

Installation

MODEL RBT

ETL Sanitation Listed

NOTE: NSF Sanitation certified for up to 7 ft. high openings. The air curtain should be mounted as close to the door header/opening as possible for maximum performance. For every one inch the bottom of the air curtain is mounted above the door header, the back side of the air curtain should be moved away from the wall 1/2 inch.



WALL MOUNT -- Back side of air curtain has 4 mounting holes capable of accepting four 3/8 mounting bolts or lags, with washers (use these holes only for mounting). Mark and pre-drill mounting surface accurately. A long extension and ratchet will negate the need to remove the motor-blower plate when installing.

Mounting bolts or lags of sufficient size and strength should be installed and tightened through the four 7/8 inch holes in motor/blower plate.

If motor/blower plate has to be removed, the junction box inside the unit must be removed along with any electrical switches that may be in the way.

The electrical switches have a lever that slides in one direction to release the switch contacts from the switch body. All wires will then stay intact for easy installation when replacing the blower plate.

Remove 7/16 whizlock nuts holding plate in place, and slide plate out, rotating top portion of plate so it comes out first. Remember when installing plate to put bottom of plate in first and rotate top in last.



BRACKETS -- Mounting brackets (also called knee, angle or L-brackets) can be flush to the wall or constructed to account for a projection from the wall. For proper size brackets measure standoff distance from wall to back of where air curtain will be.

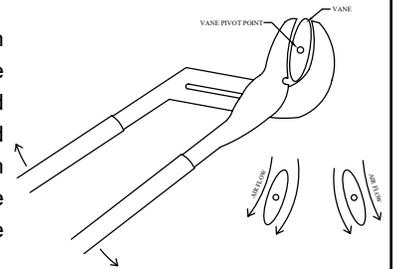
* Threaded rod is by others



THREADED ROD (by others) -- Unit has four 3/8-16 threaded inserts for installing one end of threaded rods. The other ends of the threaded rods can be attached to the ceiling. Threaded rod should not extend more than 3/4 inch into air curtain.

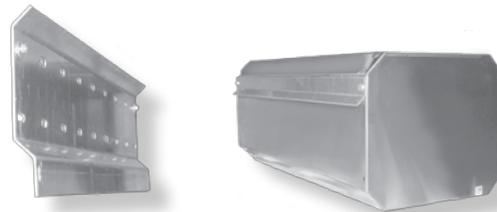
Air Directional Adjustment:

The air curtain comes equipped with a steering vane in the discharge to allow for the outward adjustment of the discharge air direction. To adjust, first wrap a rag around the vane so it is not scratched. Grip the vane near the end on one side with a pair of channel locks and rotate it in the direction that you want the air to flow. Repeat for the other side. Periodic cleaning of the steering vane may be required. To clean it just wipe it down with a damp rag.



MB123 QUICK MOUNTING PLATE

When mounted, bottom of air curtain is to be flush with the bottom of the door header.



Step 1: Attach top mounting bracket to back of air curtain using the upper mounting holes on back of unit.

Step 2: Attach the mounting bracket to the wall. Make sure there is sufficient room between mounting plate and ceiling to mount air curtain.

Step 3: (a) Place air curtain over mounting bracket.

(b) The top and bottom brackets will lock into place supporting the weight of the air curtain.

(c) Attach the bottom bracket to the air curtain using the lower mounting holes.

