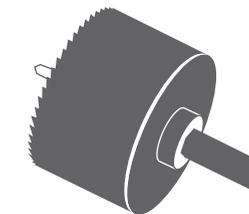
Phillips Screwdriver



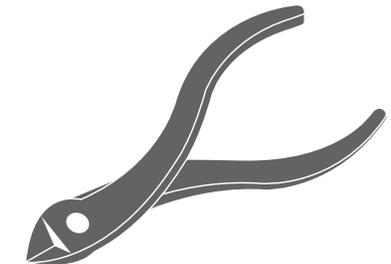
Regular Screwdriver



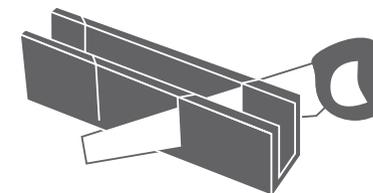
Measuring Tape



Hole Saw
2.25" (57 mm)



Cutting Pliers

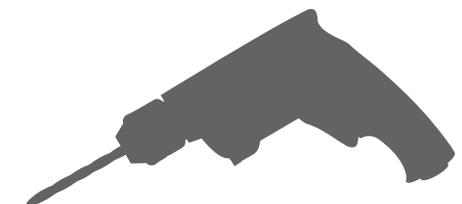


Mitre-Box and Saw

or



PVC Pipe Cutter
2" (50 mm)



Drill
0.5" (12.5 mm) bit

INSTALLING THE UNIT

- FIRST THINGS FIRST -

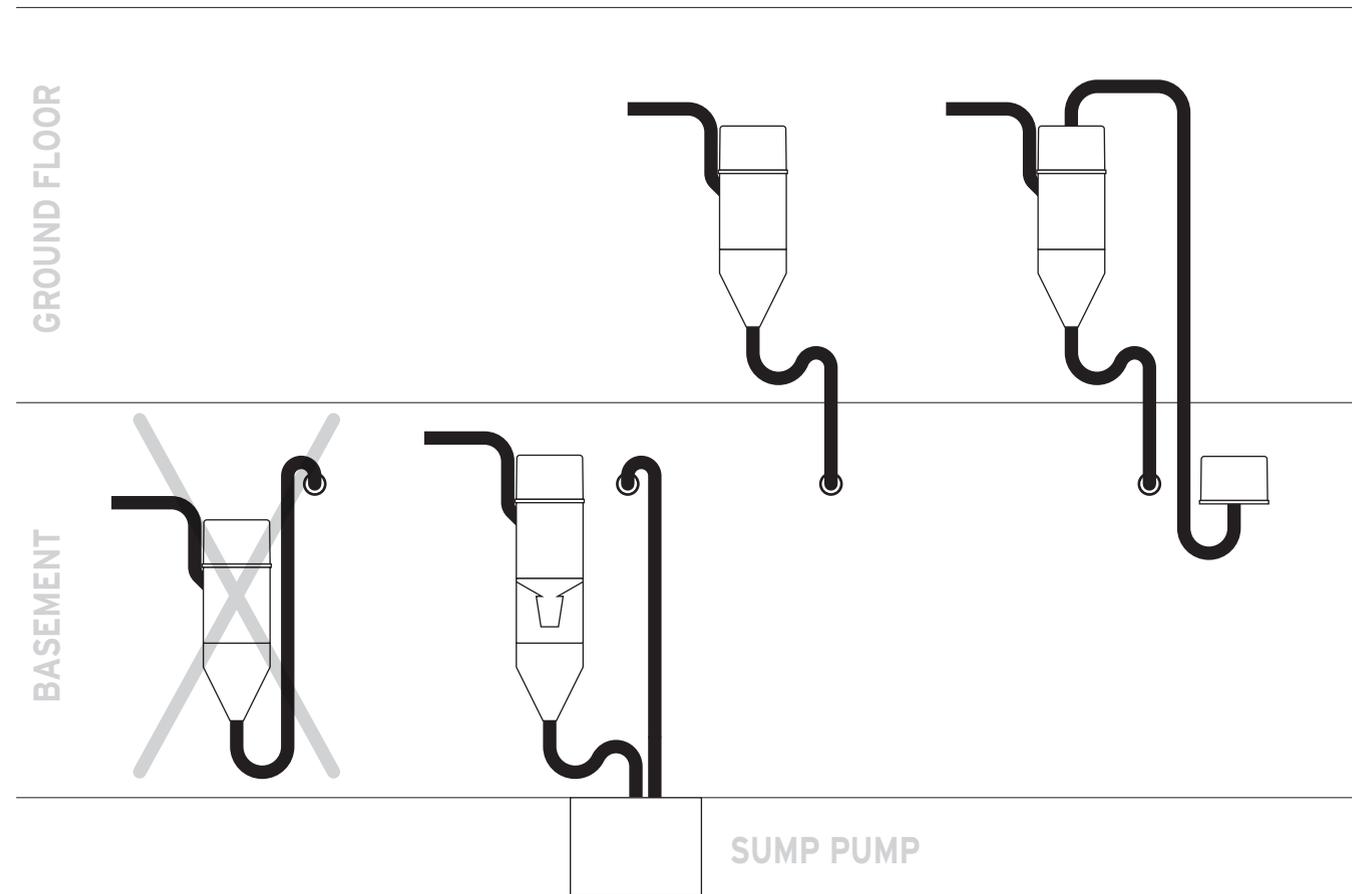
WHERE WILL YOU INSTALL THE UNIT?

We recommend installing the system on the **lowest level of the building** to avoid having to work against gravity. The basement is generally the most ideal location, **near the building's main drainpipe**. A cold water pipe must also be available and connected to the unit. Vents are necessary if the unit is further than 6' (2m) away from the main drain. If there is no basement, the garage or a storage room will do.

SEPTIC TANK

If your home includes a septic tank, important details are to be considered:

- The unit must be higher than the drain, but the motor can be relocated to reduce the noise
- If the unit is connected directly to the septic tank, the decanter option is mandatory.

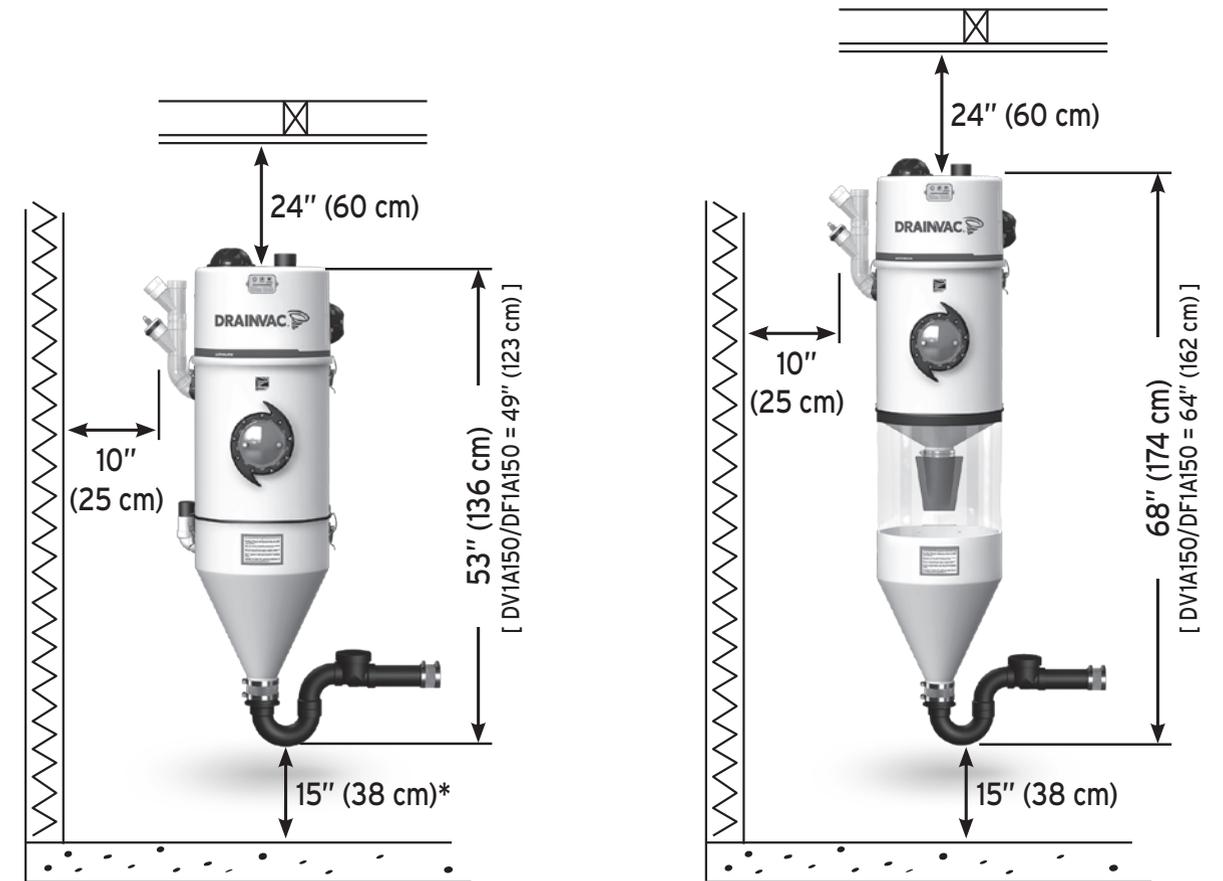


INSTALLING THE UNIT

- STEP SEQUENCE -

MINIMUM DIMENSIONS AND SPACING

It is important to install the unit in a location where it will be easily accessible for maintenance and to effectively evacuate the waste. The following is the **minimum spacing** recommended:



* For **compact** models, the bottom of the P-Trap can be installed at 15" (38cm) from the floor. However, we recommend **26" (66 cm)**, if possible, so that a pail can be placed under the unit, if need be, when removing the P-Trap.

