DRAINVAC®
Central Vacuums

OWNER'S MANUAL
COMPACT SERIES

For an online version of this manuel
(readable with a smart phone)

PRINTED IN CANADA (05-17)

SAFETY ORDERS

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 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.
- This vacuum cleaner is intended for dry pick up only. Do not use on wet or humid surfaces, pick up any flammable liquids or combustible materials (gasoline, fuel, diesel) hot debris, flammable materials (cigarettes, ashes, matches), waste solvants (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 if an opening is blocked. Keep free of dust, lint, hair and anything that may reduce air flow/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 operate without dust bag and/or filter in place.
- Never plug in a unit designed to operate with a current of 120V in a 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 dealer/distributor for repair.
- Never handle plug, cord or power unit with wet hands.
- Never disconnect plug by pulling cord. To disconnect from outlet, grasp the plug, not the cord.
- Connect to a properly grounded outlet only. See grounding instructions.
- Keep cord away from heated surfaces.
- Turn off all controls before unplugging.
- 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 surrounds you!

Drainvac disclaims any responsibility should you infringe upon these guidelines.

DRAINVAC Central Vacuums

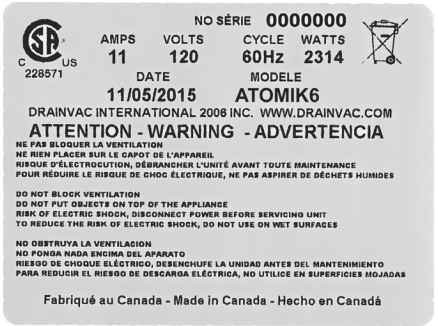
INTRODUCTION

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. Drainvac's central vacuum cleaners are manufactured and checked at our factory by our qualified staff who have been specifically trained to this end. A number of installation 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/register-your-drainvac.html

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.



Metal tag

Model*: _____

Serial number*: _____

Retailer's name: _____

Date of purchase: _____

Date of the last maintenance: _____

*These informations are found on a metal tag located on the left side of the unit.

TABLE OF CONTENTS

You have purchased one of the following models. Identify the one to related to it. The model number is marked on the label sticked on the left side of the unit.

PRO SERIES

NORTH AMERICA (108V - 120V)

MODELS	AIR WATTS	H_2O	CFM	DECIBELS	AMPS	GAL./L	SIZE in/cm
PRO105	500	115	120	68	11	3.75 / 17	12 dia. x 23 / 30 dia. x 58
PRO106	600	125	140	69	11	3.75 / 17	12 dia. x 23 / 30 dia. x 58
PRO205	500	115	120	68	11	9 / 41	15 dia. x 28 / 38 dia. x 70
PRO206	600	125	140	69	11	9 / 41	15 dia. x 28 / 38 dia. x 70

INTERNATIONAL (220V - 240V)

MODELS	AIR WATTS	mmH_2O	m^3/h	DECIBELS	AMPS	GAL./L	SIZE in/cm
PROE105	500	3048	248	68	6.5	3.75 / 17	12 dia. x 23 / 30 dia. x 58
PROE106	600	3255	290	69	7	3.75 / 17	12 dia. x 23 / 30 dia. x 58
PROE205	500	3048	248	68	6.5	9 / 41	15 dia. x 28 / 38 dia. x 70
PROE206	600	3255	290	69	7	9 / 41	15 dia. x 28 / 38 dia. x 70

S1000 SERIES

NORTH AMERICA (108V - 120V)

MODELS	AIR WATTS	H_2O	CFM	DECIBELS	AMPS	GAL./L	SIZE in/cm
S1005	500	115	120	60	11	3.75 / 17	12 dia. x 23 / 30 dia. x 58
S1006	600	125	140	60	11	3.75 / 17	12 dia. x 23 / 30 dia. x 58
S1008	800	138	138	60	13.2	3.75 / 17	12 dia. x 23 / 30 dia. x 58

INTERNATIONAL (220V - 240V)

MODELS	AIR WATTS	mmH_2O	m^3/h	DECIBELS	AMPS	GAL./L	SIZE in/cm
SE1005	500	3048	248	60	6.5	3.75 / 17	12 dia. x 23 / 30 dia. x 58
SE1006	600	3255	290	60	7	3.75 / 17	12 dia. x 23 / 30 dia. x 58
SE1007	700	3880	315	58	7	3.75 / 17	12 dia. x 23 / 30 dia. x 58

GENERATION 2 SERIES

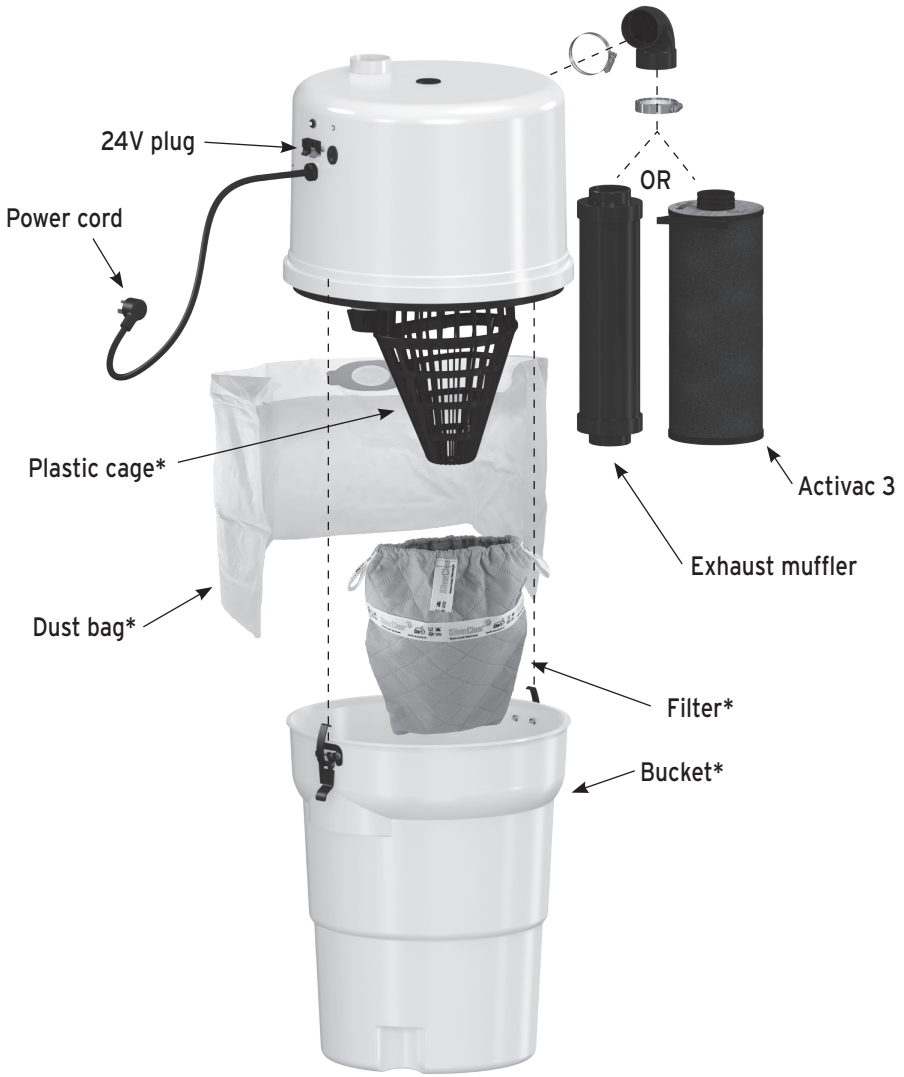
NORTH AMERICA (108V - 120V)

