



# PROLITEC

PERFECTLY SCENTED ENVIRONMENTS

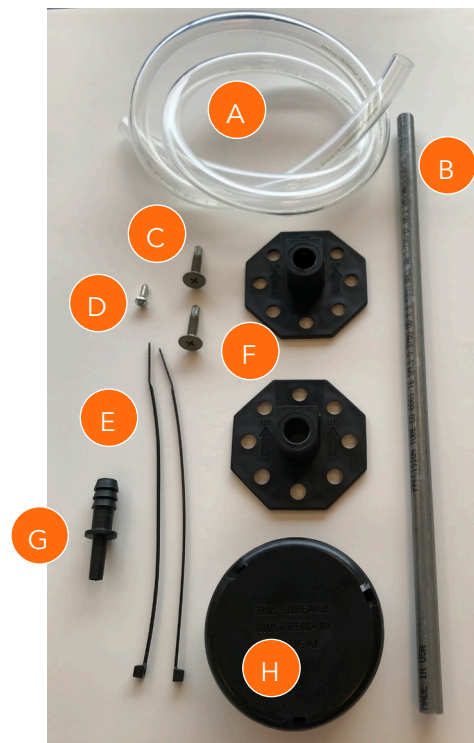
## UNIVERSAL HVAC

### field assembly & installation

#### KITHVAC Components

A	INJECTOR TUBING	36"
B	ALUMINUM TUBE	1 ea
C	SELF DRILLING SCREW	2 ea
D	SET SCREW	1 ea
E	ZIP TIE (colors may vary)	2 ea
F	INJECTOR MOUNT	2 ea
G	CARTRIDGE ADAPTER	1 ea
H	SENSOR COVER	1 ea

Note: not all parts are used in all installations.



**AIRQ**  
BY PROLITEC

Original Instructions

Rev. 2019-10-01

## Recommended Tools

1. 3/8" Electric Drill
2. Step Drill Bit 1/8" – 1/2" + capacity
3. #2 Phillips Screwdriver
4. #2 Phillips Screwdriver Bit (for use with Electric Drill)
5. Tubing Cutter w/ Deburring Tool (capacity to cut 3/8" Aluminum tube)
6. Diagonal Cutter
7. Torpedo Level
8. Tape Measure

## Installing the HVAC Kit

1. Identify the best location for fragrance injection. **Ensure that no obstacles will interfere with this installation before proceeding.** Using a step-drill, drill a hole into the HVAC system to create an injection port that is slightly larger than 3/8" diameter:



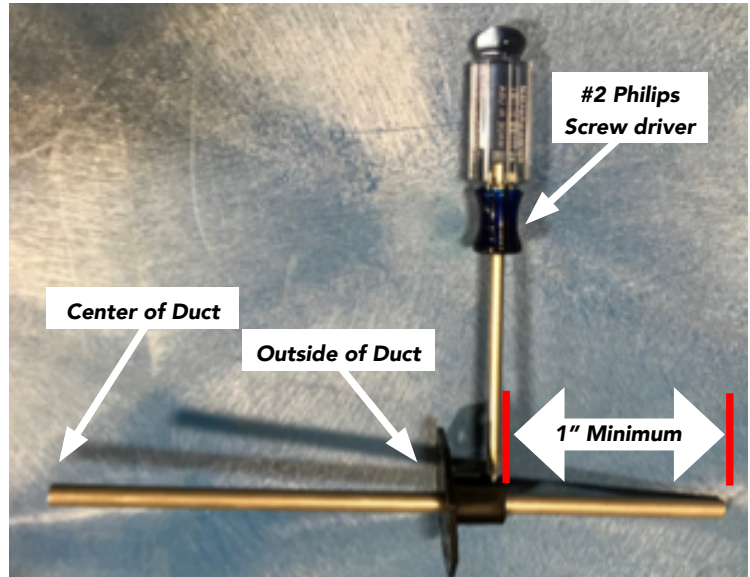
2. While securely holding the Aluminum tube, check the fit to the hole – it should pass freely into the injection port with a minimum gap:



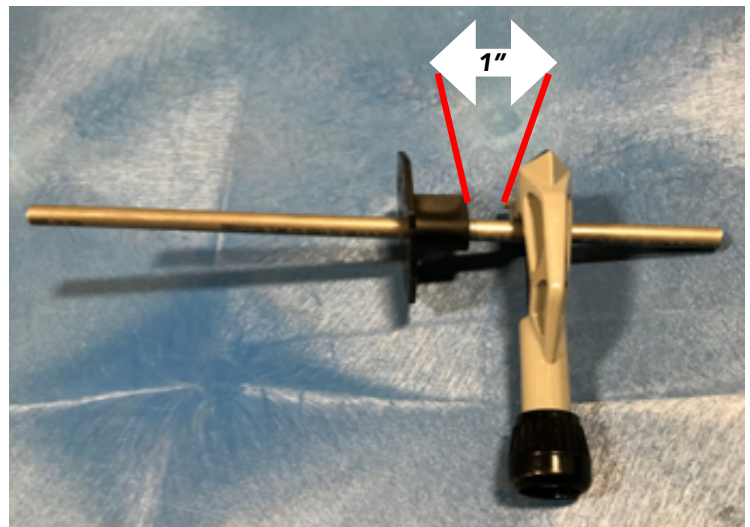
3. **Start** the set screw into the injector mount as shown. Do not allow the screw to poke through into the center at this time:



4. Insert the Aluminum tube into the center hole of the injector mount as shown. Using a tape measure, set the length to reach to the center of the duct, or leave at least 1" of tube exposed as shown. Gently tighten the set screw as needed to positively maintain the position of the Aluminum tube:



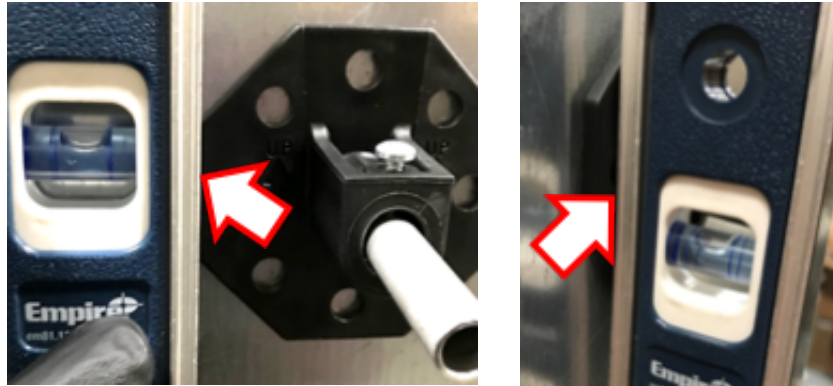
5. If necessary, cut off any excess Aluminum tubing using a tubing cutter. Cut the Aluminum tube to ensure that 1" of tube is left exposed:



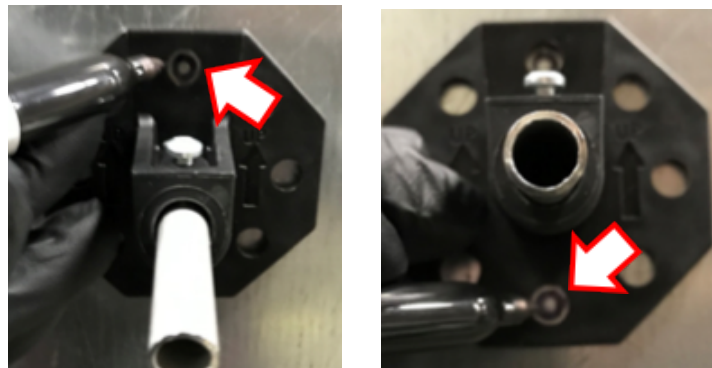
6. If you cut the tube, deburr the Inside Diameter (ID) of the Aluminum tube, then clean out any debris from the inside of the tube:



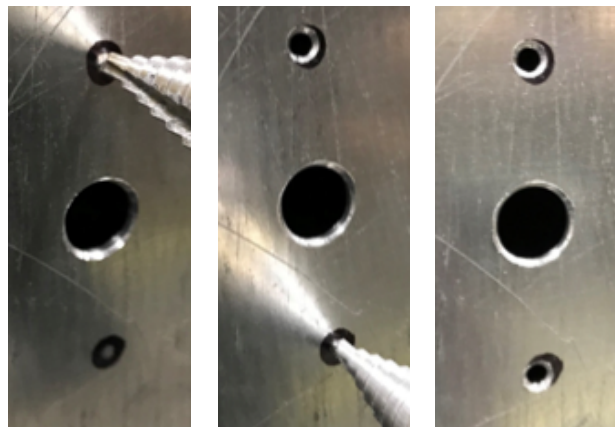
7. Insert the injection assembly through the injection port, until it meets the duct. While using a level, ensure that the 'UP' arrows are pointing vertically up as shown. Note: the vertical orientation of these planes is important to help prevent condensation from draining into the HVAC system



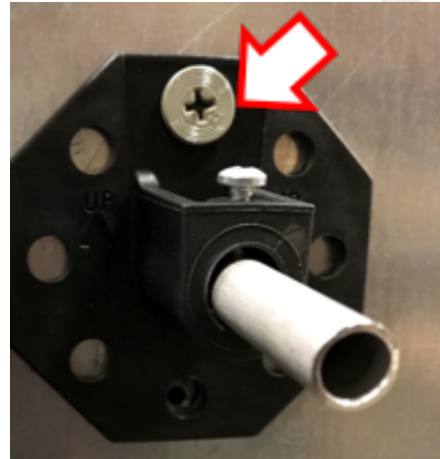
8. Mark the (2) mounting holes that you will use to mount the injection assembly:



9. Remove the injection assembly and pilot drill the marked mounting holes with a 1/8" diameter drill:



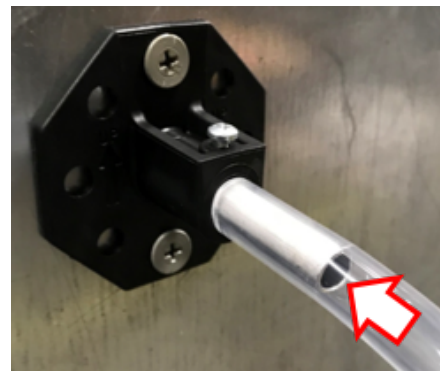
10. Attach the injection assembly to the duct with the top self-drilling screw, tightening the self-drilling screw to hold the injection assembly in position as needed.