INSTALLING THE UNIT

- STEP SEQUENCE -

1) MOUNTING THE UNIT ON THE WALL

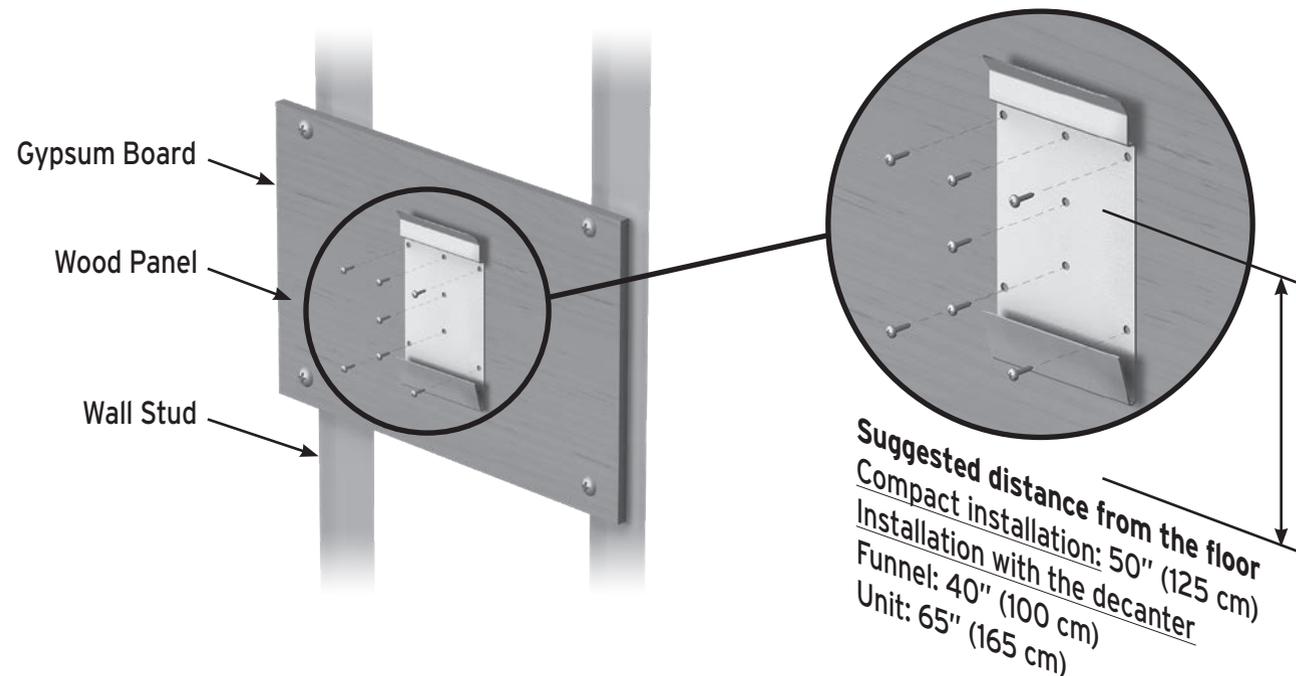
If your Automatik system has a separated funnel, we suggest mounting it before the main body. The illustrations will be shown with a standard unit but the step sequence remains the same.

- Undo the fastener securing the wall bracket and base at the back of the unit with cutting pliers.



- Attach the bracket to the wall with the 7 screws supplied with the unit.

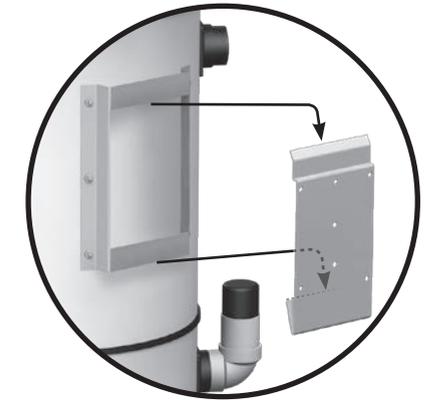
If the wall includes wall studs covered with gypsum board, we recommend installing a wooden panel screwed to the wall studs beforehand for more stability.



INSTALLING THE UNIT

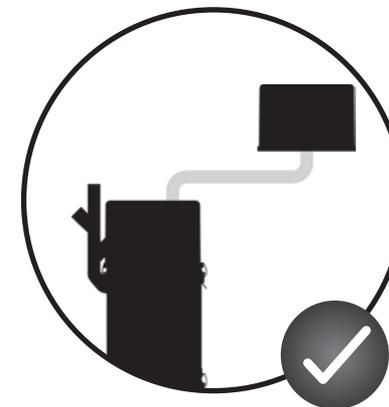
- STEP SEQUENCE -

- Lift the unit and slide its support onto the wall bracket.

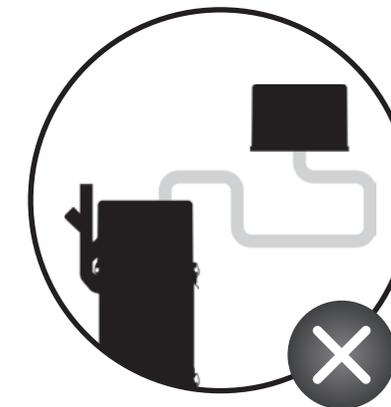


POSITIONING A BOOSTER HEAD

- If your unit is equipped with one or several booster heads, repeat the same steps to attach it, or them, to the wall.



Optimum efficiency



Not recommended



Not recommended

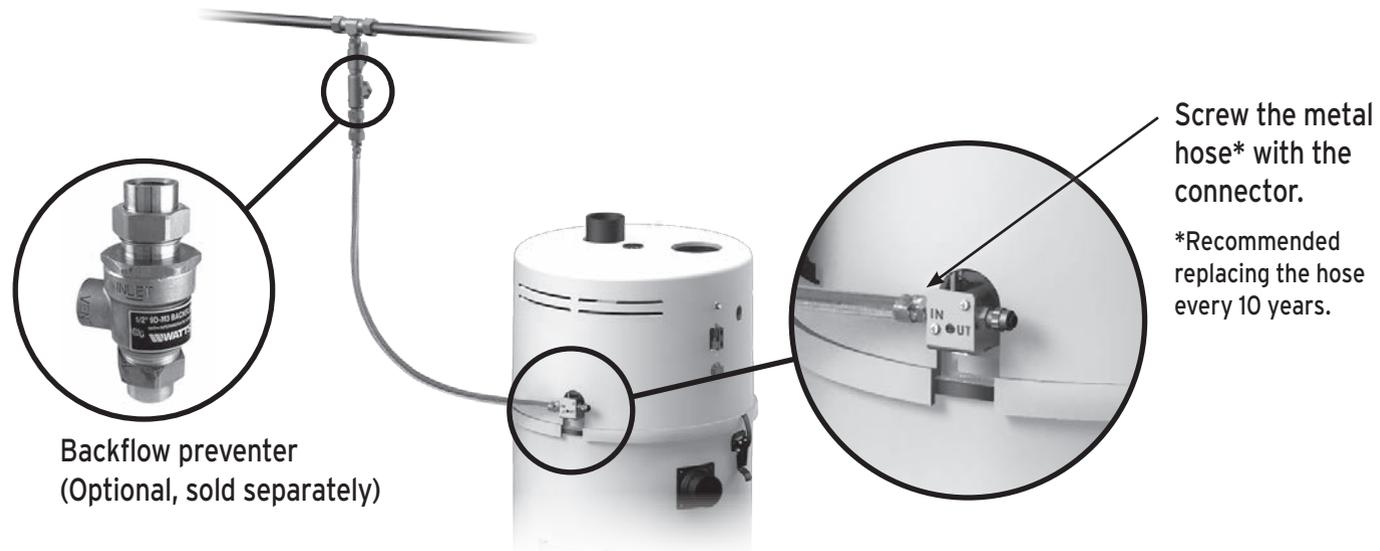
Each booster head can be installed according to the available space without compromising the height of the head in relation to the unit.

However, we recommend that you keep the number of joints (elbows) to a minimum to optimize air circulation and performance.

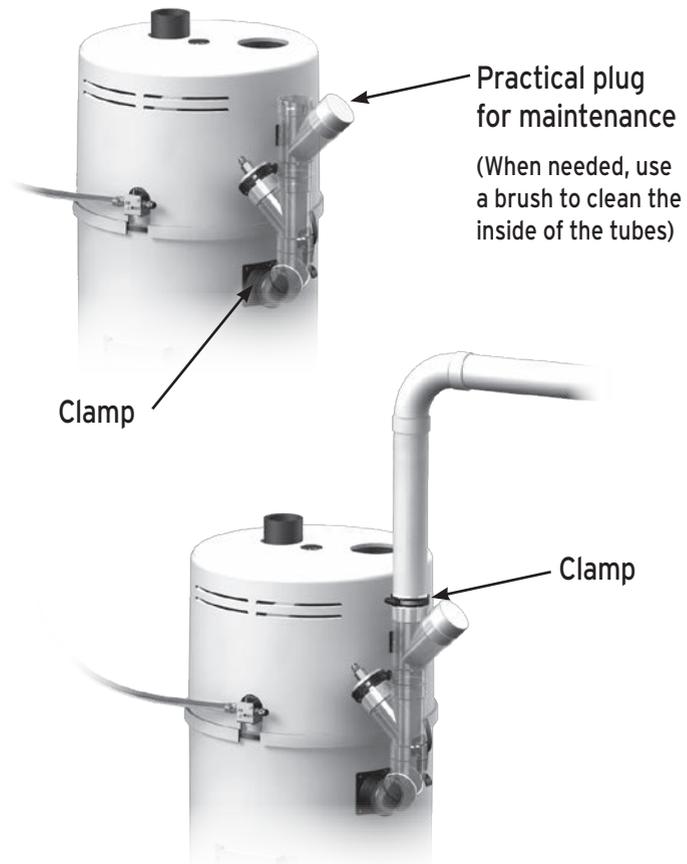
INSTALLING THE UNIT - STEP SEQUENCE -

2) CONNECT THE DUST AND WATER INLETS

- Connect the building's cold water supply to the unit's water inlet.



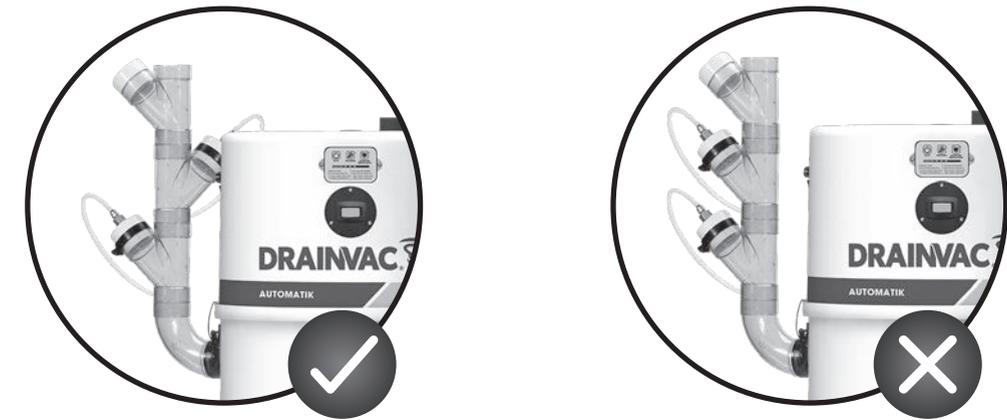
- A backflow preventer may be required in some municipalities. It is installed at the water input of the unit and prevents a backflow from the unit in the main pipeline of the residence.
- Connect the dust inlet (transparent tubes) to the unit securing it with a clamp.
* N.B. The tubes have been pre-assembled by pressure. **Do not use glue.**
- Connect the suction hose to the unit's dust inlet, securing it with a clamp.