MODELS	AIR WATTS	H_2O	CFM	DECIBELS	AMPS	GAL./L	SIZE in/cm
G2-005	500	115	120	60	11	9 / 41	15 dia. x 28 / 38 dia. x 70
G2-006	600	125	140	60	11	9 / 41	15 dia. x 28 / 38 dia. x 70
G2-008	800	138	142	60	14.5	9 / 41	15 dia. x 28 / 38 dia. x 70
G2-2X3-M	2 x 302	160	105	70	13.5	9 / 41	15 dia. x 28 / 38 dia. x 70
G2-2X5-M	2 x 520	170	135	72	13.5 (208V - 240V)	9 / 41	15 dia. x 28 / 38 dia. x 70
G2-2X7-M	2 X 700	212	140	70	14.2 (208V - 240V)	9 / 41	15 dia. x 28 / 38 dia. x 70

INTERNATIONAL (220V - 240V)

MODELS	AIR WATTS	mmH_2O	m^3/h	DECIBELS	AMPS	GAL./L	SIZE in/cm
G2E-005	500	3048	248	60	6.5	9 / 41	15 dia. x 28 / 38 dia. x 70
G2E-006	600	3255	290	60	7	9 / 41	15 dia. x 28 / 38 dia. x 70
G2E-007	700	3880	315	58	7	9 / 41	15 dia. x 28 / 38 dia. x 70
G2E-2X5-M	2 x 520	4318	271	72	14	9 / 41	15 dia. x 28 / 38 dia. x 70
G2E-2X7-M	2 X 700	5335	238	70	14.2	9 / 41	15 dia. x 28 / 38 dia. x 70

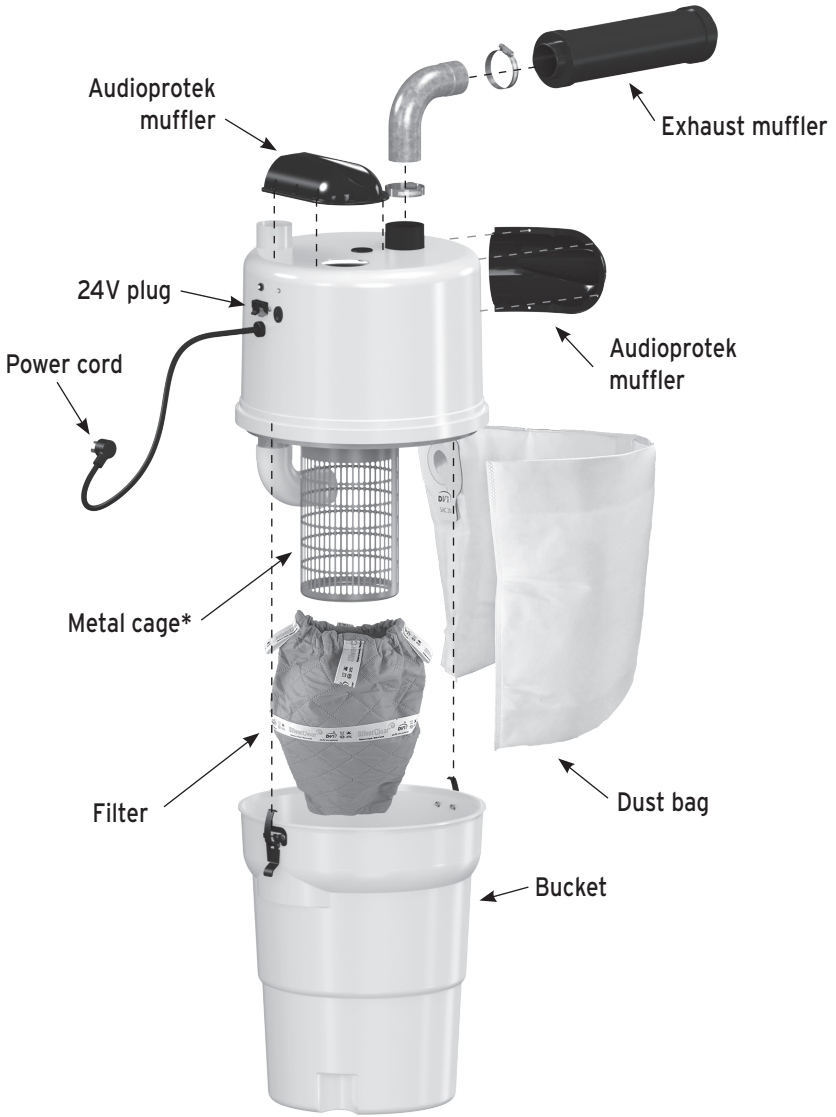
**G2-2X3-M, G2-2X5-M, G2E-2X5-M, G2-2X7-M and G2E-2X7-M, includes 2 motors.*



ILLUSTRATED CONFIGURATION OF A SINGLE MOTOR UNIT

Pro series, S1000 series and models:
G2-005, G2-006, G2-008, G2E-005, G2E-006, G2E-007

*Your model may vary from the illustrated figure.



ILLUSTRATED CONFIGURATION OF A DUAL MOTOR UNIT

G2-2X3-M, G2-2X5-M, G2-2X7-M, G2E-2X5-M, G2E-2X7-M

*Do not insert your hand in the metal cage while the unit is running.

Please mark the dust bag and the filter which corresponds to your vacuum in order to refer yourself when the time will come to change it.

