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









45° Fitting 004-852-7000-XX

ng 90° Fitting 00-XX 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 | up to | 19" to | 33" to | Blower |
|----------|-----------------------------|--------|--------|--------|
| Length | 18" | 32" | 42" | Size |
| 4' - 7' | 16-56 | 20-56 | 24-56 | 1hp |
| length | holes | holes | holes | |
| 7' - 14' | 29-56 | 29-56 | 29-56 | 2hp |
| length | holes | holes | holes | |
| | Recommended number of holes | | | |

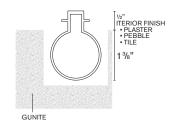
^{*}Commercial blowers can exceed these limitations

004-027-8831-00 REV012116



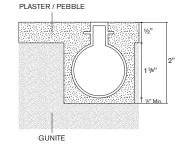
During Gunite / Shotcrete

Notch gunite/shotcrete a minimum $2" \times 2""$. Install Airbar with the top of surface leveled $\frac{1}{2}"$ above gunite/shotcrete.



During Plaster / PebbleOption 1

Drill 3/16" holes 3" apart before plaster and cover with ½" wide tape over the top of the Airbar. Make sure to force the finish around and under the Airbar channel and water barriers. Remove the tape after the finish is done.



Option 2

Install interior finish flush with the top of the Airbar. Make sure to force the finish around and under the Airbar channel and water barriers. After finish is done and the pool is acid washed / sanded, drill 3/16" holes 3" apart before filling.