INSTALLING THE UNIT - STEP SEQUENCE -

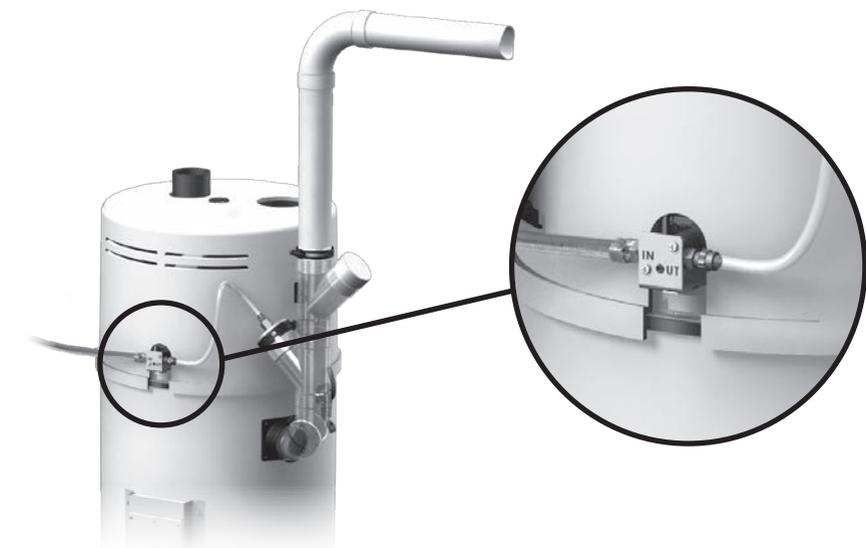
POSITIONING THE WATER INJECTORS ON THE DUST INLET

Some units are equipped with two water injectors. In this case, it is important that they be positioned facing each other so that the water covers a greater surface.



3) CONNECT THE WATER OUTLET

- Connect the unit's water outlet to the water hoses linked to the water injectors.



INSTALLING THE UNIT

- STEP SEQUENCE -

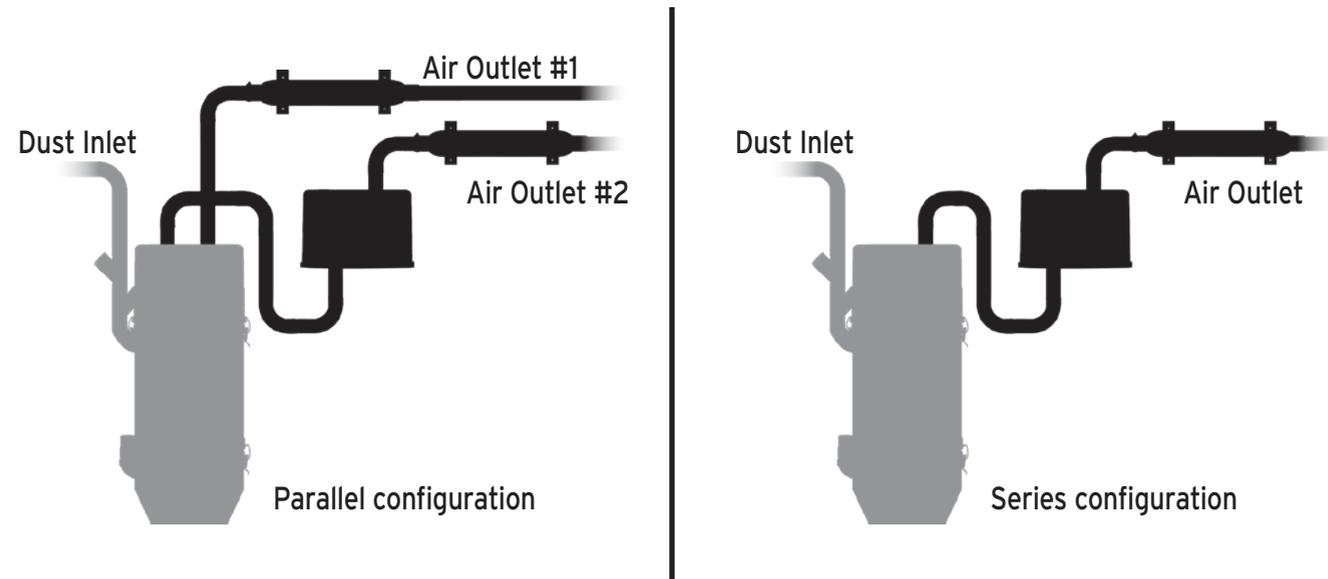
4) CONNECT THE AIR OUTLET

- Connect the air outlet to the unit, securing it with a clamp (do not glue). An air outlet leading outside the building is mandatory for all Automatik systems.

If your model includes 2 motors, the air outlet is on top of the unit. If it only includes 1 motor, the air outlet is on the side of the unit.

AIR OUTLET WITH A BOOSTER HEAD

In a parallel configuration, each head, including the main one, requires an independent air outlet. A series configuration only requires one. However, the TETE200/TETE200E head carries two air outlets.



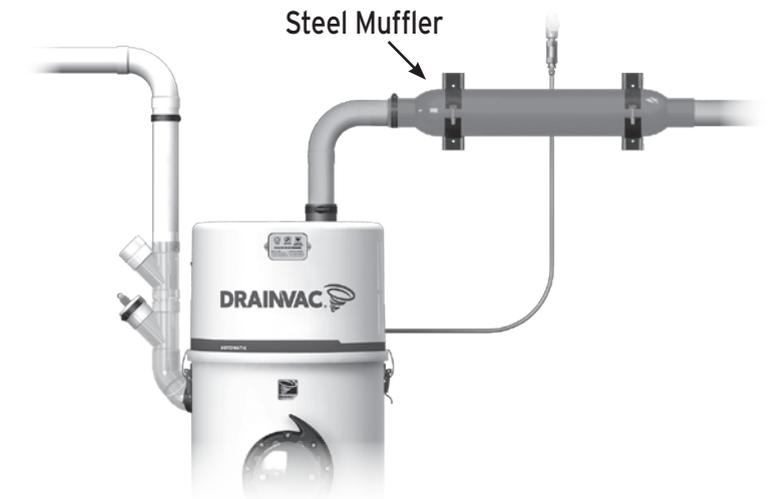
Consult the booster head user's guide for more information.

INSTALLING THE UNIT

- STEP SEQUENCE -

STEEL MUFFLER

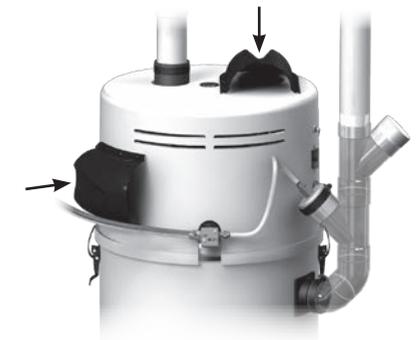
- Some units are equipped with a steel muffler to absorb the noise produced by more powerful systems.
- Contrary to plastic mufflers, this steel muffler must be installed on the wall. You will find the installation method on the sheet provided with the exhaust.



5) ADD THE AUDIOPROTEK MUFFLERS

- Instructions on how to assemble the Audioprotek mufflers are included on a sheet inside the packaging.

* N.B. All models equipped with only one motor include only one muffler centred on the top of the unit.

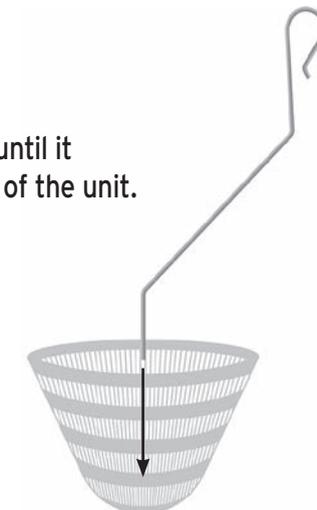


Back View of the Unit
(Model DV2A310 shown)

6) ASSEMBLE THE DECANter

* For the decanter option only.

- Screw the metal rod in the centre of the decanter until it seats the bottom. Place the decanter in the funnel of the unit.

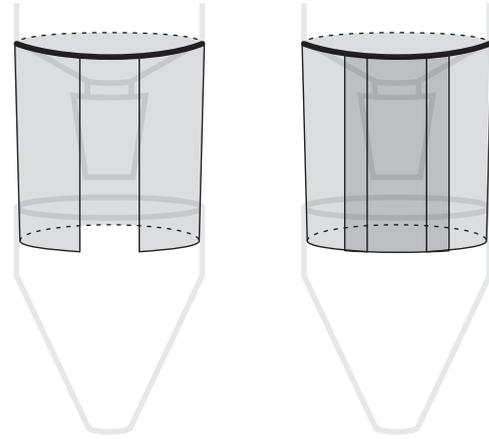


INSTALLING THE UNIT

- STEP SEQUENCE -

PLACE THE SKIRT

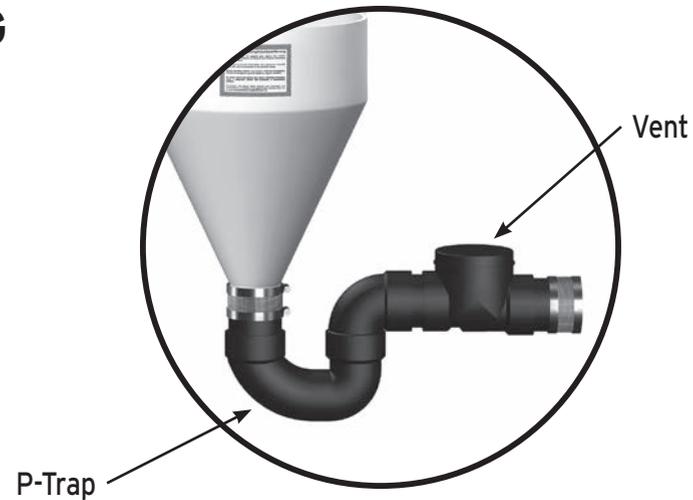
- The anti-splatter skirt carries 2 pieces; one which generally stays put onto the main body and a second that serves as a door. Place the bigger part first, followed by the smaller skirt so that it covers the opening created by the first skirt. Make both pieces fall into the funnel.



