

FM40 Series: Commercial Non-Heated Air Curtain

The FM40 Series, commercial non-heated air curtain is designed to provide efficient air circulation and temperature separation for various applications. With its versatile features and customizable options, it offers a reliable solution for maintaining indoor comfort and energy efficiency.

Key Features:

- Available in 9 different length sizes to suit various door widths: 60 cm, 90 cm, 100 cm, 120 cm, 150 cm, 180 cm, 200 cm, 250 cm, and 300 cm.
- Equipped with multiple single-phase motors for enhanced performance and air circulation.
- Includes a 4-speed inverter and remote control that allows easy adjustment of airflow intensity.
- Features an automatic magnet system that activates the unit when the door is opened, ensuring seamless operation, especially for low-traffic areas.
- The air curtain comes in a classic white color as standard. Customization options are available, allowing you to order it in black or other colors to match your desired aesthetic.

Installation Requirements:

- Requires a clearance of 26 cm on top of the door for proper installation and airflow distribution. Horizontal installation is recommended, but vertical installation on one side of the door is possible if space is limited.
- It is highly recommended to install the air curtain on a sturdy supporting structure to avoid shaking and ensure stability and optimal performance.

Important Note: In the presence of negative pressure, the efficiency of an air curtain is significantly reduced. To optimize its effectiveness, balanced ventilation throughout the entire space is crucial. It is important to note that an air curtain cannot compensate for insufficient airflow caused by unbalanced ventilation or negative pressure. Therefore, proper balancing of the ventilation system is essential to achieve the desired air circulation and maintain a comfortable indoor environment.

Create a comfortable and energy-efficient environment with the FM40 Series commercial non-heated air curtain. Its reliable performance, customizable options, and ease of operation make it an ideal choice for various applications.

MODEL	Volt. (v) Frequency (Hz)	Air Velocity (m/s)		Air Velocity (FPM)		Air Volume (m³/h)		Air Volume (CFM)		Noise (dB)		Weight (kg)	Dimension (cm)			Motors and Fans (Qty.)			Current (A)			
		min	max	min	max	min	max	min	max	min	max		Height	Width	Length	Motor 90 watt	Motor 45 watt	Fan	speed 1	speed 2	speed 3	speed 4
FM 4006	220-240v 50Hz	7.0	12.7	1365	2496	510	933	300	549	<54	<57	8	23	21.5	60	1	-	2	1.1	0.9	0.8	0.7
FM 4009		7.0	13.0	1375	2562	721	1343	424	790	<54	<57	13	23	21.5	90	1	1	3	1.7	1.4	1.3	1.2
FM 4010		8.1	14.1	1596	2782	865	1506	509	886	<54	<57	14	23	21.5	100	1	1	3	1.7	1.4	1.3	1.2
FM 4012		7.3	12.6	1440	2482	986	1700	580	1000	<55	<58	16	23	21.5	120	2	-	4	2.2	1.8	1.6	1.4
FM 4015		7.2	12.5	1269	1267	1137	2210	669	1300	<58	<61	20	23	21.5	150	2	1	5	2.2	1.8	1.7	1.5
FM 4018		7.1	12.0	1399	2377	1571	2667	924	1569	<61	<63	24	23	21.5	180	3	-	6	3.3	2.7	2.4	2.1
FM 4020		8.2	14.0	1608	2730	1649	2800	970	1647	<62	<64	27	23	21.5	200	3	-	6	3.3	2.7	2.4	2.1
FM 4025		7.2	12.4	1407	2433	1982	3429	1166	2017	<63	<65	31	23	21.5	250	4	-	8	4.3	3.4	3.1	2.7
FM 4030		7.2	13.2	1416	2590	2042	3737	1201	2198	<63	<66	35	23	21.5	300	4	1	9	4.9	3.9	3.5	3.1