



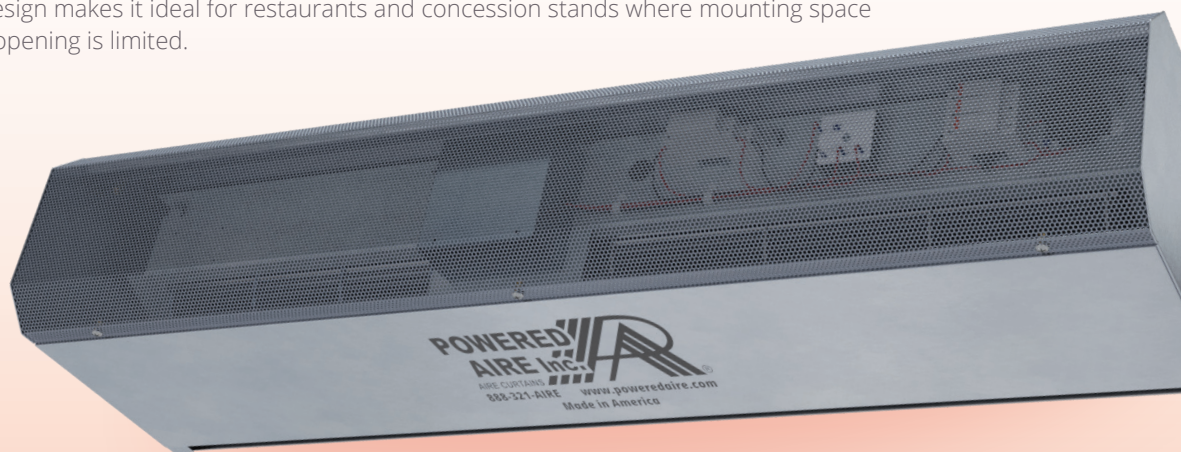
RMP



NSF-37 CERTIFIED

ETL SANITATION LISTED

The RMP is a low-profile, single-speed air curtain designed for insect control. It's durable stainless steel case combined with a compact design makes it ideal for restaurants and concession stands where mounting space above the door, window, or opening is limited.



AT A GLANCE

Single Incremental Widths

3' to 10'

Max Installation Height

10'

Heavy Duty Motors

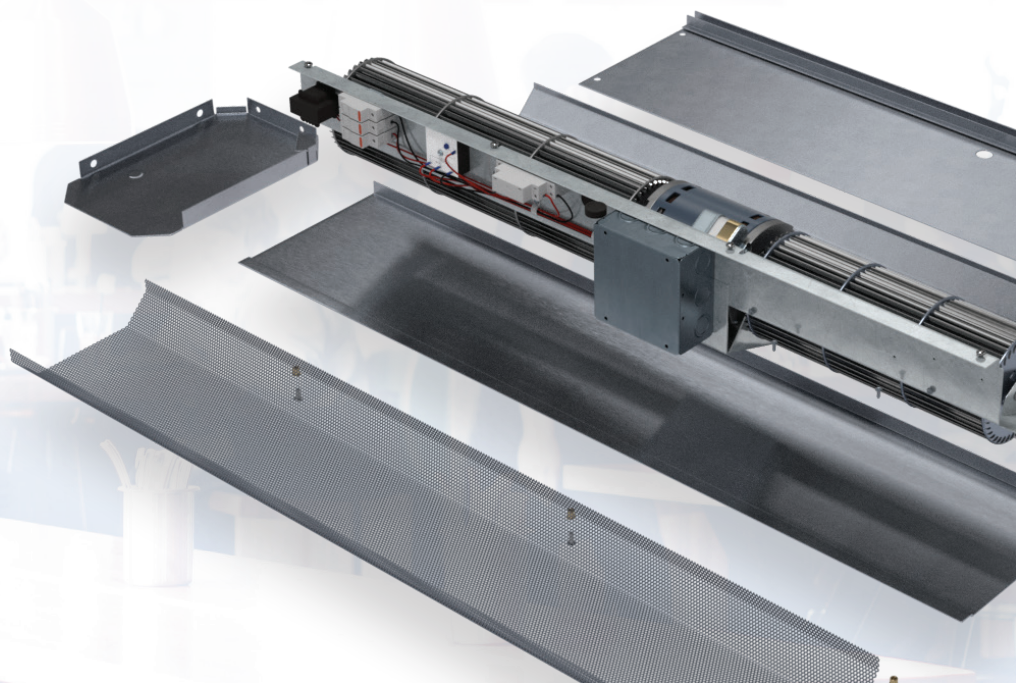
1/5 HP

KEY DESIGN FEATURES

- ETL Sanitation certified to NSF Standard 37
- USDA and FDA compliant
- Low-profile outer cabinet constructed of 18-gauge 304 stainless steel with #3 finish
- 1/5 HP ODP (Open Drip Proof) direct-drive variable-speed motor(s)
- Adjustable air foil vane (+/-20°)