7) OPTIONAL: CONNECTING THE WASTEWATER PIPE

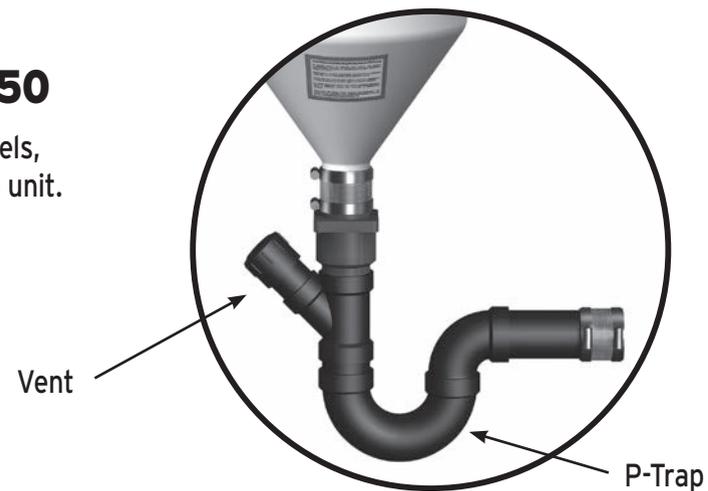
*Drain piping available as an option.

If you intend to connect the central vacuum to the main pipe drain, it is crucial to install a p-trap and a vent to the venting pipe.



FOR MODELS DV1A150 & DF1A150

Exceptionally for these models, the vent is supplied with the unit.



INSTALLING THE UNIT

- STEP SEQUENCE -

The following pages illustrate piping diagrams, typical installations and the parts that we recommend for the optimum performance of your central vacuum system.

GENERAL INFORMATION

- An air outlet leading to outside **must always be installed on your unit**. Make sure that the evacuated air does not lead under a carport.
- If your unit includes two motors, it is important to use metal piping and couplings for the air outlet.
- To determine where to locate the wall inlets, use the length of the vacuum hose as a basis, measuring the furthest point from the wall where the wall inlets are to be installed. Do the same for all the wall inlets until all areas of the house or building can be reached with the vacuum hose, by moving it from one wall inlet to another; **don't forget to install one in the garage or outside to vacuum your car**.
- If your walls are made of gypsum board, **never install a wall inlet in the centre of the wall**. Drill the holes for the wall inlets close to a wall stud or a door frame.
- Any screw length can be used if you install the piping as illustrated in **Figure A**.
- If you install the piping as illustrated in **Figure B**, make sure to position the small screw in the right place to avoid that a longer screw goes through the piping.
- Always use a short elbow when connecting the wall inlets (**Figures A and B**) to prevent long objects (for example, a pencil) that may have been vacuumed by mistake from blocking the piping further on.

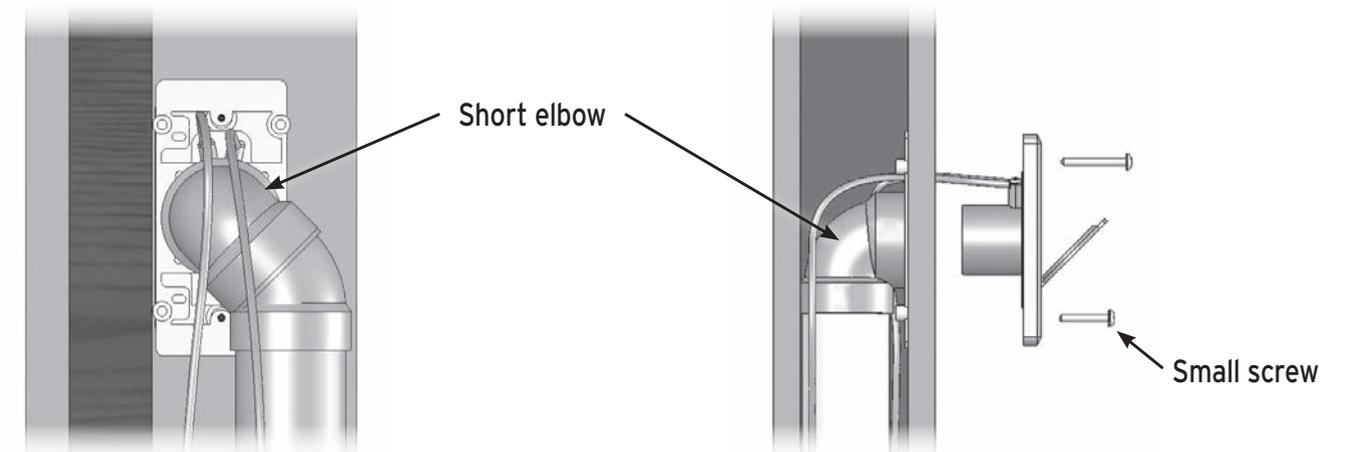
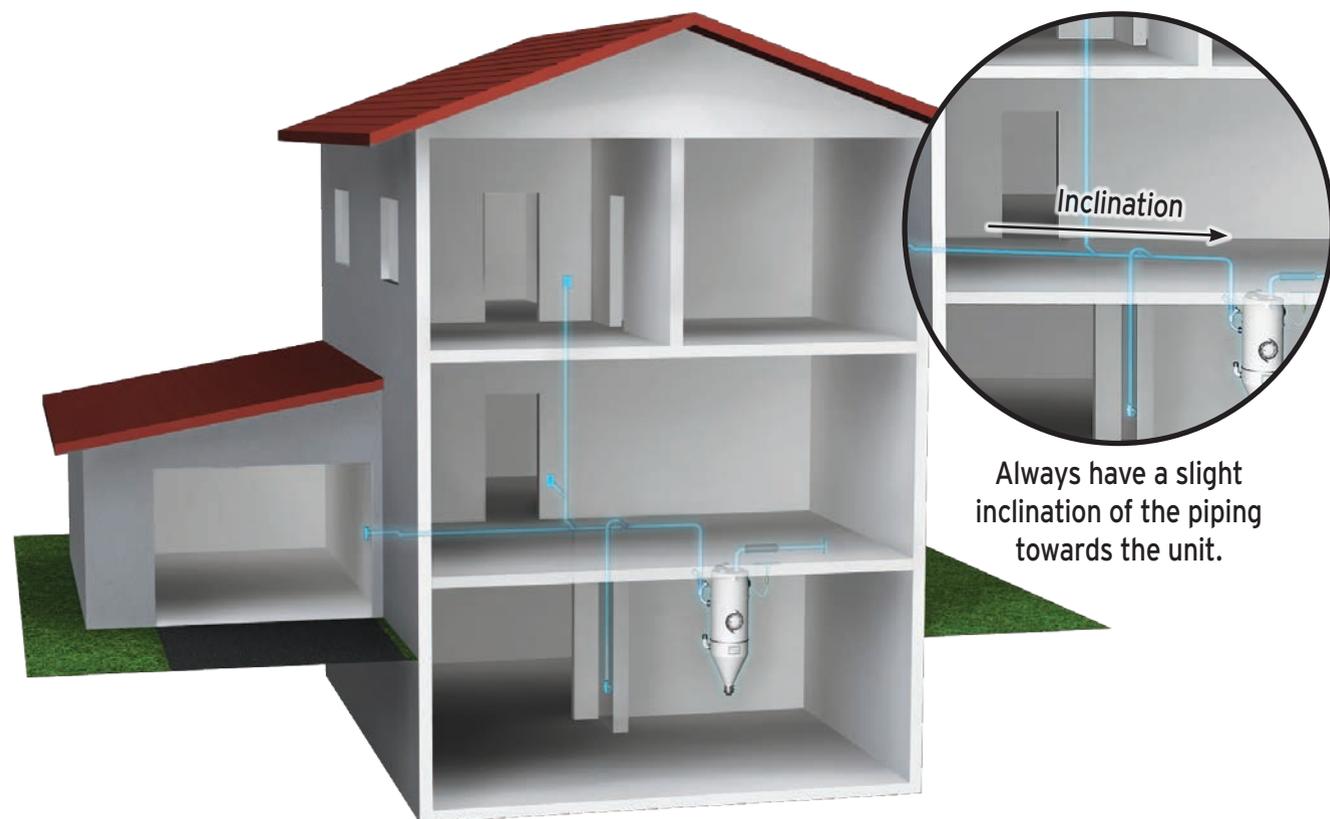


