New HA33 Turbine Installtion Instructions

Parts List

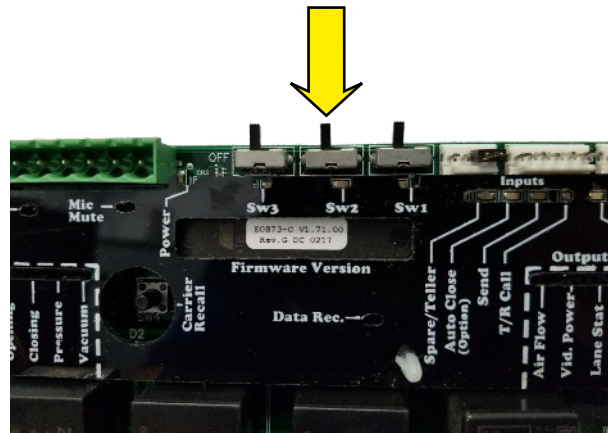| Part Number	Description	Quantity
33PT-005	Turbine Connector Plate	8
B10531	New Composite Remote Turbine Assembly	4
B5560	Control Box, Composite HA33 Turbine	1
B2940	3" Flexhaust Hose	12 FT
H1074	Hose Clamp, 2-1/2" X 3-1/2"	8
B6004	4" flexhaust Hose	12 FT
B6018	4" Hose Clamp	4

- Run two 120 VAC 30 Amp circuits to the turbine location in the canopy.

- Connect power to the terminal strip on the turbine control box.

  - Connect both grounds and neutrals to the corresponding terminals. Both circuits will share the ground and neutral locations on the terminal strip.

  - Connect the two Hot wires separately to the corresponding terminals.

- Run a 3-conductor interconnect cable from the HA33 customer unit to the turbine control box in the canopy.

  - Connect the wires to the designated terminals on the control box.

  - Connect the other end to the 3-position Phoenix connector on the control panel in the HA33 customer unit.
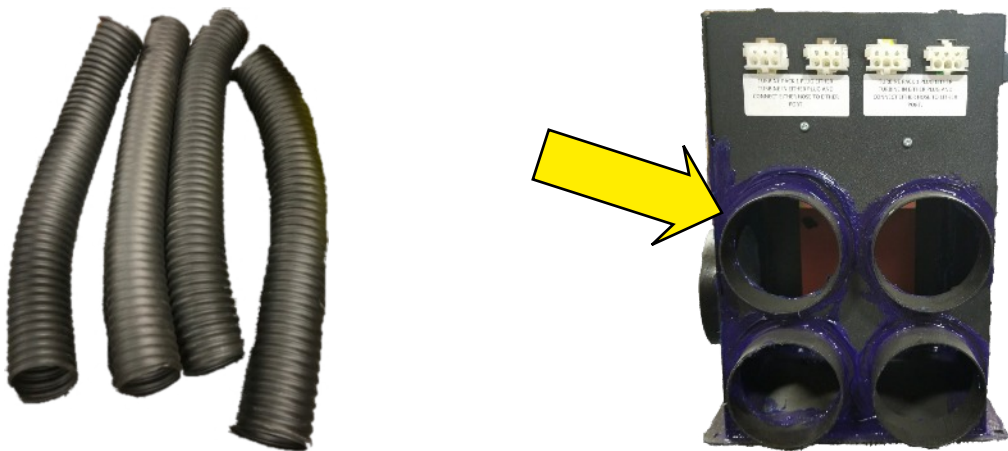

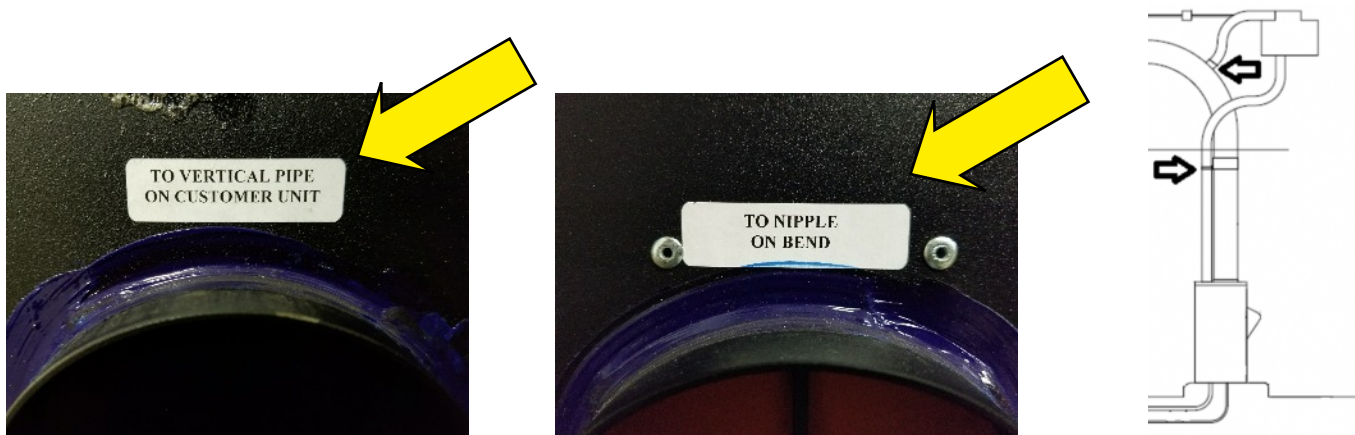- **Make sure Switch 2 is OFF on the I/O board in the HA33 customer unit.**

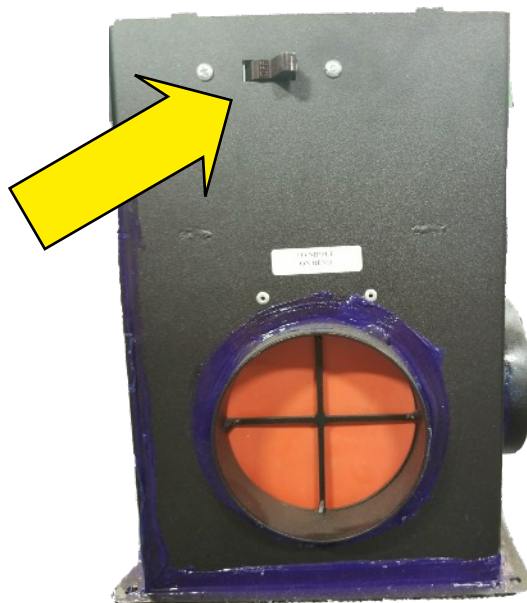● Connect the blower packs to the control box using the included pigtails.

● Cut the 3" flex hose to the desired lengths. Will need a total of 4 hoses.

  ● Once cut, connect one end to the turbine and one end to the control box using the supplied hose clamps. Do this for all turbine packs.

● Cut the 4" hose to desired lengths. Will need a total of 2 hoses.

  ● For the first hose, connect one end to the vertical pipe on the customer unit and the other end to the marked location on the control box using the supplied hose clamps.

  ● For the second hose, connect one end to the nipple on the bend on the customer side and the other end to the marked location on the control box using the supplied hose clamps.

  ● Please see picture below for an overall picture of the setup for the 4" hoses.

TO VERTICAL PIPE ON CUSTOMER UNIT

TO NIPPLE ON BEND

● Turn the power switch "ON" to apply power to the control box. Turn on the HA33 units and test the system.