



2190 Dagenais Blvd. West Tel. : 514.337.4415
Laval (Quebec) Fax : 514.337.4029
Canada info@burcam.com
H7L 5X9 see us at www.burcam.com

MODEL 450472

EASY FLO SYSTEM

Your pump has been carefully packaged at the factory to prevent damage during shipping. However, occasional damage may occur due to rough handling. **Carefully inspect your pump** for damages that could cause failures. Report any damage to your carrier or your point of purchase.

Please read these instructions carefully. **Failure** to comply to instructions and **designed** operation of this system, may **void** the warranty.

INITIAL START UP PROCEDURES :

1. Inspect the system for any obvious condition that may necessitate cleaning, correction, adjustment or repair.
2. Ensure that the unit is secure and vertical for proper operation.
3. Ensure that there is adequate clearance from any combustible materials or structure. Stored materials must be kept away from the unit.
4. Ensure that the motor is securely plugged into a proper 'GFCI' electrical outlet.
5. Test the 'GFCI' outlet by pressing its test switch. This should prove that the outlet is energized and will trip off to protect against a ground fault. Be sure to reset the 'GFCI' by pressing its reset switch. (Repeat this step monthly)
6. Push the test button to ensure that the pump will start when required. (Step 7 below will test submersible pumps with enclosed floats)
7. Pour pails of water in the system inlet to turn the pump on. Ensure that any check valve present will permit the sewage to flow.
8. Observe that the plumbing can pump the sewage safely out of the residence. (Repeat this step monthly)



SAFETY INSTRUCTIONS :

This fine system that you just have purchased is designed from the latest in material and workmanship. Before installation and operation, we recommend the following procedures :

- A** Check with your local electrical and plumbing codes to ensure you comply with the regulations. These codes have been designed with your safety in mind. Be sure you comply with them.
- B** We recommend that a separate circuit be lead from the home electrical distribution panel properly protected with a fuse or a circuit breaker. It is mandatory that a ground fault circuit be used as well as a GFCI electrical outlet. Consult a licensed electrician for all wiring.
- C** The ground terminal on the three prong plugs should never be removed. They are supplied and designed for your protection.
- D** Never make adjustments to any electrical appliance or product with the power connected. Do not only unscrew the fuse or trip the breaker, remove the power plug from the receptacle.

ELECTRICAL CONNECTION :

For pumping systems using more than one pump, each pump needs to be connected to a separate dedicated circuit protected by a fuse or breaker. This way, the power supply of one pump will not stop operating if the fuse of one of the pumps burns or if the breaker of one of the pumps trips.

MATERIAL REQUIRED FOR SEWAGE PUMP APPLICATION :

- Desired length of PVC/ABS/DWV 1 1/4" pipe and fittings, to link up from pump discharge to existing waste or drain pipe, and from vent connector to existing vent line.
- Required quantities of 1 1/2" or 2" PVC/ABS/DWV pipe and fittings to connect drain lines to the unit from sink, bath, shower, etc.
- Check valve model 350362 for drains line.
- Teflon tape and PVC/ABS cement.

TOOLS :

Screwdrivers, hacksaw to cut pipe, knife to assist in pipe cutting, round file to smooth pipe ends, pipe wrench, adjustable wrench, drill bits and drill, etc.

APPLICATIONS :

- This domestic sewage system is designed and suitable for raw sewage applications where the total head requirements do not exceed 35 feet, including pipe friction losses.

• CAPACITY :

10'	1875	US GPH
20'	1635	US GPH
30'	1100	US GPH

Friction loss in pipe not included.