RECOMMENDED CONTROLS & ACCESSORIES

- Activation by 24V magnetic door switch
- Filter (washable)



► RMP | PERFORMANCE

RMP | Performance Table

MODEL	Nozzle Width (in.)	Max. FPM at Nozzle	Avg. FPM	CFM at Nozzle	Outlet Velocity Uniformity	Number of Motors	Motor HP	Weight (lbs)
RMP-1-30	29	3050	2045	897	92%	1	1/5	42
RMP-1-36	35	3050	2142	1178	95%	1	1/5	53
RMP-1-42	41	3050	2086	1339	95%	1	1/5	60
RMP-1-48	47	3050	2045	1500	92%	1	1/5	67
RMP-1-60	59	3050	1928	1767	92%	1	1/5	85
RMP-2-72	71	3050	2142	2356	95%	2	1/5	94
RMP-2-84	83	3050	2087	2678	95%	2	1/5	105
RMP-2-96	95	3050	2045	3005	95%	2	1/5	114
RMP-2-108	107	3050	2142	3534	95%	2	1/5	130
RMP-2-120	117	3050	2103	3856	95%	2	1/5	141

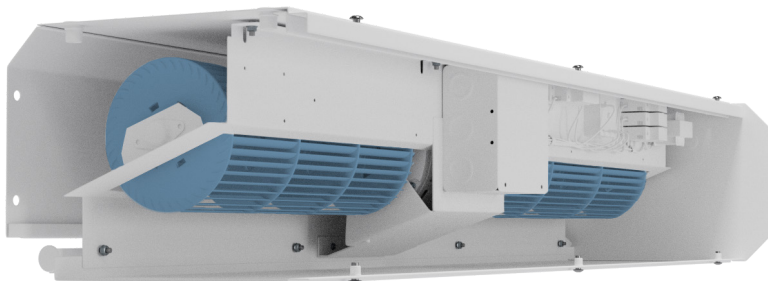
! For a unit over 10 feet long, consult factory.

RMP | Sound Levels

High Speed 53 dBA Measured 10 ft. from unit in a free field based on a 1 motor unit

RMP | Amp Draw and Breaker Options

Model/Number of Motors	120V Amp Draw (Breaker size)	208-230V Amp Draw (Breaker size)	480V Amp Draw (Breaker size)	575V Amp Draw (Breaker size)
RMP-1-30	3.0A (15)	1.5A (15)	1.1A (15)	0.9A (15)
RMP-1-36, 42, 48, 60, 72	4.4A (15)	2.0A (15)	1.1A (15)	0.9A (15)
RMP-2-72, 84, 96, 108, 120	8.8A (15)	4.0A (15)	2.2A (15)	1.8A (15)



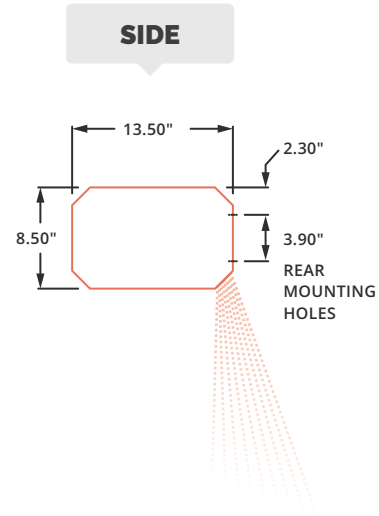
Performance Highlight

This unit can fit a larger diameter tangential blower wheel than competitors' models to increase performance without increasing size. The motor/ blower plate comes out of the unit as an entire piece and the electrical connections can be made on the top or sides of the unit for more versatility.

