INSTRUCTIONS
FOR
SOLID CORE ROTARY BRUSH CABLE SYSTEM

PARTS LIST/DESCRIPTION

The system comes with 7 brush heads as follows:

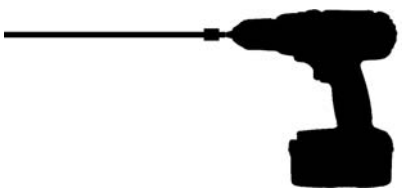
1) 8", 12" and 18" Silica Carbide brushes (silver brush media), which should NOT be used on insulated duct or flex duct.
2) 4", 8", 12" and 18" Nylon brushes (black soft brush media). These brushes can be used on most air ducts provided the ductwork is in good condition.
3) Cables are available in 7', 20', 33', or 66' lengths.
4) Drill adaptor end of cable. This smooth end fits into your 3/8" drill.
5) Brush end of cable. This male push button end accepts the cleaning brushes.

ASSEMBLY

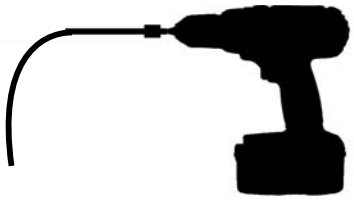
1) Select the appropriate brush head and snap it onto the brush end of the cable.
2) Insert the drill adaptor end of the cable into your 3/8" cordless drill with clutch (preferably an 18V drill) and tighten the drill chuck.
3) Cable is ready for cleaning.

OPERATION

1) Before cleaning it is extremely important to identify and locate any obstruction in the ductwork, such as dampers, cross supports, etc., so you don't run into these obstacles with the brush and cable.
2) When cleaning, control the cordless drill with one hand, hold and feed the cable with your other hand. Due to the extremely flexible nature of the cable (especially with the 25' cable), it may be necessary to have a second person help guide/hold the cable to prevent the cable from flipping around outside of the duct.
3) Running the drill in the forward/clockwise mode will clean the right hand side and the corners of the duct. Reverse/counter clockwise mode will clean the left hand side and corners of the duct.
4) Do not operate the drill fast (never over 1500 RPM's). To prolong the life of the cable, spin the brush at the lowest possible speed (around 750 RPM's). This is also the most effective cleaning speed.
5) It is recommended that you always use a 3/8" 18V cordless drill with a clutch. This will extend the life of the cable.
6) When operating the cable, make sure the first 18 inches of the drill end of the cable is straight (see illustration below). This will reduce friction and wear on the inner cable against the metal outside casing bushings and greatly extend the life of the cable system.
7) ALWAYS WEAR PROPER EYE PROTECTION when using The Rotary Brush System.
8) Following the above operating instructions will give you the maximum life and cleaning performance from your Rotary Brush System.



Right Way



Wrong Way

INSTRUCTIONS
FOR
REPAIRING SOLID CORE BRUSH SYSTEM

REPLACING THE INNER CORE

- When the inner core breaks, lay the solid core out flat from end to end.
- Using a 1/8” Allen head wrench, loosen the set screws on both the drill adapter and brush adapter ends. Remove ends from the inner core.
- Remove broken core from both ends.
- With outer casing still lying flat, insert new inner core. There will be excess wire on both ends.
- Place the brush adapter end on one side of the inner core, and tighten the set screws. Now push the brush adapter so it seats up tight to the solid core busing.
- Place the drill adapter end on the inner core, and slide it up until it seats up against the solid core bushing. Tighten the set screws.
- Using bolt cutters or a hack saw, trim the excess wire from the end of the drill adapter.