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SYSTEM INSTALLATION GUIDE

BLOWER - AIR JETS

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Bill of Materials:

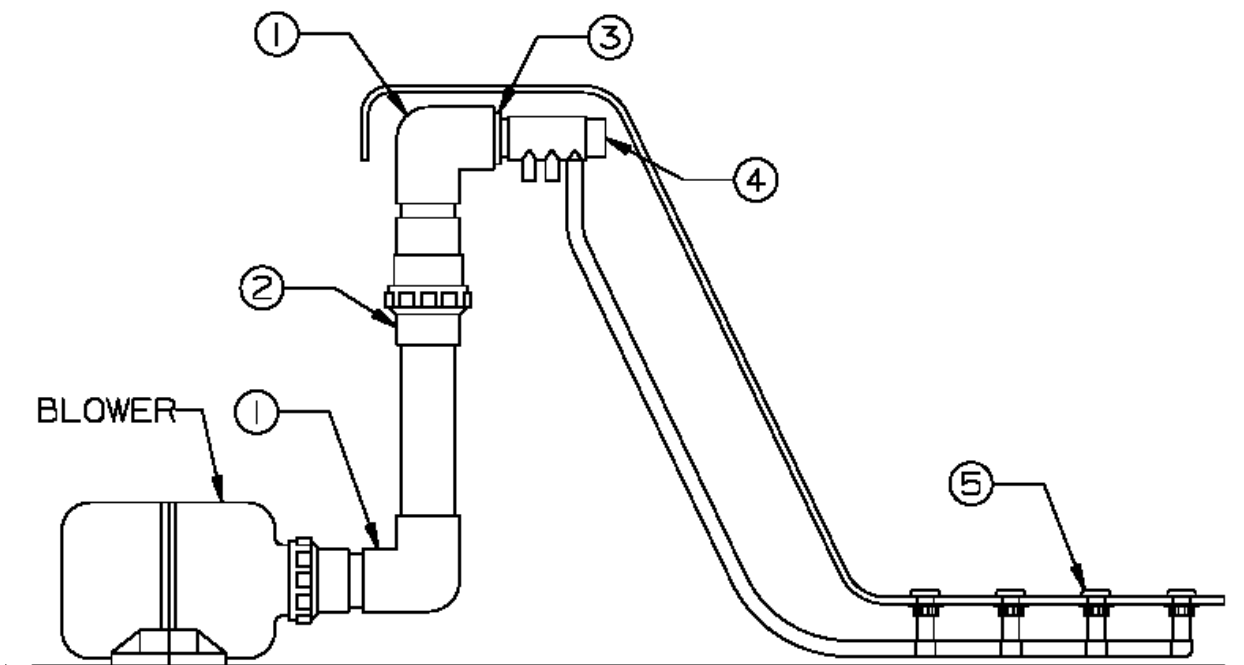
The complete system requires a Plumbing Kit, Blower, and Control. The Plumbing Kit items are listed below:

ITEM #	PART #	DESCRIPTION	QTY	HOLE SAW
1	406015	ELBOW, 1-1/2", 90 DEG, PVC	2	
2	CV150	CHECK VALVE, 1-1/2", 1/4LB	1	
3	437211	BUSHING, 1-1/2" X 1", PVC	1	
4	300101	MANIFOLD 1" X (6) 3/8"	1	
5	AI1-xx	AIR INJECTOR, 1" (color)	16	5/8"
6	AB-xx	AIR BUTTON, (color)	1	1-3/8"
7	500105	TUBING, AIR SWITCH, 1/8" X 1/4" X 66"	1	

NOTES:

1. Above items included in Plumbing Kit KA16-XX (Replace "XX" with color code)
2. Air Button and Tubing (Item #6 and 7) - The Air Button is not shown in the drawing below. Mount the Air Button in a comfortably accessible location for the Bather and attach the tubing to the Air Button and the Control or Blower as appropriate.

Installation Sketch:



Installation Guidelines:

BLOWER TO MANIFOLD PIPING

- Install the check valve in the 1-1/2 inch line just below the second elbow from the blower as shown in the installation sketch.
- The second elbow and manifold should be installed above the overflow, as close to the underside of the tub deck as possible.
- Each line off the manifold can feed up to four air injectors. For longer runs, the number can be reduced to one to three.
- For best performance, all six outlets of the manifold should be used to feed injectors (to reduce overall back pressure). Two plugs are provided with the manifold if the configuration does not allow for all six outlets to be used.

AIR INJECTOR INSTALLATION

- Mark the air injector locations and drill 5/8" holes for mounting.
- The air injectors may be mounted vertically or just below horizontal in the radius between the tub side wall and floor.
- Apply a thin coating of silicone on the air injector flange, and a larger bead on the back side of the tub to seal the injector.
- Install the air injector nut hand tight onto the air injector body.
- The air injector body contains an o-ring where it accepts the elbow or tee fitting - make certain it is in place before installing the fitting.
- Push an elbow or tee fitting as appropriate on to the air injector body until it clicks into place.
- Once installed, the elbow or tee fitting can be rotated for proper alignment.
- Plumb the air injector groups together and to the manifold using PVC glue and 3/8" PVC tubing.
- Use tie-wraps to bundle adjacent tubes together to reduce sagging and clean-up installation.

CONTROL INSTALLATION

- Mark and drill a 1-3/8" hole for the air button in a location comfortably accessible to the Bather. Place a thin coating of silicone on the flange of the button and assemble to the tub hand tight.
- Connect the air switch tubing from the button to the inlet on the blower or control box.
- If the control box is used, plug the blower power cord into the control box, and the control box into the power receptacle.

TUB INSTALLATION

- The air injectors are not rated to support the weight of the bathtub. The tub must have structural support to avoid damage to the air injectors and supply piping.