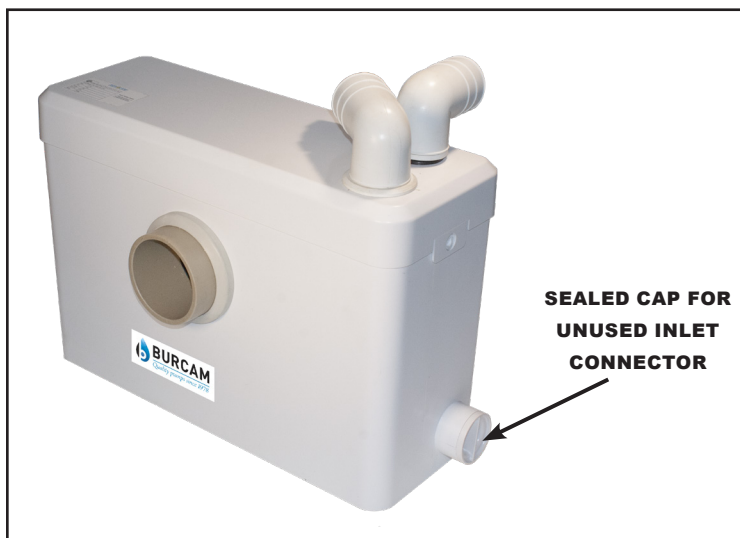
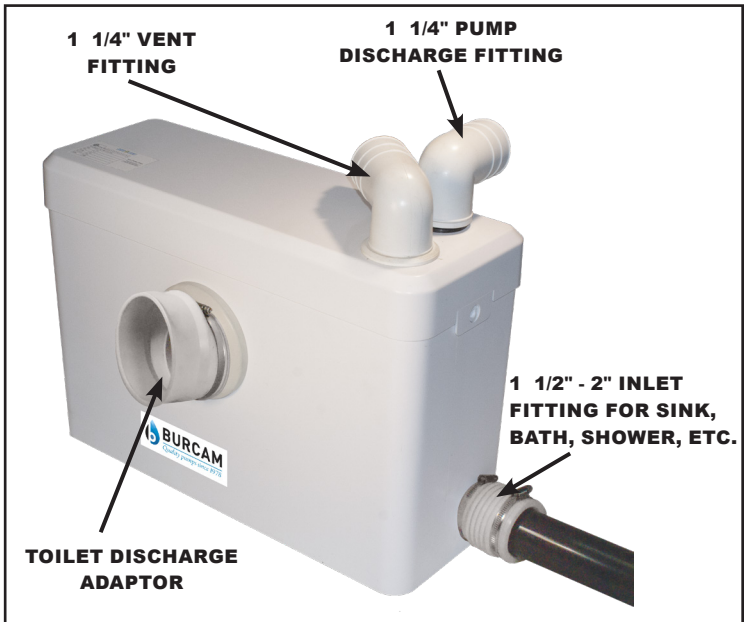
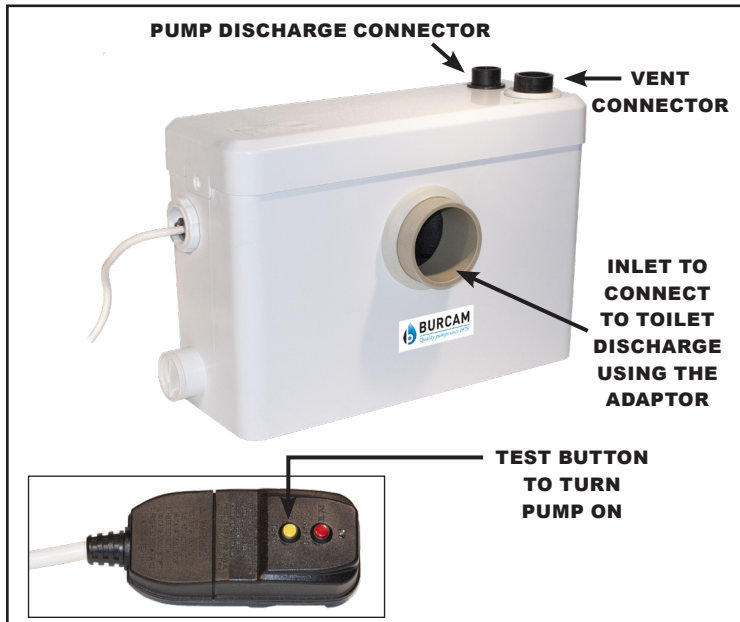
SPECIFICATIONS :

- Grinder impeller system.
- Rugged cast iron pump body.
- Stainless steel mechanical rotary type motor seal.
- 1 1/4" system discharge.
- Thermal and overload protection.
- Vertical type switch, 15A.
- 3/4 HP, 115 V AC, 60 Hz, 7 A (14 A at start).

NOTICE :

This unit has been designed to pump water only. This unit is not designed for applications involving salt water, brine or any other liquids including petroleum products. Use with salt, brine or any other liquids including petroleum products will void the warranty.

PRODUCT DESCRIPTION



IMPORTANT NOTICE:

Pump selection, proper and adequate installation are a must to comply with local by-laws and need to be adhered to.

This system must be installed by a licensed plumber in accordance with local codes.

