

## InVade Drain Dose System Instructions

1. The pump unit requires standard grounded 110-120V electricity. Locate a position to mount the pump unit and to place the bucket. Note that the tubing going from the bucket to the pump and from the pump to the drain can be up to 15 feet long each if needed - there is no need to locate the unit or the bucket right next to the drain. Secure the pump unit to the wall using the screw holes provided.
2. The direction of flow is indicated on the front of the pump unit. Make sure that the pump is drawing liquid FROM the bucket and dispensing TO the drain!!
3. Cut the provided clear tubing to the desired lengths for the input and output sides. Use the fittings provided to attach the tubing to the two ends of the tube on the pump unit. No hose clamps should be needed with the type of hose barb fittings provided, but can be used if desired.
4. Just before plugging in the unit, the timer needs to be set. Remove the 4 screws which hold on the grey cover of the pump chassis box and lay it carefully to one side (the cover will be connected on the inside of the chassis with wiring, which should not be removed).
5. Each white pin is a 15 minute increment. All the pins need to be flipped to the OUTSIDE position, except for ONE pin which should be flipped to the INSIDE at the desired time for the pump to dispense (typically at night after the clean-up has been done). Make note of the a.m. and p.m. on the dial when setting the pin.
6. Note the current time of day and turn the outside (black) edge of the dial until the arrow on the inner dial lines up with the current hour. Then manually turn the minute hand to the current minute. Carefully replace the chassis cover. Plug in the unit.
7. When the pump is plugged in, it should NOT come on except for the specific 15 minute increment chosen by setting the pin. The basic system is designed to come on for 15 minutes in each 24-hour period, which will dispense about 4 1/2 gallons of total liquid over 90 days. Custom applications may need more doses in a 24 hour period. Additional dosing can be automated by simply flipping additional pins to the inside position at the desired time(s). Again, one pin will cause the pump to come on for one 15-minute increment. If the system is set so that the pump comes on for more than one 15-minute increment in a 24-hour period, this will affect how long one bucket full of InVade Bio Remediation will last.
8. Add the appropriate amount of InVade Bio Remediation to the bucket depending on the trap size (see the InVade Bio Remediation label) then fill the bucket up to about 4 1/2 gallons total with water (the bucket is a 5 gallon bucket).
9. Put the intake tube into the bucket, either through the spout, or by drilling a small hole in the cover and put the output tube into the drain.
10. Feel free to call us with any questions or problems!  
Toll Free: 866 788 4101  
Email: [sales@rockwelllabs.com](mailto:sales@rockwelllabs.com)