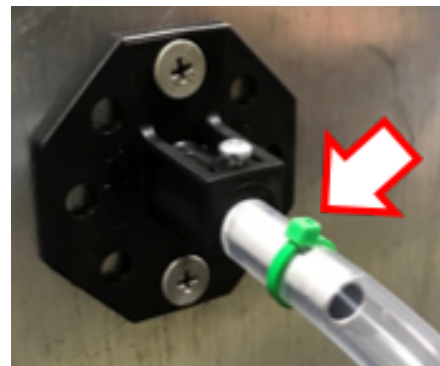
11. Secure the injection assembly to the HVAC system with the second self-drilling screw.



12. Attach the injector tubing to the injection assembly.

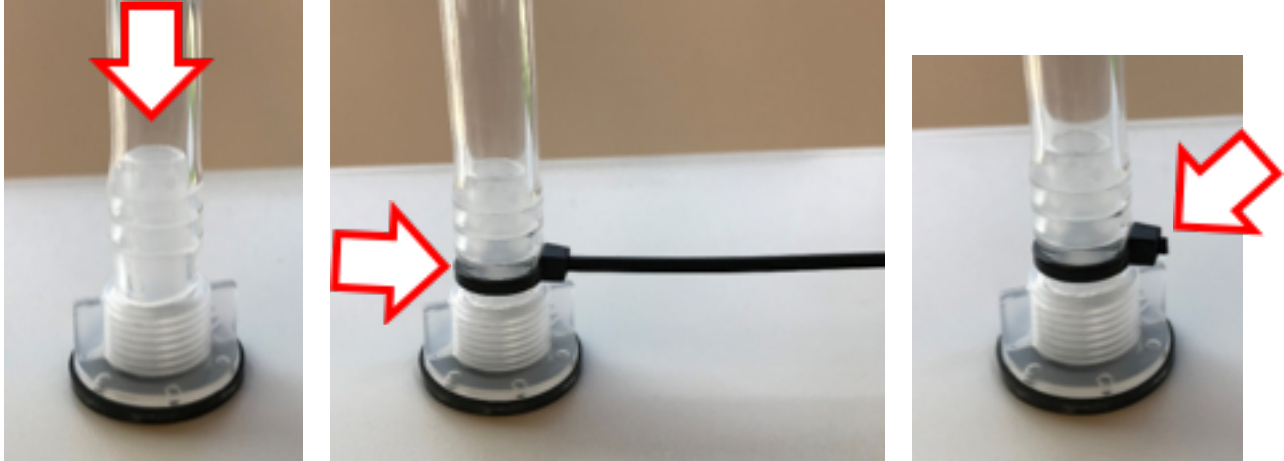


13. Secure the tube with a zip tie at the midpoint of the Aluminum tube. Tighten the zip tie as needed to secure the tubing in place, and cut off the excess zip tie to complete the injector installation.



## Connecting to an AQ1280

Cut tube to the desired length and connect to the appliance. Secure it with a zip tie.



## Connecting to an AQ580

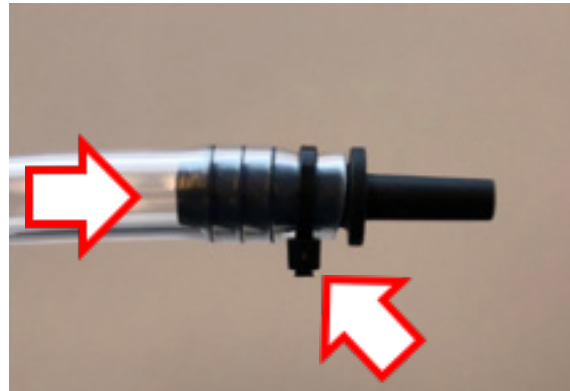
1. Fully insert the cartridge adaptor into the top plume port of the cartridge.



2. Mark the tube for the correct cut length – the tube should freely fall to the flange on the adaptor.



3. Cut the tube to the proper length, then push over the barbs until the tube contacts the flange of the adaptor. Secure with a zip tie.



4. Cut off the excess zip tie, then fully press the adaptor into the top plume port of the cartridge to complete the appliance connection.



*Note: if installing an HVAC SENSOR, proceed to the UNIVERSAL HVAC SENSOR instructions.*