SAC--14
Disposable 2-ply paper dust bags, 9 gal. (41L)
G2-2X3-M, G2-2X5-M, G2-2X7-M, G2E-2X5-M, G2E-2X7-M

SAC--20
Disposable 3-ply cloth dust bags, 9 gal. (41L)
G2-2X3-M, G2-2X5-M, G2-2X7-M, G2E-2X5-M, G2E-2X7-M

SAC--31
Disposable 3-ply cloth dust bags, 3,75 gal. (17L)
PRO105, PROE105, PRO106, PROE106, S1005, SE1005, S1005-M, SE1005-M, S1006, SE1006, S1006-M, SE1006-M, S1008, SE1007, S1008-M, SE1007-M

SAC--32
Disposable 3-ply cloth dust bags, 9 gal. (41L)
PRO205, PROE205, PRO206, PROE206, G2-005, G2E-005, G2-005-M, G2E-005-M, G2-006, G2E-006, G2-006-M, G2E-006-M, G2-008, G2E-007, G2-008-M, G2E-007-M

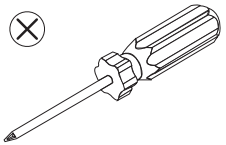
FILT-07DVI*
Metal cage filter with a capacity of 9 gal. (41 L)
G2-2X3-M, G2-2X5-M, G2-2X7-M, G2E-2X5-M, G2E-2X7-M

FILT-33DVI*
Plastic cage filter with a capacity of 9 gal. (41 L)
PRO205, PROE205, PRO206, PROE206, G2-005, G2E-005, G2-005-M, G2E-005-M, G2-006, G2E-006, G2-006-M, G2E-006-M, G2-008, G2E-007, G2-008-M, G2E-007-M

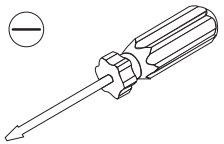
FILT-30DVI*
Plastic cage filter with a capacity of 3,75 gal. (17 L)
PRO105, PROE105, PRO106, PROE106, S1005, SE1005, S1005-M, SE1005-M, S1006, SE1006, S1006-M, SE1006-M, S1008, SE1007, S1008-M, SE1007-M

REQUIRED TOOLS

Cutting Pliers

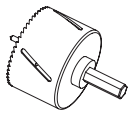


Phillips Screwdriver

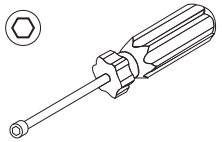


Regular Screwdriver

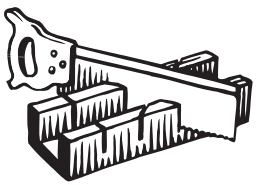
Measuring Tape



Hole Saw
2.25″ (57 mm)



Socket Head Screwdriver
5/16″ (8 mm) (for the clamps)
(supplied with the unit)



Mitre-Box and Saw

or

PVC Pipe Cutter
2″ (50 mm)

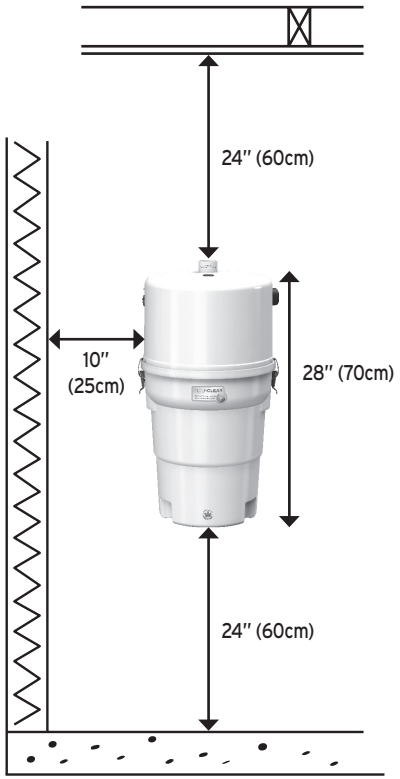
Drill
0.5″ (12.5 mm) bit

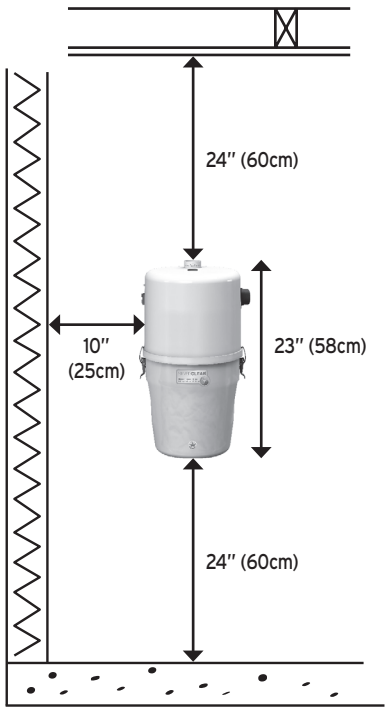
WHERE TO INSTALL THE UNIT

We recommend installing the system on the **lowest level of the building** to avoid having to work against gravity. Dust and solids will fall easier then being pulled upwards, this is why the basement is generally the most ideal location. If there is no basement, the garage or a storage room will do.

MINIMUM DIMENSIONS AND SPACING

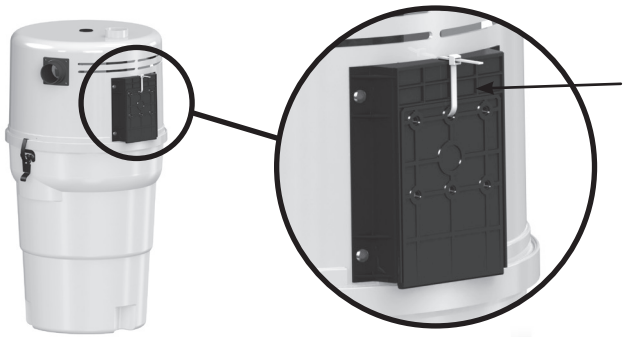
It is important to install the unit in a location where it will be easily accessible for maintenance and to effectively evacuate dust. The minimum spacing required are the following:



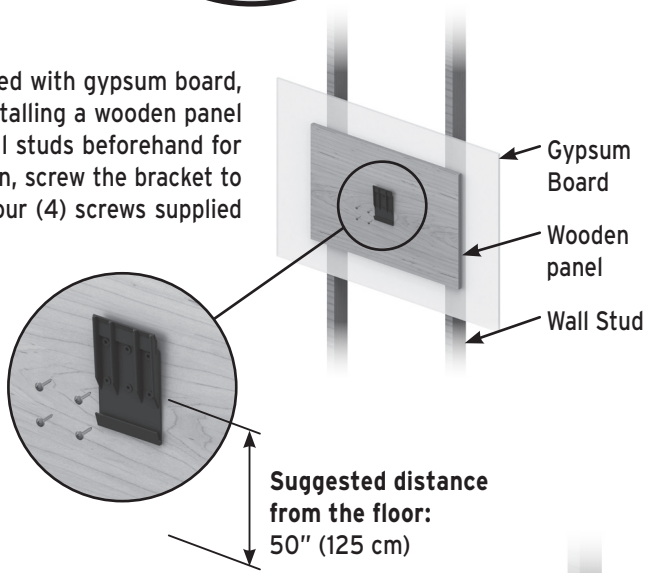


1) MOUNTING THE UNIT ON THE WALL

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



- If the wall is covered with gypsum board, we recommend installing a wooden panel screwed to the wall studs beforehand for more stability. Then, screw the bracket to the wall with the four (4) screws supplied with the unit.