Figure A

Figure B

INSTALLING THE PIPING SYSTEM

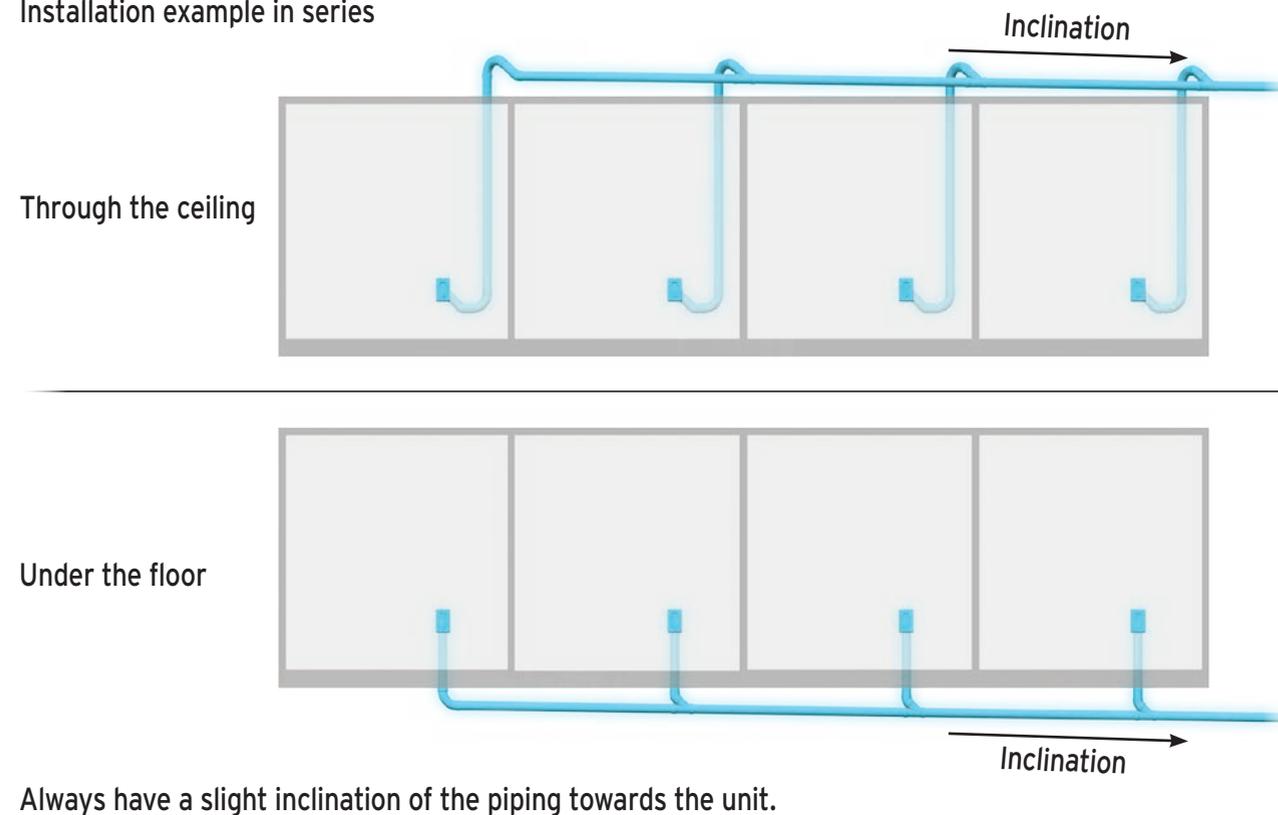
DIAGRAM OF A RESIDENTIAL INSTALLATION



INSTALLING THE PIPING SYSTEM

DIAGRAM OF A COMMERCIAL INSTALLATION

Installation example in series



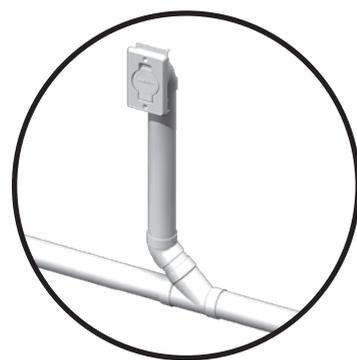
DIFFERENT INSTALLATION POSSIBILITIES



On the top floor
(at the end of a pipeline)



On an intermediary floor



On the first floor
(connected above a pipeline
under the floor)



In the basement
(connected under a pipeline
under the floor)



Back-to-back

FROM DRY TO WET

If you wish to replace your conventional (dry) vacuum to an Automatik system, please follow the instructions below.

- The Automatik system must be installed near the sanitary sewer. If your previous unit was placed at one end of the building, but the sewer is at the other end, the unit must be reinstalled at a closer range of the main drain and the pipeline must change its direction as well (**Figure E**). This prevents unwanted dust to cling onto the pipe which eventually clogs the duct.
- The pipes leading upwards must be slightly higher than the main pipeline to prevent liquids from flowing back down (**Figure C**).
- If short elbows were used to mount the pipeline, these must be taken off. The minimum cornering pipe must be at least a medium elbow, but a 45° pipe is recommended for all corners for an optimal efficiency.
- The inclination of the main pipeline must tilt a little more than an ordinary vacuum to facilitate the flow of the liquids (refer to previous page).
- Do not forget to replace the inlet with a p-trap to prevent water backflow.

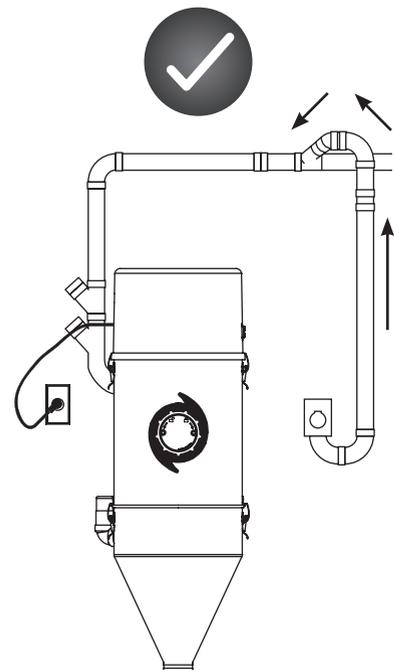


Figure C

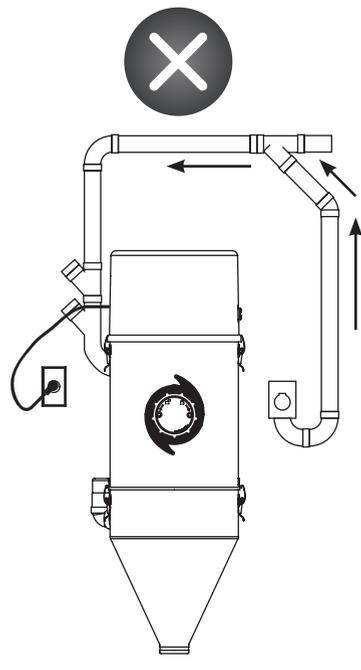


Figure D

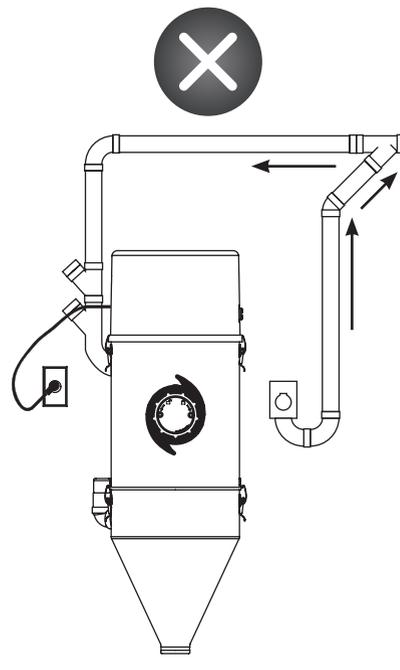


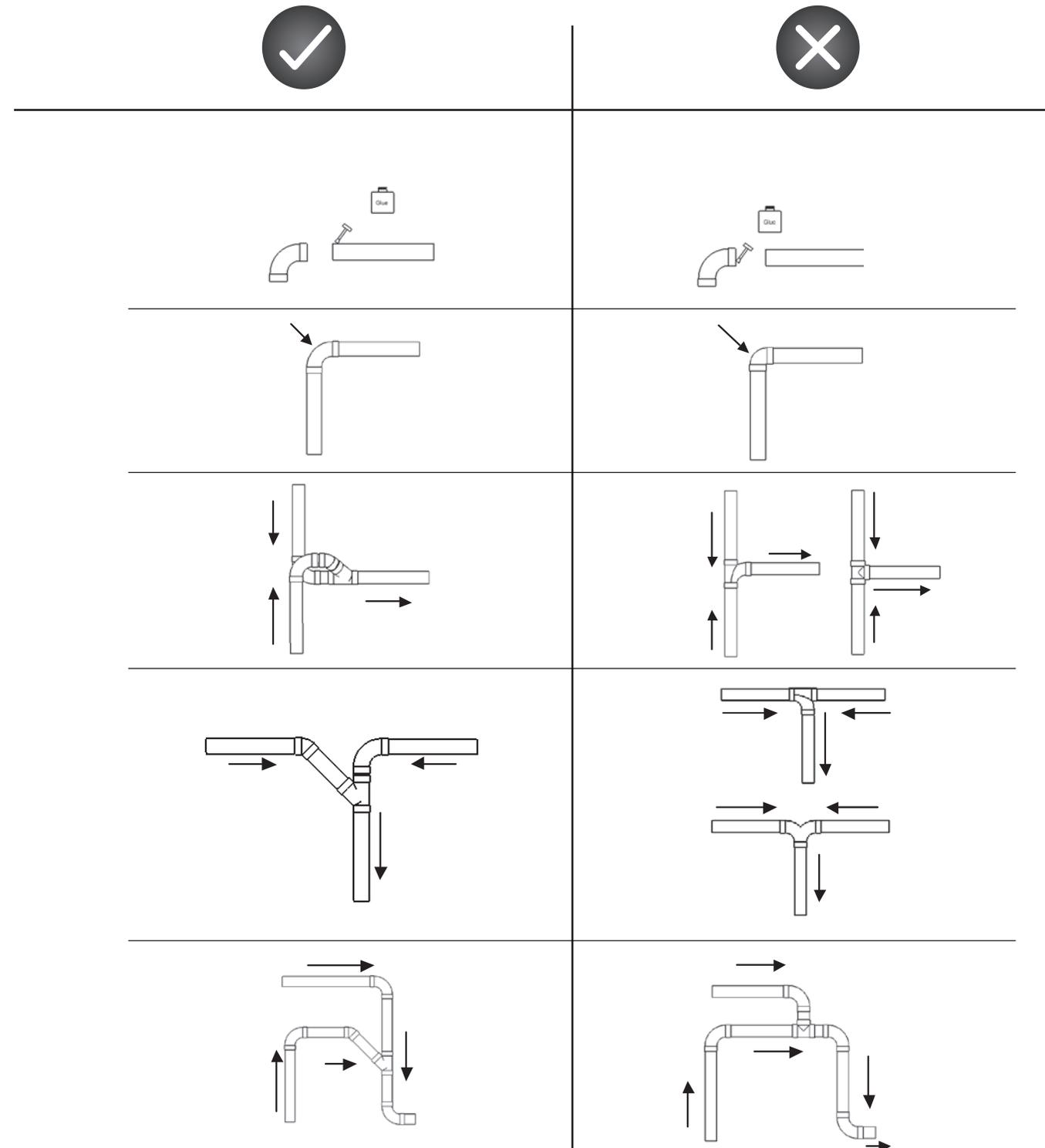
Figure E

EXAMPLES OF PROPER AND IMPROPER INSTALLATIONS

✔	✘
<p>Thin wall Thick wall</p> <p>For wall plates only</p>	
Joint with inside stoppers	Smooth joint without inside stoppers

