

► UVC & UVC-E | INSTALLATION

NOTE: 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.

A 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.

B WALL MOUNT EXTENSION PLATES

Extension plates bolt onto the back of the unit, utilizing the 4 original mounting holes. Brackets have elongated mounting slots that extend the mounting width by 2-1/2 to 3-1/2 inches.

C BRACKETS

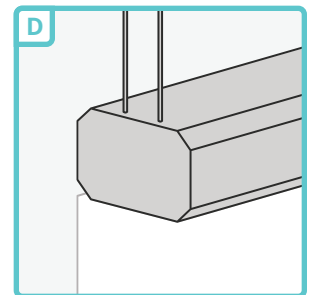
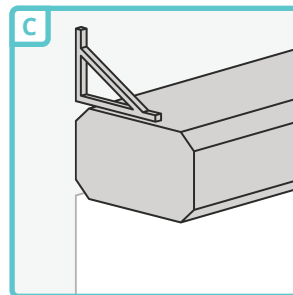
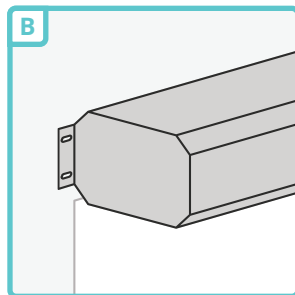
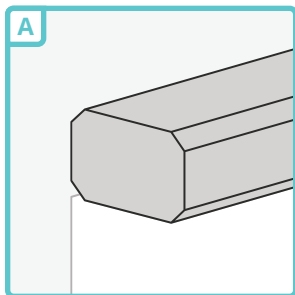
Mounting brackets (also called knee, angle or L-brackets) can be flush to the wall or constructed to account for a projection from the wall. For proper size brackets measure standoff distance from wall to back of where air curtain will be.

D TOP MOUNT

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.

! IMPORTANT INSTALLATION STEPS FOR UVC-AIRE

1. UNIT SHOULD BE POWERED OFF BEFORE EMITTERS ARE INSTALLED. AVOID ANY DIRECT EXPOSURE TO EMITTERS.
2. Emitters are shipped separately to reduce chance of damage. They should be opened and installed last. Gloves must always be worn when handling emitters.
3. Triangular "shields" are installed over emitters. These shields must be removed and reinstalled after emitters have been plugged into socket.
4. The emitters and sockets have arrows that will align when connecting.
5. Before powering unit, be sure that emitters, shields, filter and screen are installed.
6. Visually inspect unit for any gaps where light may escape from unit. Apply supplied silicone to cover gaps. This should also be done after unit is powered. Any visible gaps will require unit to be powered off, reopened and have gaps sealed.
7. Do not stand within 12" of unit while in use.



MB123 QUICK MOUNTING PLATE

Optional Installation (See page 230 for more detail)

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

Place air curtain over mounting bracket. The top and bottom brackets will lock into place supporting the weight of the air curtain. Attach the bottom bracket to the air curtain using the lower mounting holes.



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