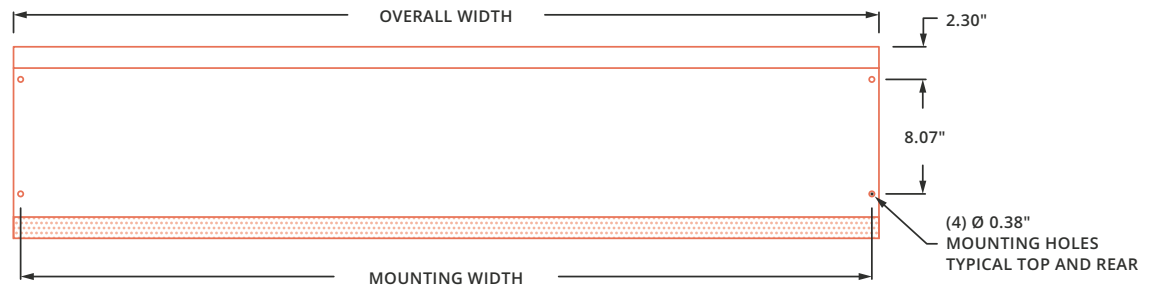
► RMP | MECHANICAL DETAILS & DRAWINGS

RMP | Mechanical Information Table

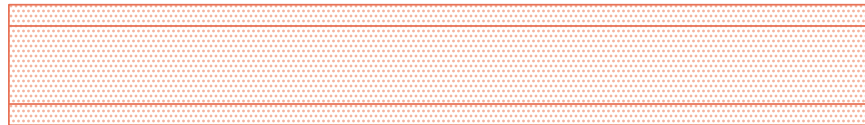
MODEL	Overall Width (in.)	Mounting Width (in.)	Nozzle Width (in.)
RMP-1-30	31	30	29
RMP-1-36	37	36	35
RMP-1-42	43	42	41
RMP-1-48	49	48	47
RMP-1-60	61	60	59
RMP-2-72	73	72	71
RMP-2-84	85	84	83
RMP-2-96	97	96	95
RMP-2-108	109	108	107
RMP-2-120	119	118	117



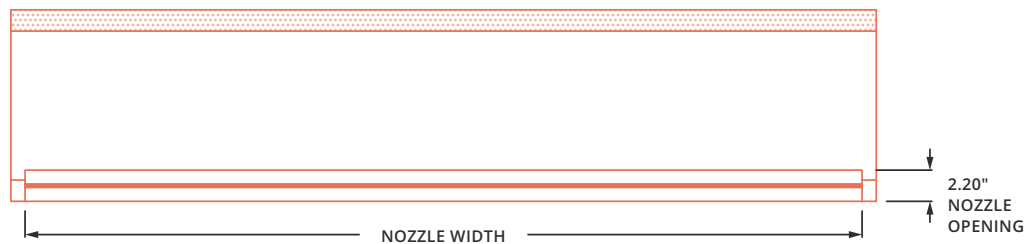
TOP



FRONT



BOTTOM



► RMP | INSTALLATION

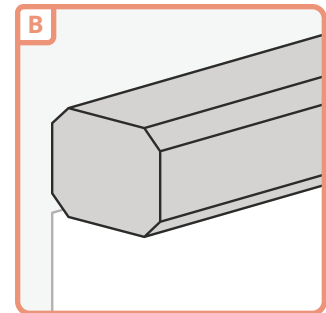
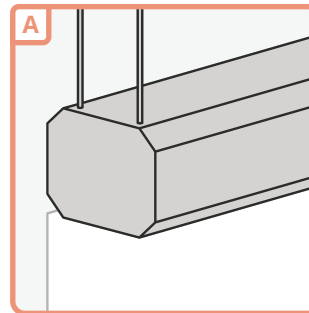


IMPORTANT

- ✓ Trained and experienced mechanic / electrician required.
- ✓ 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 ¼ inch.
- ✓ **WARNING:** Risk of electrical shock, can cause injury or death: Disconnect all remote electrical supplies before servicing.
- ✓ Units must be field wired in accordance with all applicable local, state, provincial and national codes, including wire size and materials.
- ✓ All hardware and brackets must be of sufficient strength to safely support air curtain.
- ✓ The unit is to be installed such that the bottom of the air curtain is no more than 10 ft. above the finished floor in order to comply with the NSF/ANSI 37 standard. The air curtain shall be at least as wide as the opening to be protected.

A TOP MOUNT

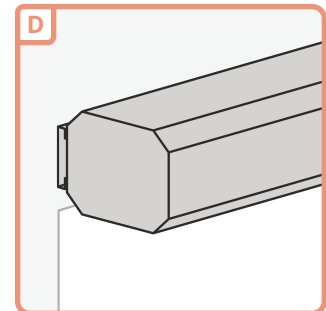
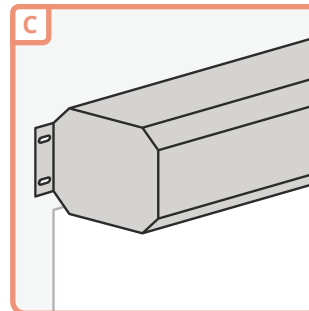
Unit has four 3/8 – 16 threaded inserts for installing one end of threaded rods. The other ends of the threaded rods can be attached to the ceiling. Threaded rod should not extend more than 3/4 inch into air curtain.



B 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 slots 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. 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 push and rotate top in last.



C EXTENSION BRACKETS (WALL MOUNT)

Extension brackets bolt on to the back of the unit, utilizing the 4 original mounting holes, and allowing for external mounting of unit to wall. Brackets have elongated mounting slots that extend the mounting width by 2½ to 3½ inches.

D LP123 BRACKETS

Universal mounting slots are used to lag the bracket to the wall (bolts by others). 3/8" mounting bolts (supplied) are threaded into the holes located in all four corners of the back side of the air curtain, leaving 1/2" of the bolts exposed.