

# DUCT CLEANING SYSTEM



- 1) First turn off furnace/air conditioning system and close all HVAC vents. Cut an opening (using rotozip saw or similar (**see item C**))(suggest 8" dia.) in the duct work for flexible shaft (with poly brush) to enter and DCM-2230 (vacuum) or similar.
- 2) Before you attach the DCM-2230 to the ductwork, block the return at the furnace and all registers.
  - a) To block the return at the furnace, simply remove the HVAC filters and wrap them in plastic bags or sheets, or use bladder bags (**see item D**). To use bladder bag, have an opening large enough to insert deflated bag. Check for sharp objects or screws that can damage bladder. Loosen rubber band at end and remove. Use light air pressure to inflate bag so it blocks duct. Use rubber band on end to close/seal bladder. (To remove: deflate completely and remove bag)
  - b) To block registers, close them or seal with light plastic sheets (vacuum will seal the plastic to the surface)
- 3) Connect duct brush to flexible shaft and tighten locknut so brush does not come out or loosen from shaft. Connect flexible shaft to machine (**see item B**). Connect compressor to DCM500 fitting and turn on compressor ( Max. 150psi.). Check for leaks. Plug GFI head from DCM500 into electrical outlet and press reset button to activate. Connect DCM-2230 to duct work and turn on. Insert flexible shaft into cutout of duct (**see item A**). Make sure compressor is on to DCM-500 and turn handswitch to forward rotation. Compressed air will come out of the flexible shaft and brush will rotate clockwise cleaning the right side of the duct work. Hand feed flexible shaft until it reaches vacuum source (**it is recommended to clean 25' of duct at a time**). To clean the left side switch the handswitch to reverse (counter clockwise rotation) and slowly retract flexible shaft.
- 4) Once ductwork is cleaned, seal all cutout openings with covering plate and sealant.