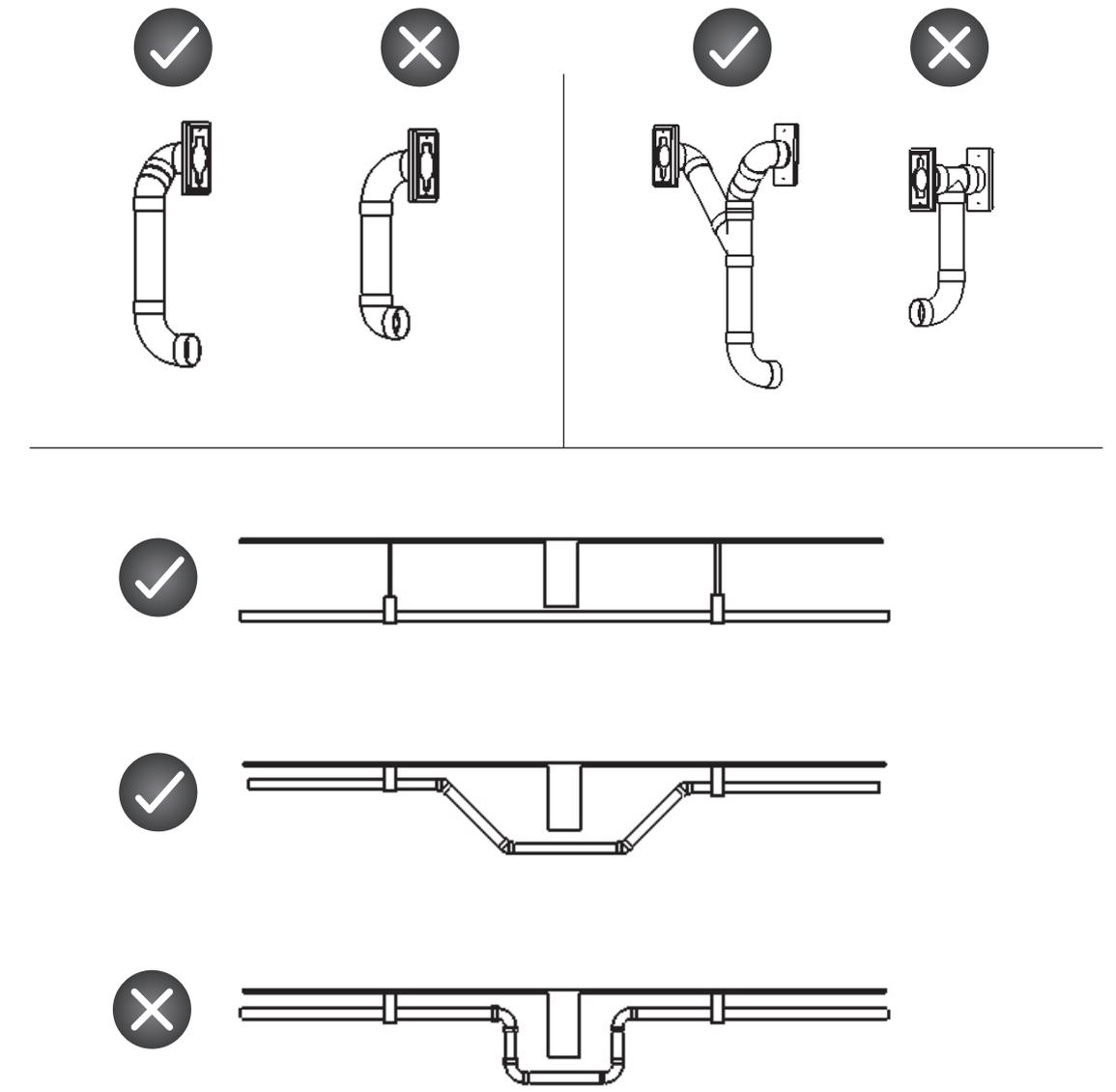
INSTALLING THE PIPING SYSTEM

EXAMPLES OF PROPER AND IMPROPER INSTALLATIONS



INSTALLING THE PIPING SYSTEM

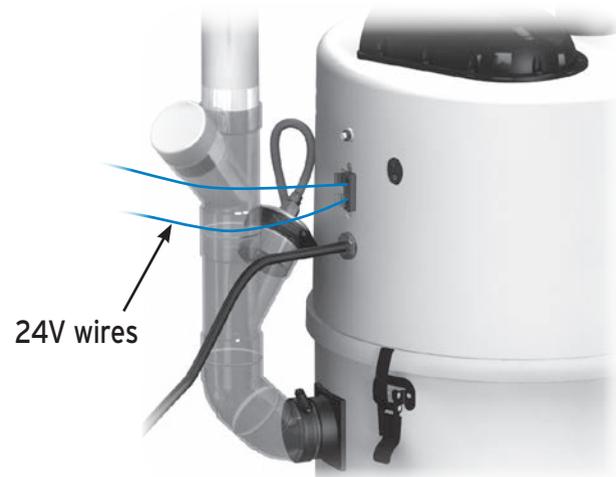
EXAMPLES OF PROPER AND IMPROPER INSTALLATIONS



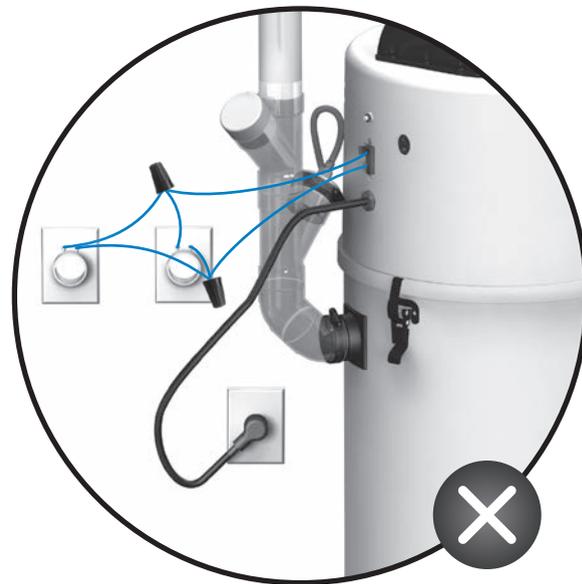
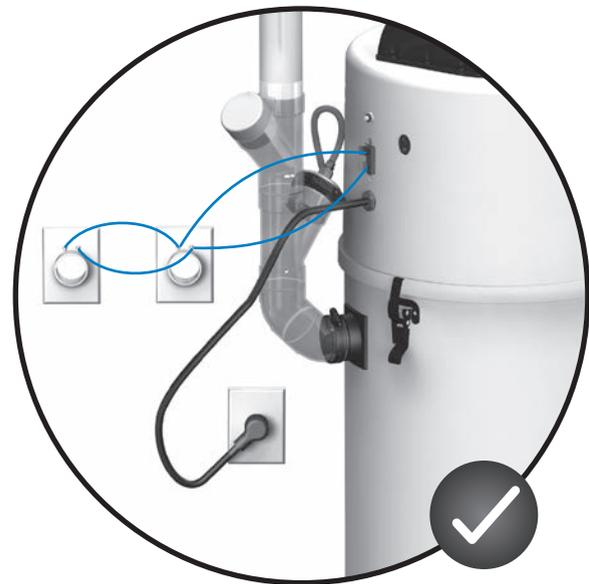
All of the central vacuum system models in this manual are equipped with an electrical cord. An adequately powered electrical outlet must be installed near the unit. **A dedicated electrical circuit must be used for the unit and one for each booster head.** Refer to the next page for a detailed diagram of the appropriate connections for your model.

CONNECTION PROCEDURE

- Install the 24V wires from the network (each wall inlet) to the unit.
- If your unit includes one or several booster heads, 24V wires must be connected to each head as illustrated on the following page (refer to the diagram of your specific model).
- Connect the unit to the electrical outlet with the power-supply cord.
- The vacuum cleaner is now ready to be used.

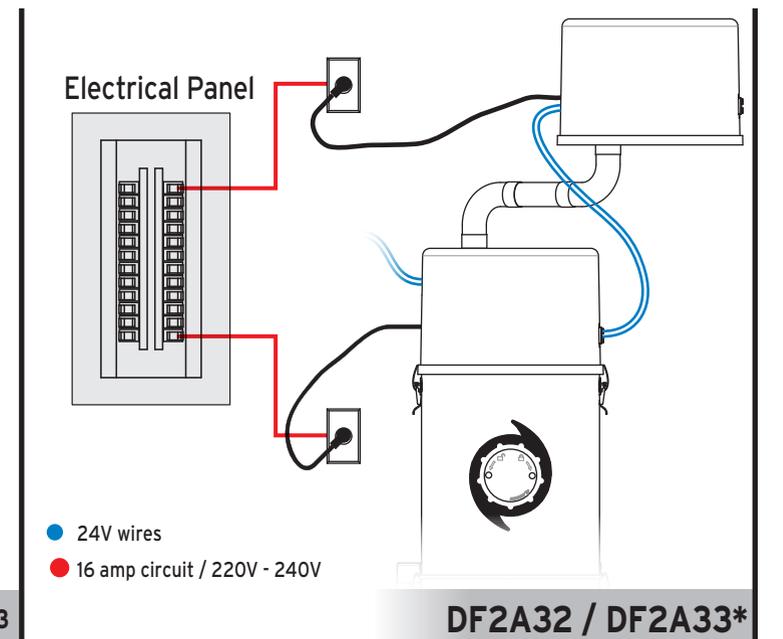
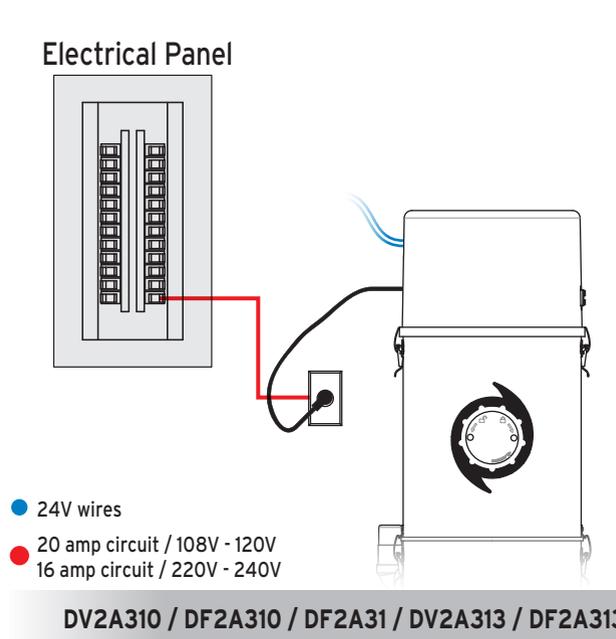
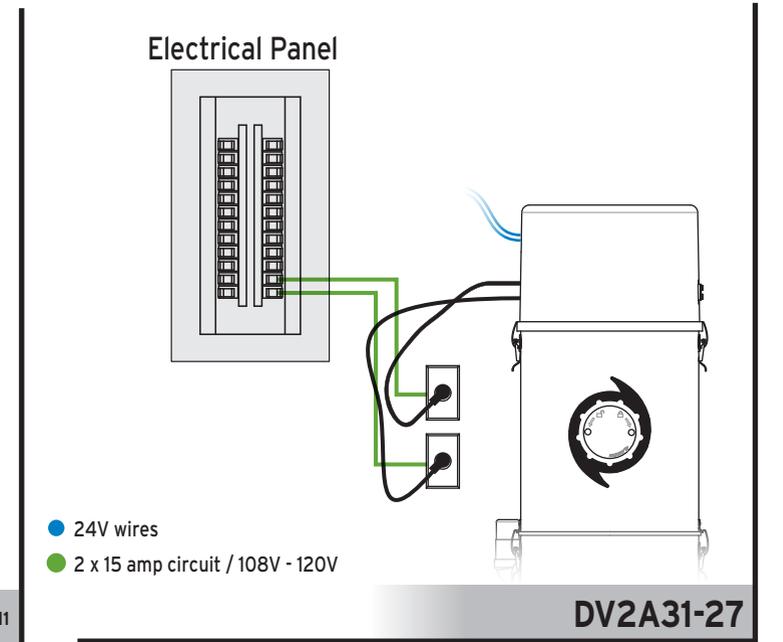
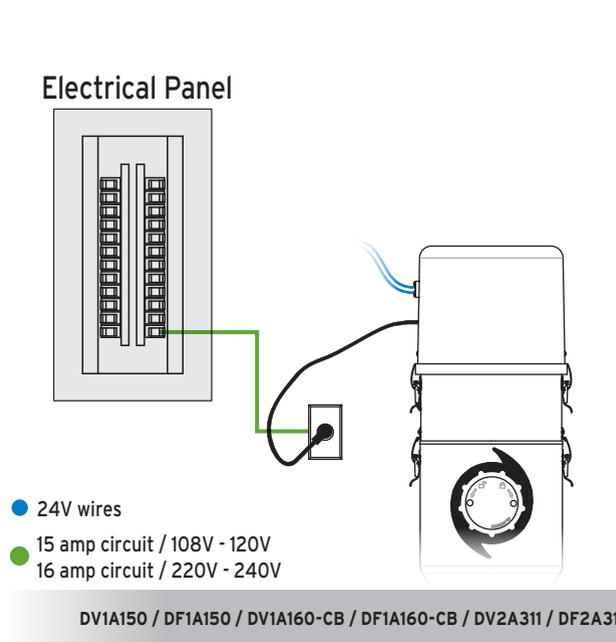