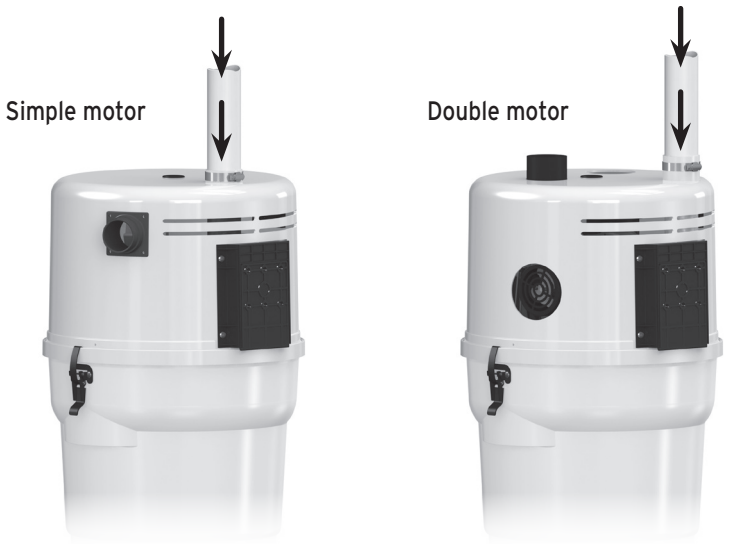


- For a installation directly on a wall stud, screw two (2) screws in the middle area only.

- Lift the head to slide its support onto the wall bracket.

2) CONNECTING THE DUST INLET

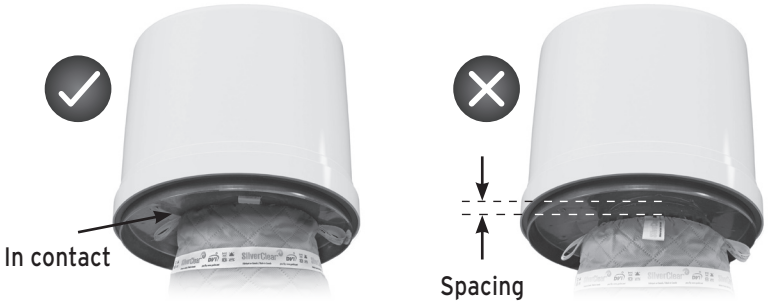
Connect the dust inlet onto the unit securing it with a colar (do not glue).



All units are supplied with a SMS filter and a dust bag (the filter is already pre-installed to the unit).

3) FILTER

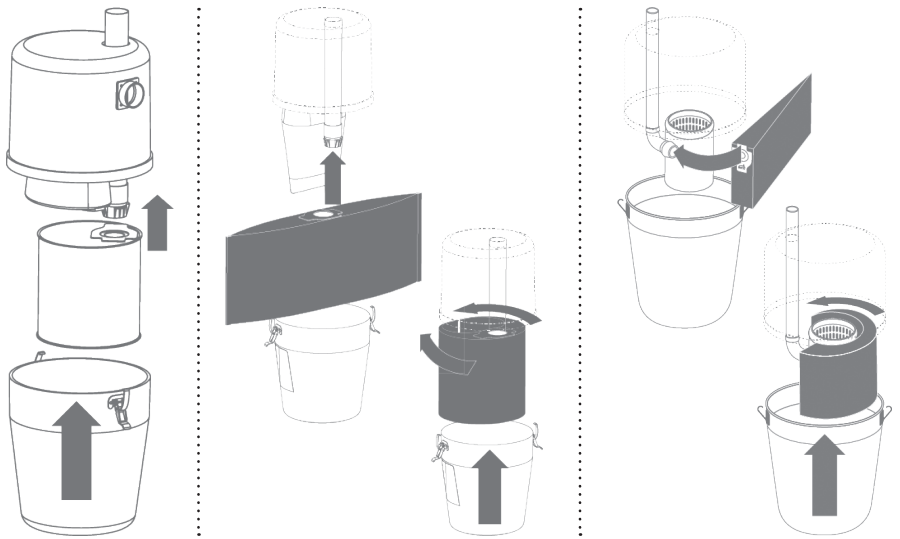
Using the clamps, disconnect the tank from the main unit. You should see the filter pre-installed. Ensure that the cloth filter is properly set up completely to the top of the plate.



4) DUST BAG

Install the appropriate dust bag for your model and follow the instructions printed on the back of the packaging.

SAC--31 SAC--32 SAC--14, SAC--15



5) AUDIOPROTEK MUFFLER - TWO-MOTOR SERIES ONLY

Units including a two-motor system (such as G2-2X3-M, G2-2X5-M, G2E-2X5-M, G2-2X7-M, G2E-2X7-M) are supplied with audioprotek mufflers.

Peel the plastic strip from the foam and stick the muffler onto the units head. The straight muffler goes on top, and the curved one on the side.

An Activac 3 filter or an exhaust muffler is included with the S1000 and G2 series. **If you have purchased the Pro series, they are sold seperatly.**

An Activac 3 filter is not suitable for a two-motor unit. An air outlet leading outside the building is mandatory for these models.

ACTIVAC 3 - ONE-MOTOR SERIES ONLY

Clamp the 90° short elbow to the unit with the supplied colar and insert the Activac 3 filter to the other end with a second colar (do not glue).

MUFFLER

Connect the air outlet to the unit, securing it with a clamp and install the muffler with a second colar (do not glue).

The 90° elbow can be replaced by a straight pipe.

Simple motor

Double motor

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

GENERAL INFORMATION

- **An air outlet leading outside must always be installed on a two-motor 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 center 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 piercing a hole through the pipe.
- 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.

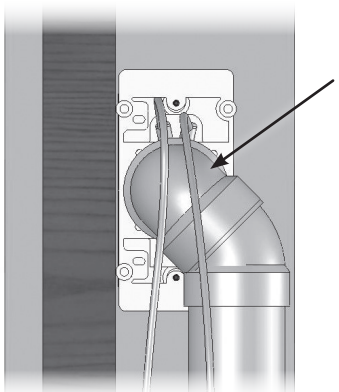


Figure A

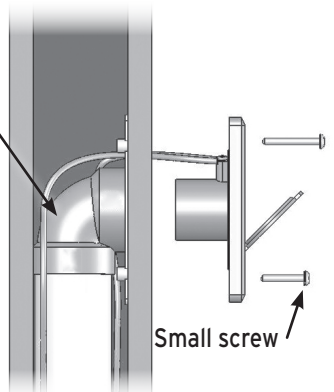
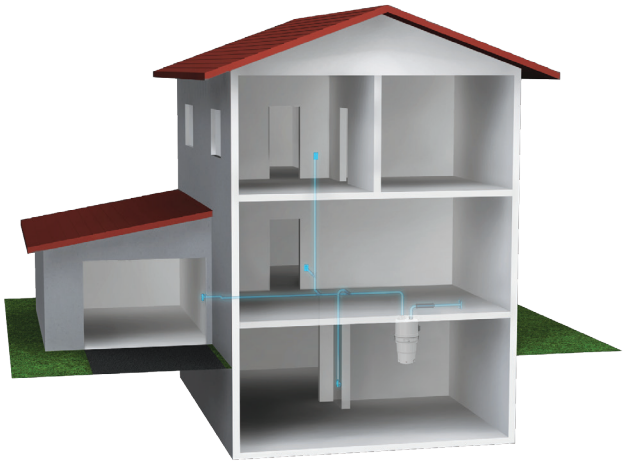


