

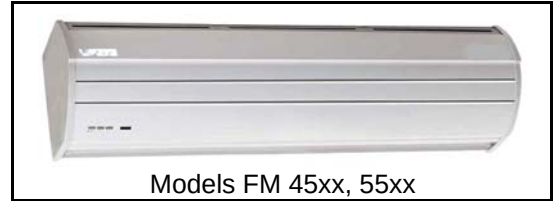
Meaptron™

Air Curtains

Meaptron™ FM series air curtains provide an engineered thermal barrier or interior separation device for industrial, cold storage and personnel door applications.



Models FM 15xx



Models FM 45xx, 55xx

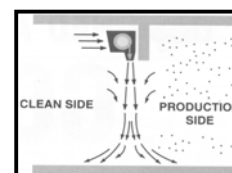
FM Series Standard Features:

- * **Contemporary Design**
Elegant, 4th generation design provided in elegant neutral silver grey finish, to blend in with surrounding architecture.
- * **Cabinet**
Exclusive corrosion-proof, heavy-duty [aluminum alloy cabinet](#) with chip resistant powder-coated finish offered as standard construction, for FM 15xx, 45xx & 55xx series. FM 60xx & 80xx have sheet metal cabinet.
- * **Motors**
High efficiency, low noise motors with built-in overload protection.
- * **Directional Vanes**
Full length, one-piece vanes allow easy flexible air directional control.
- * **Scrolls / Blower Wheels**
Dynamically balanced, curved double inlet double width corrosion resistant blower wheels.
- * **3 speed operation (for FM 15xx, 45xx & 55xx ONLY)**
Speed switch offered as standard on above models to maximize energy savings. FM 60xx & 80xx have single speed operation.
- * **Bearings**
Maintenance-free long life bearings permanently lubricated for corrosion protection.

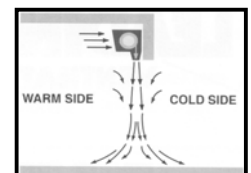
Optional Accessories:

- * **Electric Heat**
- * **Automatic Door Activation Switches**
- * **Mounting Hardware**

Typical application configurations:



(Interior separation)



(Thermal barrier)

CORPORATE OFFICE

Meaptron Corporation

CAT NO.: MN-06

www.meaptron.com

(Rev. 2)

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Technical Parameters:

Model	Airflow		Air velocity		Sound level (dB)	Door Height (ft)	Motor		Electricals	Weight (lbs)	Dimensions	
	50 Hz	60 Hz	50 Hz	60 Hz			50 Hz	60 Hz			Un-packed	Packed
	(cfm)		(fpm)				(W)				(inches)	
FM - 1509	1035	1129	2200	2400	< 57	Upto 12	180	205	110V / 1ph / 60Hz or 220-240V / 1ph / 50Hz	22	36x8x9	38x10x11
FM - 1512	1454	1586			< 58		200	230		28	48x8x9	50x10x11
FM - 1515	1873	2043			< 59		220	250		31	60x8x9	62x10x11
FM - 4509	763	848	3600	4000	< 59	Upto 16	320 *			32	36x10x9	39x11x12
FM - 4512	1030	1144			< 61		440 *			40	48x10x9	51x11x12
FM - 4515	1297	1440			< 64		540 *			52	60x10x9	63x11x12
FM - 4518	1525	1695			< 66		660 *			58	72x10x9	75x11x12
FM - 5509	848	932	4000	4400	< 59	Upto 20	390 *			32	36x10x9	39x11x12
FM - 5512	1144	1259			< 61		540 *			40	48x10x9	51x11x12
FM - 5515	1440	1585			< 64		660 *			52	60x10x9	63x11x12
FM - 5518	1695	1864			< 66		810 *			58	72x10x9	75x11x12
FM - 6010	2182	2182	5600	5600	< 62	Upto 22	1100	1250	220V/3ph/60Hz or 380V/3ph/50Hz	70	40x12x12	43x13x14
FM - 6012	2182	2182			< 62		1100	1250		81	48x12x12	51x13x14
FM - 6015	3273	3273			< 68		1700	2000		110	60x12x12	63x13x14
FM - 8010	2495	2495	6400	6400	< 62	Upto 28	1320	1500		70	40x12x12	43x13x14
FM - 8012	2495	2495			< 62		1320	1500		81	48x12x12	51x13x14
FM - 8015	3741	3741			< 68		2170	1480		110	60x12x12	63x13x14

* These models are provided with dual frequency (50Hz / 60Hz) motors. Other models have different motors for different frequencies.

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