EXAMPLES OF PROPER AND IMPROPER INSTALLATIONS

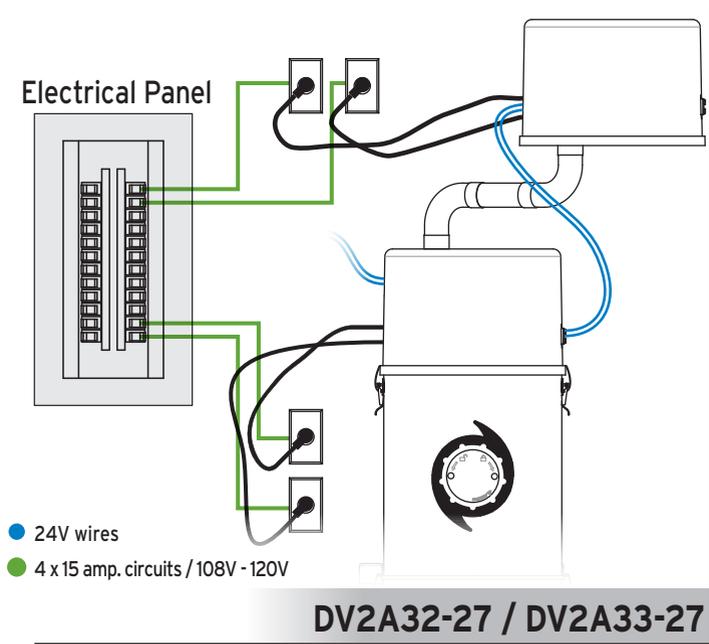


DIAGRAMS OF AN APPROPRIATE CONNECTION

If you experience voltage surge problems on your electrical circuit in spite of adequate connections, a high magnetic circuit breaker can be installed on your electrical panel. Contact an electrician for more information.



ELECTRICAL POWER SUPPLY



ELECTRICAL POWER SUPPLY

GROUNDING INSTRUCTIONS

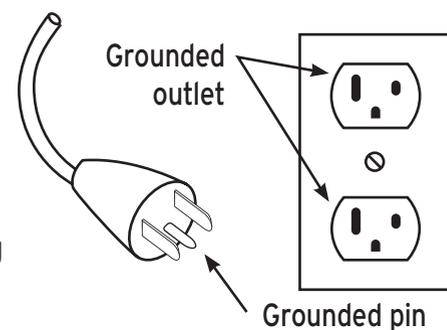
These units must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING - Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded.

DO NOT MODIFY THE PLUG PROVIDED WITH THE UNITS - IF IT DOES NOT FIT THE OUTLET, HAVE A PROPER OUTLET INSTALLED BY A QUALIFIED ELECTRICIAN.

These units are for use on a nominal 108V - 120V or 220V - 240V circuit and has a grounding attachment plug that looks like the one illustrated below. Make sure that the electrical cord is connected to an outlet having the same configuration as the plug.

NO ADAPTOR SHOULD BE USED WITH THIS APPLIANCE.



*Illustration of a north-american electrical outlet

MAINTENANCE PROCEDURES

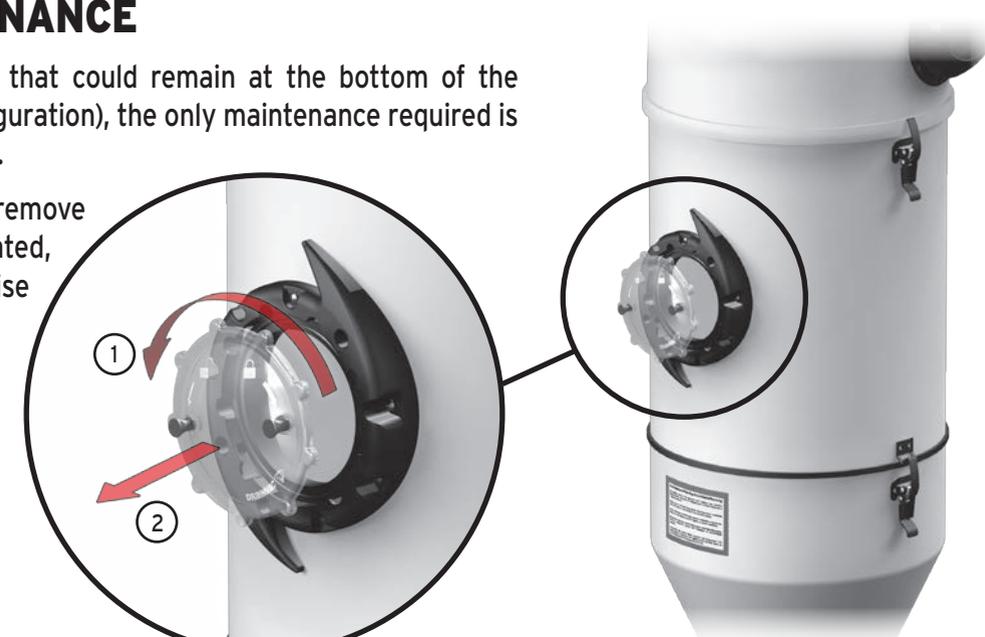
VISUAL INSPECTION

Your Automatik system is very user-friendly and we recommend a visual inspection through the porthole once a year or when needed. If you wish to clean the inside of the unit, refer to the following section "Regular Maintenance".

REGULAR MAINTENANCE

Except for removing objects that could remain at the bottom of the funnel (for the decanter configuration), the only maintenance required is cleaning the inside of the unit.

To proceed, you just have to remove the porthole glass as illustrated, by pivoting it in an anti-clockwise motion using the handles.



Use a scouring sponge to especially clean the protective screen, the two electrodes and, if needed, the funnel.

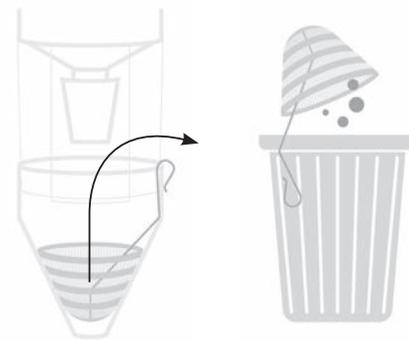
A blocked protective screen could reduce the unit's performance and dirty electrodes could not adequately send a signal to the unit to pass on to the wastewater evacuation cycle.

At the same time, it is recommended to visually inspect the water inlet pipe and the rubber hand to make sure that no foreign object is obstructing the water flow.



DECANTER OPTION

- For residential applications: check and empty the decanter monthly or after cleaning big amounts of fur, hair or any big objects.
- For commercial applications: check and empty daily.



MOTOR BRUSHES

Any mechanical system requires a minimum maintenance and your system is no exception to the rule. We therefore recommend that you **inspect your motor brushes after 500 hours of use** to check how worn they are and replace them if need be. On average, this inspection should occur once every 3 to 5 years for residential applications and once or twice a year for commercial applications.

When the time comes, contact your retailer or distributor for this maintenance procedure.

WEEE GUIDELINES

This unit complies with the **WEEE (Waste Electrical and Electronic Equipment) Guidelines**, which promote the recycling of this type of waste equipment and encourage the development of products that are adapted to efficient waste reclamation at the end of their life cycle.

The WEEE Guidelines stipulate that the original supplier should agree to reclaim any obsolete equipment free of charge. We recommend that you advise your supplier that you would like him to reclaim your unit when you order and replace it with a new one.

Do not discard the unit with your regular garbage. The symbol representing a garbage bin on wheels on the unit's label (**Figure F**) attests to this requirement. You must ensure that, at the end of its life cycle, your unit is reclaimed, treated and recycled by an authorized firm.

For more information, contact your municipal waste management department.



The acquirer of the Automatik system is committed to respect the environmental regulations of the liquid and solid waste disposal in the public water system.

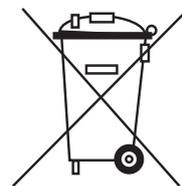


Figure F

THE UNIT WON'T START UP...

SOLUTION:

- Check the circuit breaker in your electrical panel.
- Check the unit's circuit fuse/breaker.
- Check the 24V circuit, as follows:

Try to establish electrical contact in a wall inlet with a metal object (for example, a coin).

- If the unit starts up, the suction hose is defective.
- If the unit doesn't start up, check to see if the 24V wires are properly connected to the unit.

Try to establish an electrical contact between the two terminals of the 24V circuit on the unit with a metal object (for example, a screwdriver).

- If the unit starts up, a 24V wire is either cut or disconnected from one of the wall inlets.
- If the unit won't start up after these steps, the printed circuit is defective.