Figure B

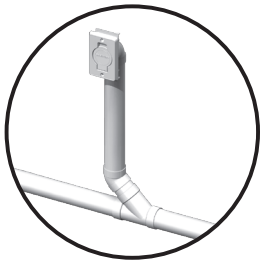
DIAGRAM OF A RESIDENTIAL INSTALLATION



DIFFERENT INSTALLATION POSSIBILITIES

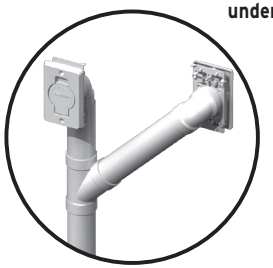
On the top floor
(at the end of a pipeline)

On an intermediary floor



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

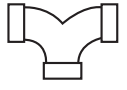
In the basement
(connected under a pipeline under the floor)

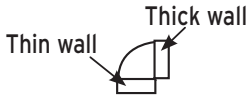


Back to back

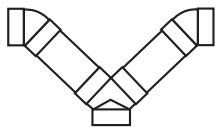
PIPING INSTALLATION

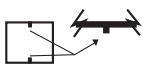
EXAMPLES OF PROPER AND IMPROPER INSTALLATIONS





For wall plates only

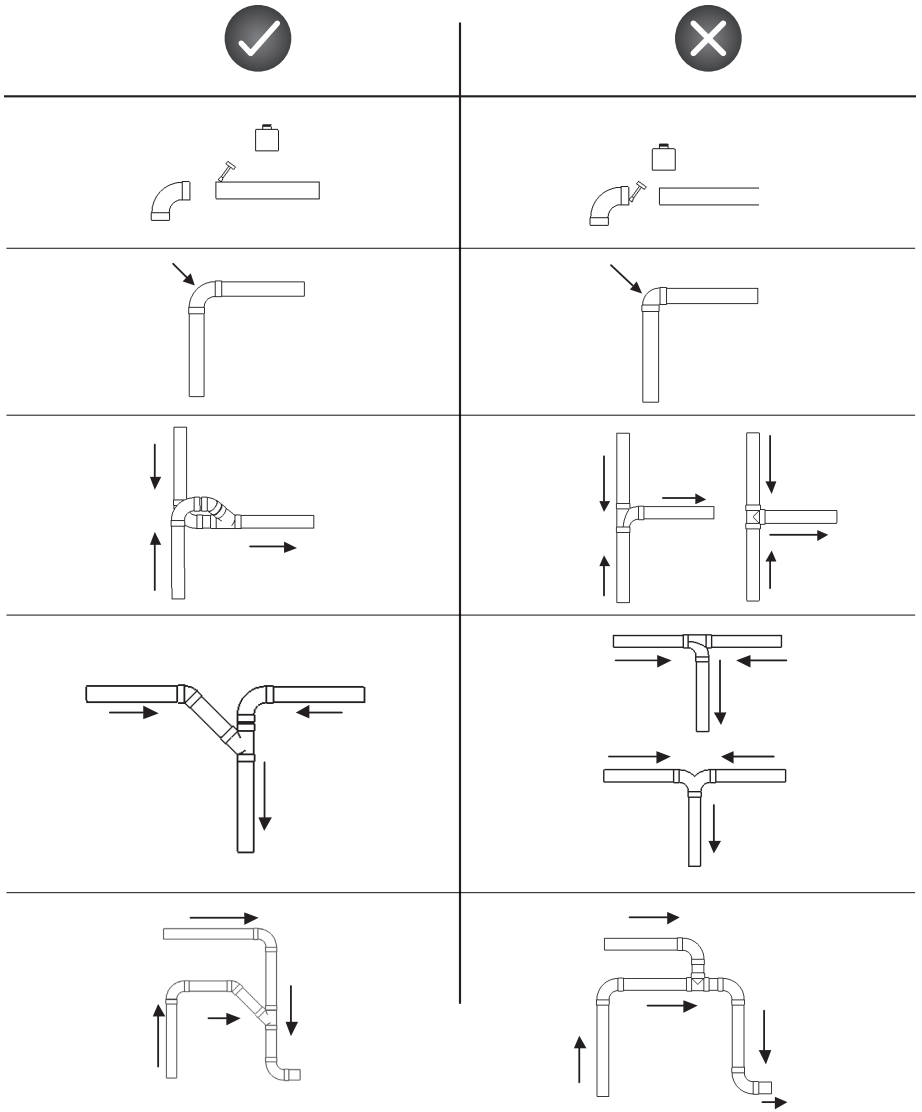




Joint with inside stoppers

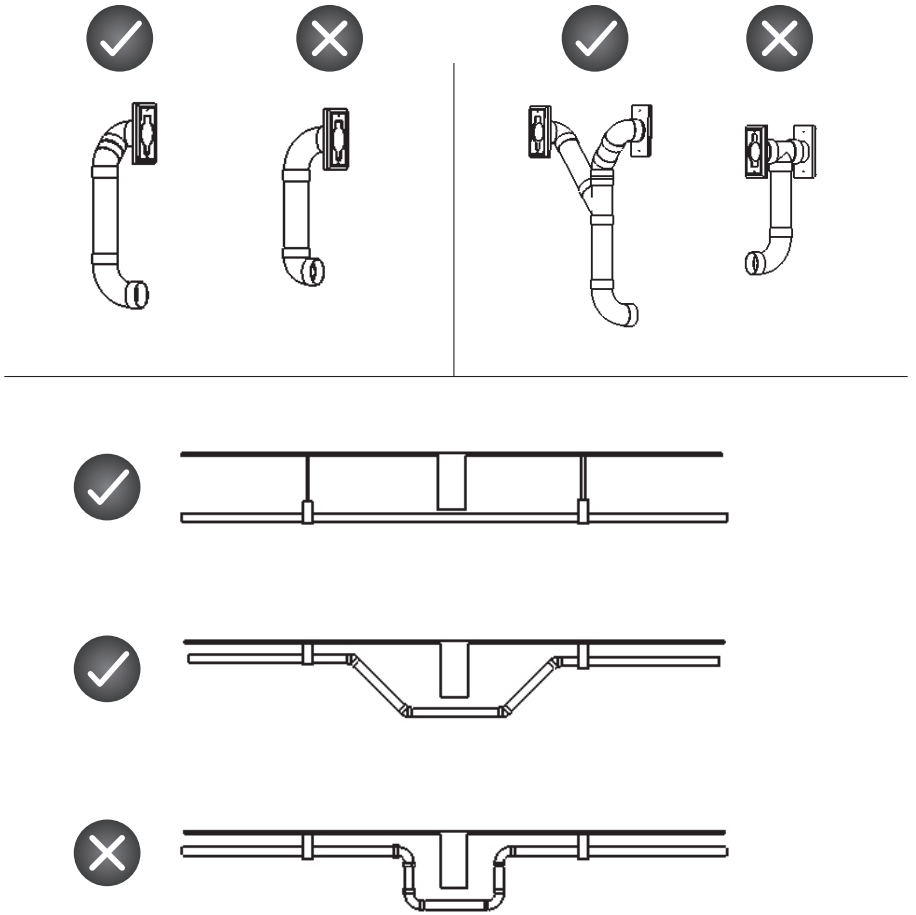
Smooth joint without inside stoppers

EXAMPLES OF PROPER AND IMPROPER INSTALLATIONS



PIPING INSTALLATION

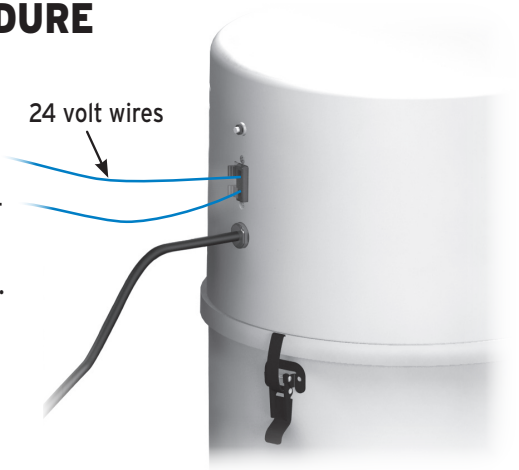
EXAMPLES OF PROPER AND IMPROPER INSTALLATIONS



An electrical cord is equipped to all central vacuum systems. An adequate electrical power outlet must be installed near the unit. **We strongly recommend installing an electrical circuit which will be used only for the unit.**

