

PLUMBING

Continuous Ring

Install 2" PVC from blower location to the Airbar ring. Reduce the 2" pipe to a 1" riser. The Airbar can be installed as a closed loop (octagon, square or rectangle).

Hartford Loop

Always install a Hartford loop above the waterline and as close as possible to the Airbar ring.

Straight Line

On a straight Airbar 7' or less, feed the air into either end. Use a 1" piece of pipe and a coupling adaptor #004-852-9300-00 for the air feed connection. An Airbar cap #004-852-8000-01 is used to cap the open end of the Airbar.

When Installed On Slopes

Keep the Airbar level across the slope. Do not install the Airbar where one end is higher than the other. To connect lengths of Airbar together, use a 2" length of 1" PVC pipe as an inside coupler in addition to the coupling adaptor part #004-852-9300-00. See sizing chart for blower below but always follow manufacturer's recommendations of appropriate size blower for best results.

Requirements for the Airbar

- Hole spacing 3" apart
- Use 3/16" (.188 mm) holes only
- Airbar must be installed horizontal and level
- Up to 7' in length use 1hp blower
- 7' to 14' in length use 2hp blower
- Any configuration shorter than 4' is not advised
- Any configuration longer than 14' (56 holes) will require a separate blower system*
- Max depth is 42"*
- It is not recommended to put the Airbar on a wall. Instead it should be on a bench or step at least 10" from the wall to reduce water movement over the tile line which could undermine the deck
- Airbar can be installed as a closed loop (octagon or square) or straight pipe



airbar

Install Manual



45° Fitting
004-852-7000-XX



90° Fitting
004-852-9000-XX



Tee Fitting
004-852-9100-XX



Cap
004-852-8000-01



Air Hole Plug
004-852-9400-00



Coupling Adaptor
004-852-9300-00

Installation example:

- Using the chart, use run length between 7' and 14' and depth between 19" and 32". With this information, the range of number of holes acceptable is 29-56.
- Using the recommended 3" spacing (4 holes per foot) = 12' x 4 holes/ft = 48 holes.

Run Length	up to 18"	19" to 32"	33" to 42"	Blower Size
4' - 7' length	16-56 holes	20-56 holes	24-56 holes	1hp
7' - 14' length	29-56 holes	29-56 holes	29-56 holes	2hp
Recommended number of holes				

*Commercial blowers can exceed these limitations

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