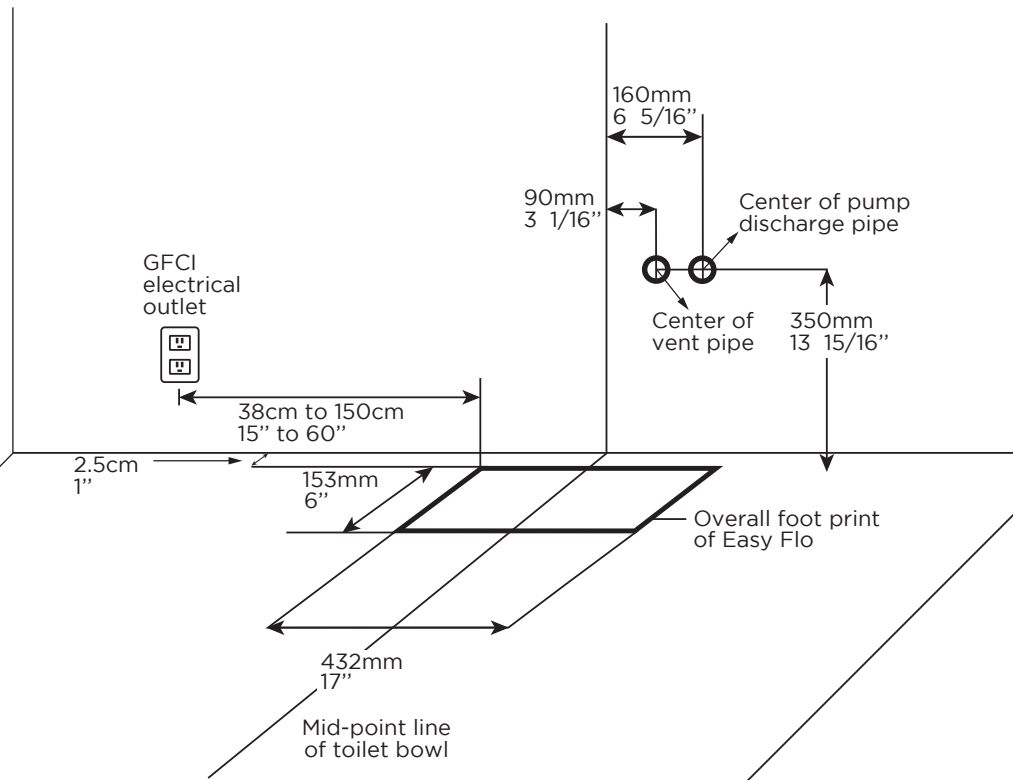
Note that 1 1/4" pipes are required to connect to the vent and pump discharge fittings. However, after passing through the wall, you can connect to a larger pipe size like 1 1/2" or 2" if it is more convenient for you.

- STEP 1** Determine the position of your toilet bowl and mark the mid-point line of the toilet bowl on the floor and wall (see the typical installation schematic on page 4).
- STEP 2** Make sure you have a GFCI electrical outlet at the proper place to connect the system. (see the typical installation schematic on page 4).
- STEP 3** Using the typical installation schematic on page 4, identify the position of the vent and pump discharge pipes on the wall and prepare your wall plumbing accordingly.
- STEP 4** Install the unit at the appropriate place (see the foot print on typical installation schematic on page 4) and install the vent and pump discharge fittings with piping to connect to the wall plumbing.

TYPICAL INSTALLATION SCHEMATIC

Vent connection :

Use a 45° elbow to align perpendicular to the back wall (not included).



STEP 5

Using the bottom side inlets, connect the appropriate 1 1/2" or 2" (sink, bath or shower, washing machine, etc.) drainage pipings. However, if you do not use one or both of these inlets, keep the supplied cap to seal the inlet and prevent leakage.

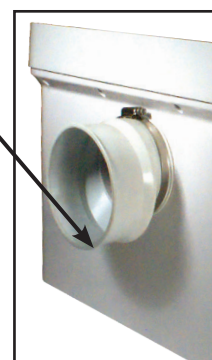


STEP 6

Attach the toilet discharge adaptor to the Easy Flo then fix the toilet to this adaptor. Complete all your plumbing (inlet to toilet, pump discharge and vent lines) and verify that all the clamps are tight to prevent any leaks.



Rotate the adaptor to fit the level of your toilet outlet



TROUBLE SHOOTING GUIDE CHECKLIST:

NEVER MAKE ADJUSTMENTS TO ANY ELECTRICAL APPLIANCE OR PRODUCT WITH THE POWER CONNECTED. DON'T JUST UNSCREW THE FUSE OR TRIP THE BREAKER, REMOVE THE POWER FROM THE RECEPTACLE.

TROUBLE:

PROBABLE CAUSE:

ACTION:

Motor does not run.

Switch is in 'OFF' position
Blown fuse
Tripped breaker
Disconnected plug
Corroded plug
Float stuck
Defective switch
Defective motor

Turn switch to 'ON' position
Replace
Reset
Re-install
Clean
Check movement
Replace
Replace

Motor runs but no water is delivered.

Improper voltage
Pump may be airlocked
Pump discharge head too high
Clogged inlet/impeller

Check voltage
Check drilled hole in discharge pipe
Wrong pump selection (over 35')
Clean

Pump does not deliver to full capacity.

Improper voltage
Pump may be airlocked
Pump discharge head too high
Clogged inlet/impeller

Check voltage
Check drilled hole in discharge pipe
Wrong pump selection (over 35')
Clean

Pump does not shut off.

Defective switch
Missing check valve
Clogged check valve in open position
Float obstruction

Replace
Install valve
Clean debris

Check for movement

TO THE END CONSUMER

If you have any problems with the product, before advising the store, where you've purchased the pump, please contact us at **514 337-4415**, and ask for our sales department, and they will be pleased to help you with any questions you might have, concerning your installation.