CONNECTION PROCEDURE

- Install the 24-volt wires from the network (each wall inlet) to the unit.
- Connect the unit to the electrical outlet with the power-supply cord.
- The unit is now ready to be used.



EXAMPLES OF PROPER AND IMPROPER INSTALLATIONS

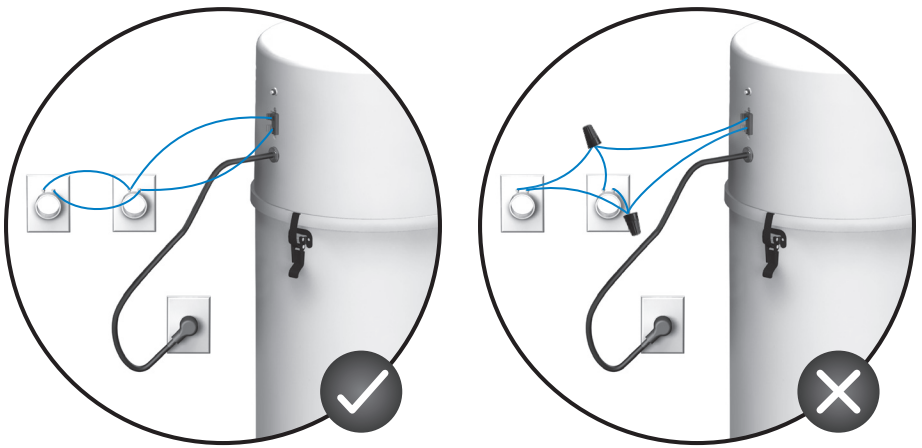
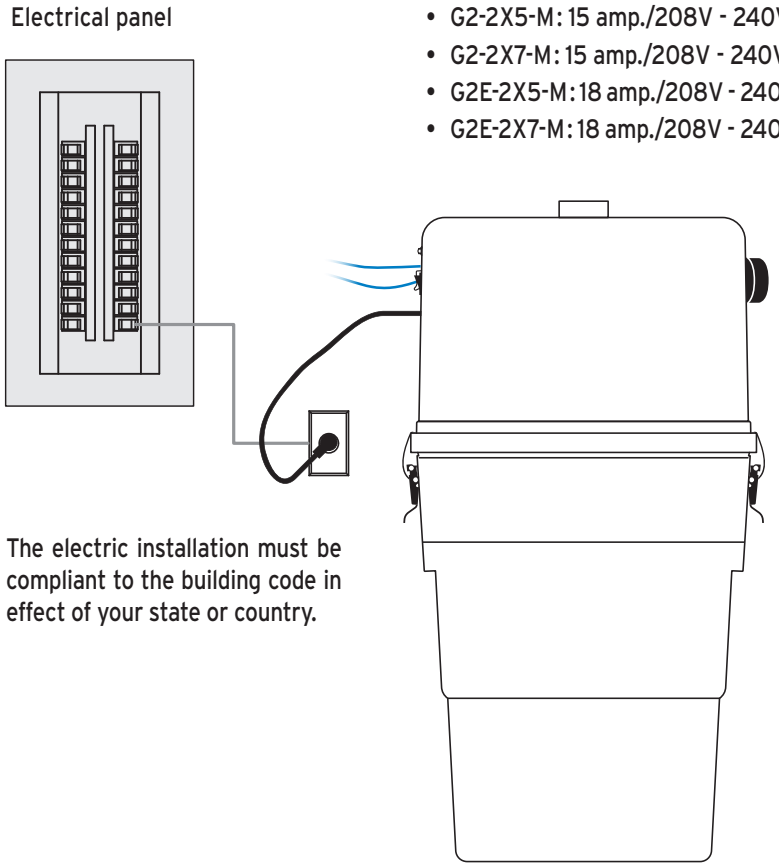


DIAGRAM OF AN APPROPRIATE CONNECTION

All units used in North America has a **circuit of 15 amp./120V,** whereas the International has a **circuit of 8 amp./230V** except for some exceptions:

- G2-2X5-M: 15 amp./208V - 240V
- G2-2X7-M: 15 amp./208V - 240V
- G2E-2X5-M: 18 amp./208V - 240V
- G2E-2X7-M: 18 amp./208V - 240V



The electric installation must be compliant to the building code in effect of your state or country.

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.

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 120V or a 230V 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.

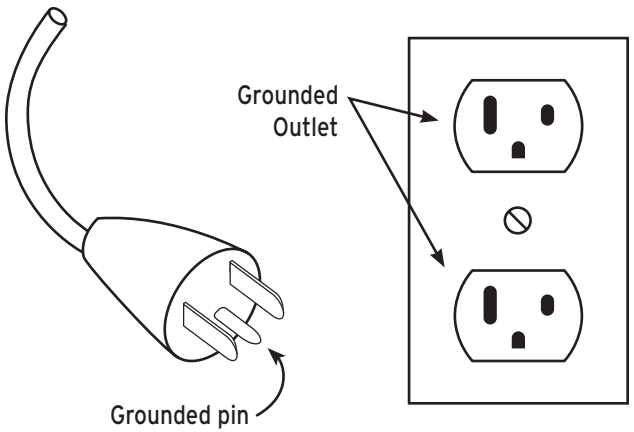


*Illustration of a north-americain electrical outlet

Each system requires a minimum maintenance, without any exception.