THE UNIT WON'T SHUT DOWN...

SOLUTION:

Check the 24V circuit as follows:

Disconnect one of the two wires on the unit's 24V circuit.

- If the unit shuts down, the problem could be that two 24V wires are touching themselves somewhere or that the wall inlet is defective.
- If the unit doesn't shut down, the printed circuit is defective. Unplug the power cord.

SUPPORT

If you wish to speak with a customer service representative, please contact your supplier/dealer.

To find a retailer near you, please visit our website: www.drainvac.com/ca/en/retailers/find-a-retailer/

Drainvac International

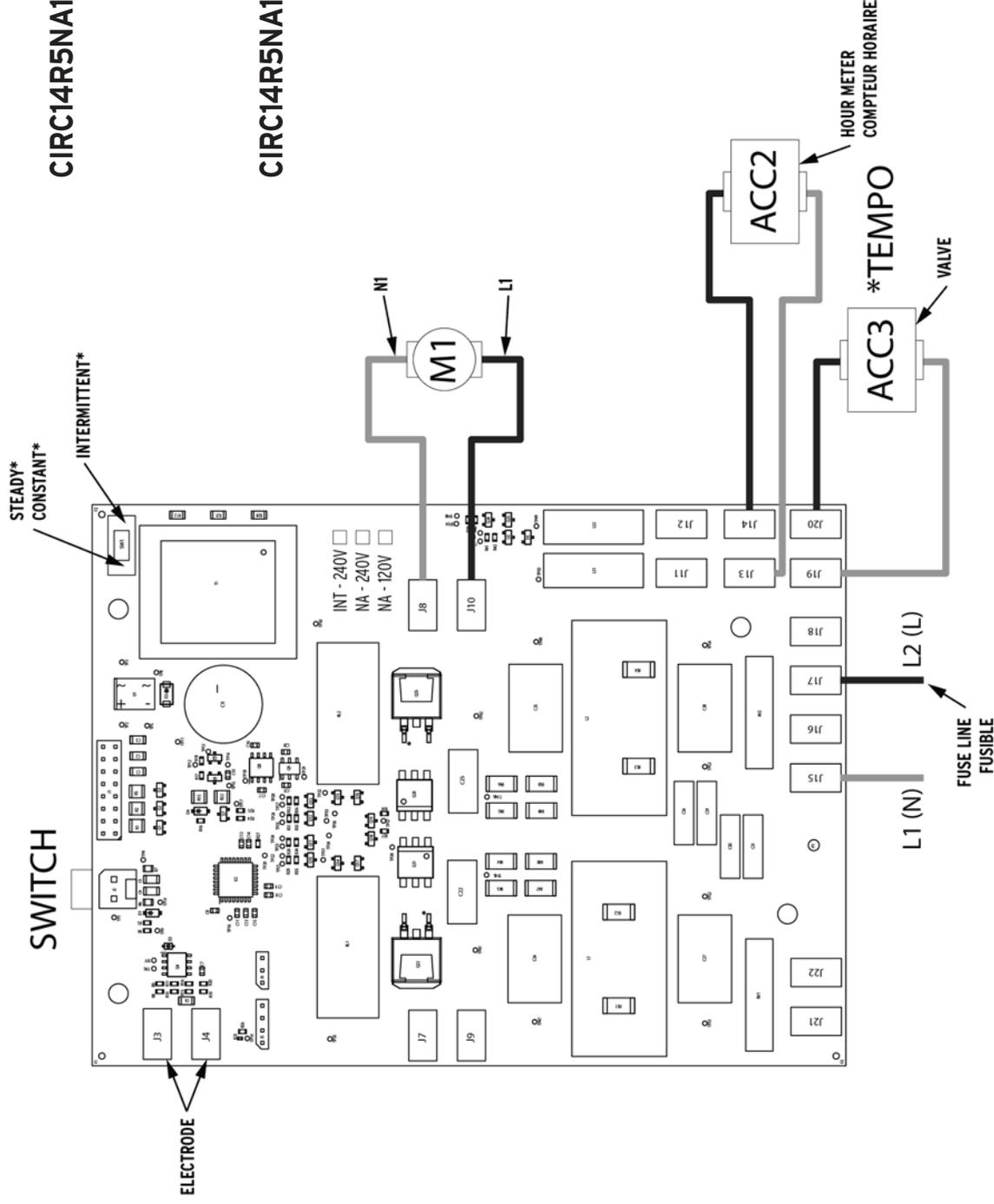
150 Brunet Street, Mont-St-Hilaire, QC, Canada, J3H 0M6

ANNEXE I
CIRC14R5NA1, CIRC14R5NA2, CIRC14R5INT
DIAGRAMME DE CONNEXION
4 gal. (18 L)

DV1A150, DV1A160-CB, DF1A150, DF1A160-CB

ANNEX I
CIRC14R5NA1, CIRC14R5NA2, CIRC14R5INT
Connection diagram
4 gal. (18 L)

DV1A150, DV1A160-CB, DF1A150, DF1A160-CB



***STEADY: COMMERCIAL DEFAULT SETTING - CONTINUOUS WATER FLOW**

***INTERMITTENT: RESIDENTIAL DEFAULT SETTING - INTERMITTENT WATER FLOW**

***CONSTANT: CONFIGURATION PAR DÉFAUT POUR LE COMMERCIAL - ÉCOULEMENT D'EAU CONTINUE**

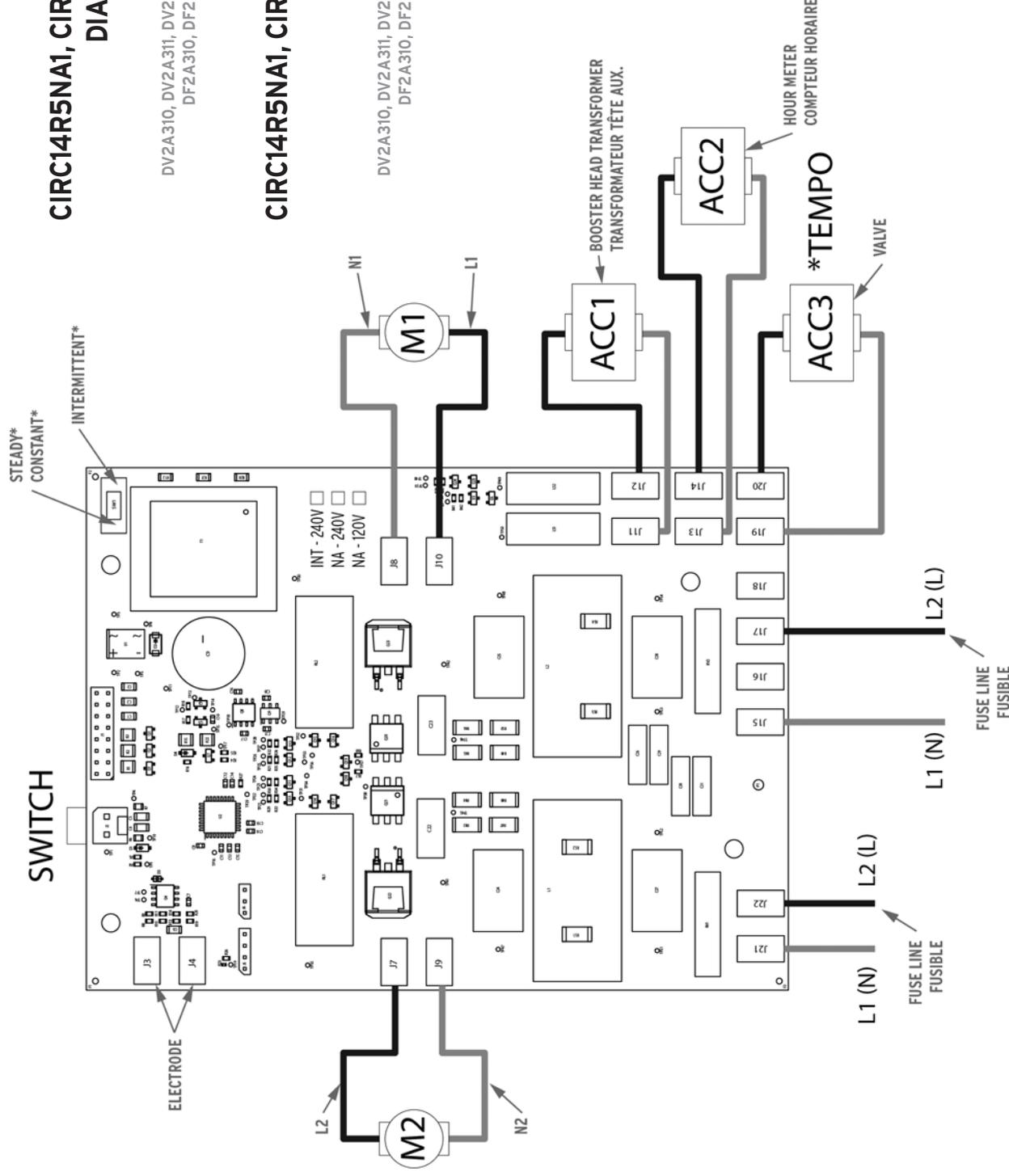
***INTERMITTENT: CONFIGURATION PAR DÉFAUT POUR LE RÉSIDENTIEL - ÉCOULEMENT D'EAU PAR INTERMITTENCE**

ANNEXE II
CIRC14R5NA1, CIRC14R5NA2, CIRC14R5INT
DIAGRAMME DE CONNEXION
6 gal. (29 L)

DV2A310, DV2A311, DV2A313, DV2A32-27, DV2A33-27, DF2A310, DF2A311, DF2A313, DF2A31, DF2A32, DF2A33*

ANNEX II
CIRC14R5NA1, CIRC14R5NA2, CIRC14R5INT
Connection diagram
6 gal. (29 L)

DV2A310, DV2A311, DV2A313, DV2A32-27, DV2A33-27, DF2A310, DF2A311, DF2A313, DF2A31, DF2A32, DF2A33*



***STEADY: COMMERCIAL DEFAULT SETTING - CONTINUOUS WATER FLOW**

***INTERMITTENT: RESIDENTIAL DEFAULT SETTING - INTERMITTENT WATER FLOW**

***CONSTANT: CONFIGURATION PAR DÉFAUT POUR LE COMMERCIAL - ÉCOULEMENT D'EAU CONTINUE**

***INTERMITTENT: CONFIGURATION PAR DÉFAUT POUR LE RÉSIDENTIEL - ÉCOULEMENT D'EAU PAR INTERMITTENCE**

