

## MATERIALS PROVIDED FOR INSTALLATION

- 1.) Section of 12" flex duct. You will need 3' to 6' for most installations. (8' provided)
- 2.) Section of 10" flex duct. You will need 6" to 24" for most installations. (4' provided)
- 3.) 12" collar with scoop for connection to return air duct. (provided)
- 4.) 10" collar for connection to fan return side of HVAC unit. (provided)
- 5.) Sheet metal screws (8), screw clamps (4) and silver tape. (provided)



## INSTALLATION OF THE DUCTING

In most instances the return air ducting will be either rectangular sheet metal or ductboard. If the ducting is a different material or shape contact our office for more information 1 800 869-8025. There should be a minimum of four feet of ductwork between the two collars you are attaching. Select the proper location for the attachment of the 12" inlet duct with scoop.



- STEP 1.** Carefully cut a 12" diameter hole in the return air duct. Use the 12" collar as a guide to mark your cut. If the return duct is metal you will need to use tin snips to cut the hole. If the return duct is ductboard, use a utility knife to cut the opening.



STEP 2. Attach the 12” adhesive collar (large collar with scoop) to the opening by peeling off the backing and placing over the hole you just cut. **Be sure the scoop is placed on the downstream side of the return so as to direct the airflow into the inlet duct of the air filtration unit.** For metal ductwork, secure the collar in place with the adhesive backing and by using four sheet metal screws. For ductboard the collar will stay in place using just the adhesive backing.



STEP 3. You should cut the flex duct to a length so it is fully extended, do **NOT** install in the compressed state or use excess lengths. You should also avoid bending the flex duct across sharp corners and avoid incidental contact with metal fixtures, pipes or conduits.



STEP 4. Use the screw clamps to attach the 12" flex duct to the collar and to the intake side of the Pure Air Systems' air filtration unit. Use the enclosed silver tape to secure the sections to the collars on the inlet of the unit and the air return. Make sure there are no air leaks.



STEP 5. Repeat this same procedure for the 10" discharge duct. The location of the 10" collar should be in the return ductwork close to where it connects to the furnace. Make sure all connections are tight and taped.