MOTOR BRUSHES

Beyond the occasional external cleaning, we recommend that you **inspect your motor brushes after 500 hours of use** to check how worn they are and have them replaced if necessary. On average, this inspection should occur once every 3 to 5 years. When the time comes, contact your retailer or distributor for this maintenance procedure. Take note that the motor burshes are not included in the warranty.

FILTER AND DUST BAG

You must clean the filter and replace the dust bag periodically. This will prevent your vacuum from losing any power and will extend it's lifespan.

- The dust bag **CANNOT** be washed or emptied. It must be replaced by a new one. If you notice a flagrant decline of power, it may be a sign of a full dust bag and must be changed. For a reference purpose, a regular usage with a 3,75 gal (17L) unit, the bag usual gets replaced after 6 to 12 months. For a 9 gal (41L) unit, it is around 12 to 18 months. **DO NOT CHANGE THE DUST BAG WHILE THE UNIT IS RUNNING.**
- The filter can be easily cleaned in the washing machine but it is not recommended to put it in the dryer. It must be **COMPLETLY DRY** before reusing. Regarding the cleaning frequency of the cage filter, we recommend to clean whenever the dust bag is changed.

To change one or the other, release the clamps between the main unit and the tank.

1. Remove the bag and discard it (if you must).
2. Clean or wash the filter and let it dry.
3. Place the filter.
4. Place the new dust bag.
5. Reattach the tank to the main unit.

***IF THE UNIT IS USED EITHER WITHOUT THE FILTER OR THE DUST BAG, THE WARRANTY WILL BE VOIDED.**

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.

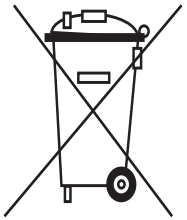


Figure C

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 C)** 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 retailler or firm.

For more information, contact your municipal waste management department.

RoHS

All presented units respects the european directive RoHS which limits the usage of six dangerous substances.

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/retailers.html

THE UNIT WON'T START UP...

SOLUTION:

1) Check if the LED is lit.

2) Check the circuit breaker in your electrical panel.

3) Check the unit's circuit fuse/breaker.

4) Check the 24-volt 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 24-volt wires are properly connected to the unit.

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

- If the unit starts up, a 24-volt 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 24-volt circuit as follows:
Disconnect one of the two wires on the unit's 24-volt circuit.

- If the unit shuts down, the problem could be that two 24-volt 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.

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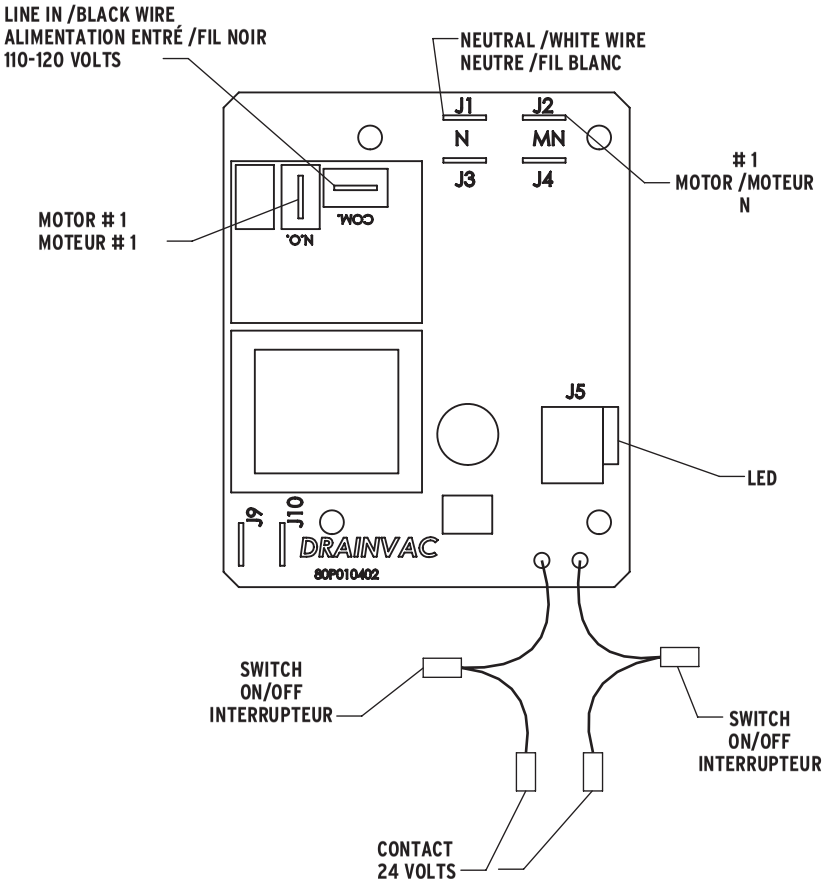
150 Brunet street, Mont-St-Hilaire, QC J3H 0M6, Canada

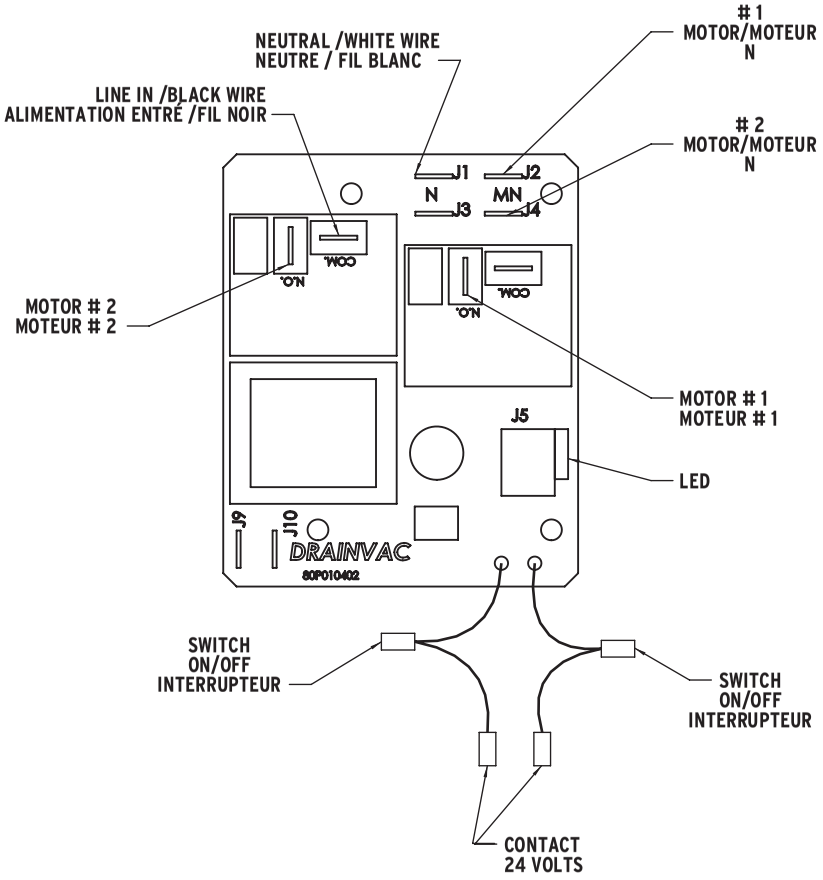


ANNEXE I
CIRC-02
DIAGRAMME DE CONNEXIONS
1 MOTEUR
110-120 VOLTS

PR0105, PR0106, PR0205, PR0206, S1005, S1005-M, S1006, S1006-M, S1008, S1008-M, G2-005, G2-005-M, G2-006, G2-006-M, G2-008, G2-008-M

ANNEX I
CIRC-02
CONNECTION DIAGRAM
1 MOTOR
110-120 VOLTS

PR0105, PR0106, PR0205, PR0206, S1005, S1005-M, S1006, S1006-M, S1008, S1008-M, G2-005, G2-005-M, G2-006, G2-006-M, G2-008, G2-008-M

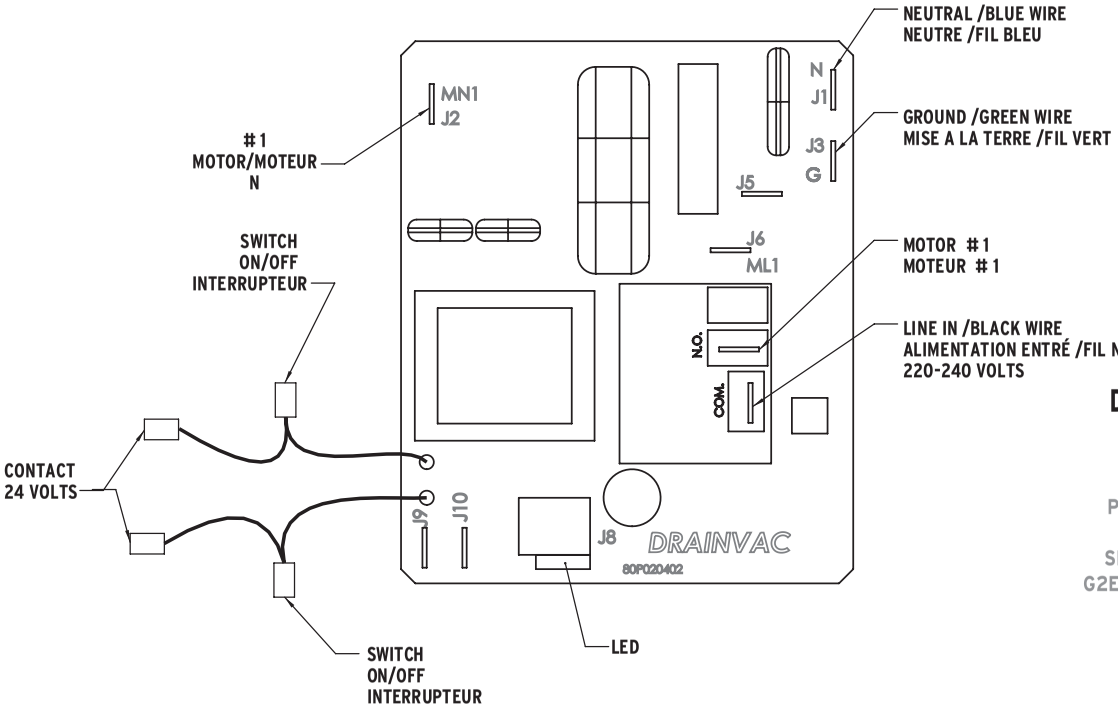


ANNEXE II
CIRC-03
DIAGRAMME DE CONNEXIONS
2 MOTEURS
110-120 VOLTS

G2-2X3-M

ANNEX II
CIRC-03
CONNECTION DIAGRAM
2 MOTORS
110-120 VOLTS

G2-2X3-M

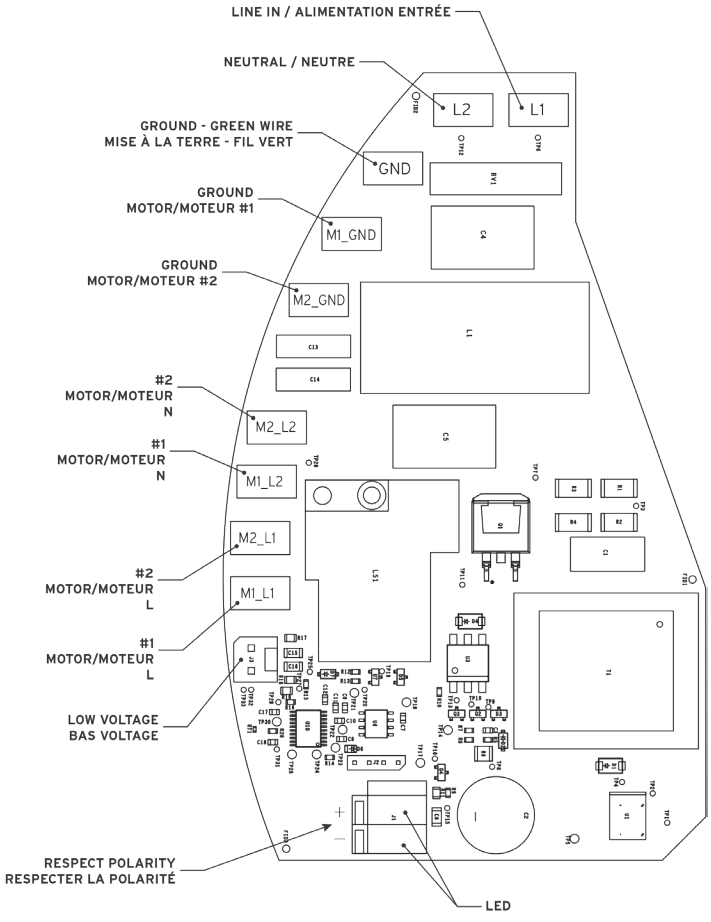


ANNEXE III
CIRC-05
DIAGRAMME DE CONNEXIONS
1 MOTEUR
220-240 VOLTS

PROE105, PROE106, PROE205, PROE206, SE1005, SE1005-M, SE1006, SE1006-M, SE1007, SE1007-M, G2E-005, G2E-005-M, G2E-006, G2E-006-M, G2E-007, G2E-007-M

ANNEX III
CIRC-05
CONNECTION DIAGRAM
1 MOTOR
220-240 VOLTS

PROE105, PROE106, PROE205, PROE206, SE1005, SE1005-M, SE1006, SE1006-M, SE1007, SE1007-M, G2E-005, G2E-005-M, G2E-006, G2E-006-M, G2E-007, G2E-007-M



ANNEXE IV
CIRC-18
DIAGRAMME DE CONNEXIONS
2 MOTEURS
220-240 VOLTS

G2-2X5-M, G2E-2X5-M, G2-2X7-M, G2E-2X7-M

ANNEX IV
CIRC-18
CONNECTION DIAGRAM
2 MOTORS
220-240 VOLTS

G2-2X5-M, G2E-2X5-M, G2-2X7-M, G2E-2X7-M