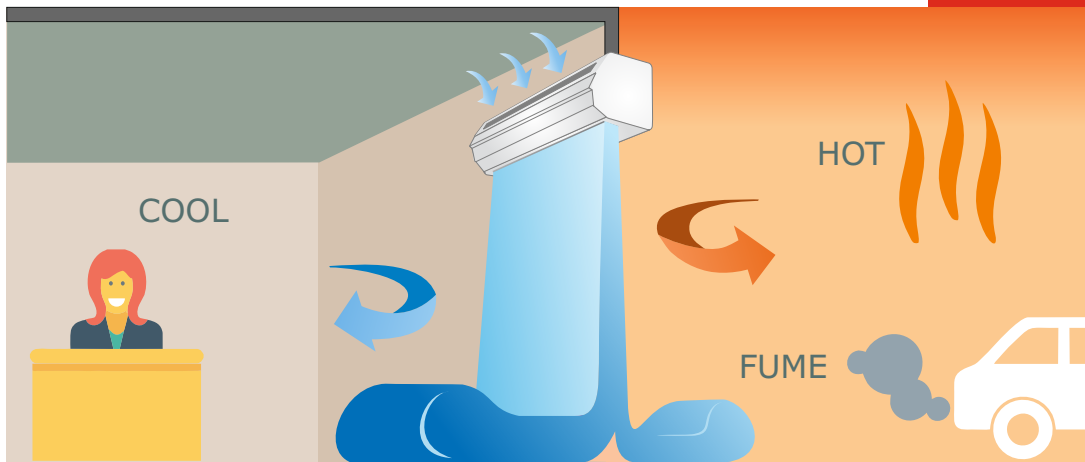




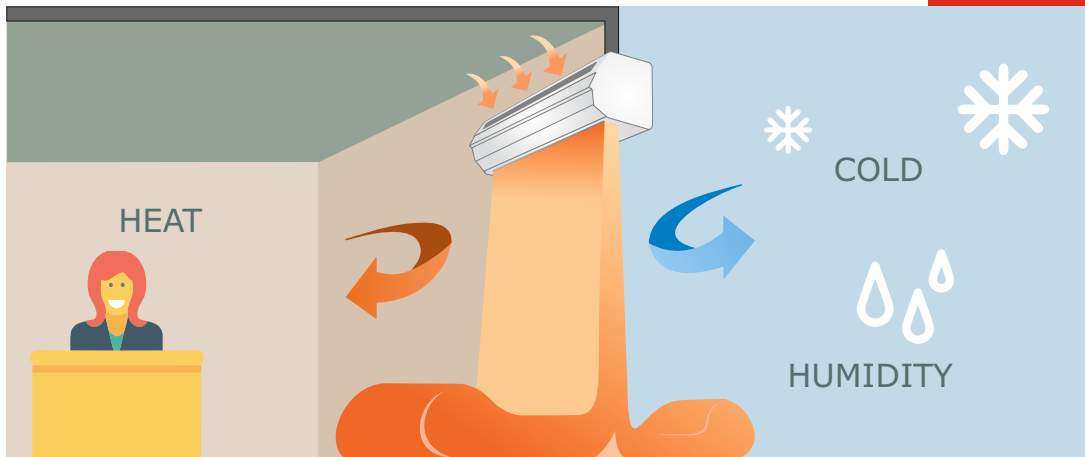
AIR CURTAINS



Temperature & Fume Control



Cool & Humidity Control



Bug & Dust Control



Maxwell Air curtain produces a high speed air current, dividing the inside and outside of the room into two independent temperature zones with the result that levels of interior air conditioning are maintained and the air is purified whilst energy is saved. Summer heat, winter cold, dust, insects, smoke, unpleasant odors and exhaust fumes are all kept out.



Prevent loss of cool or warm air whilst economizing on electricity.



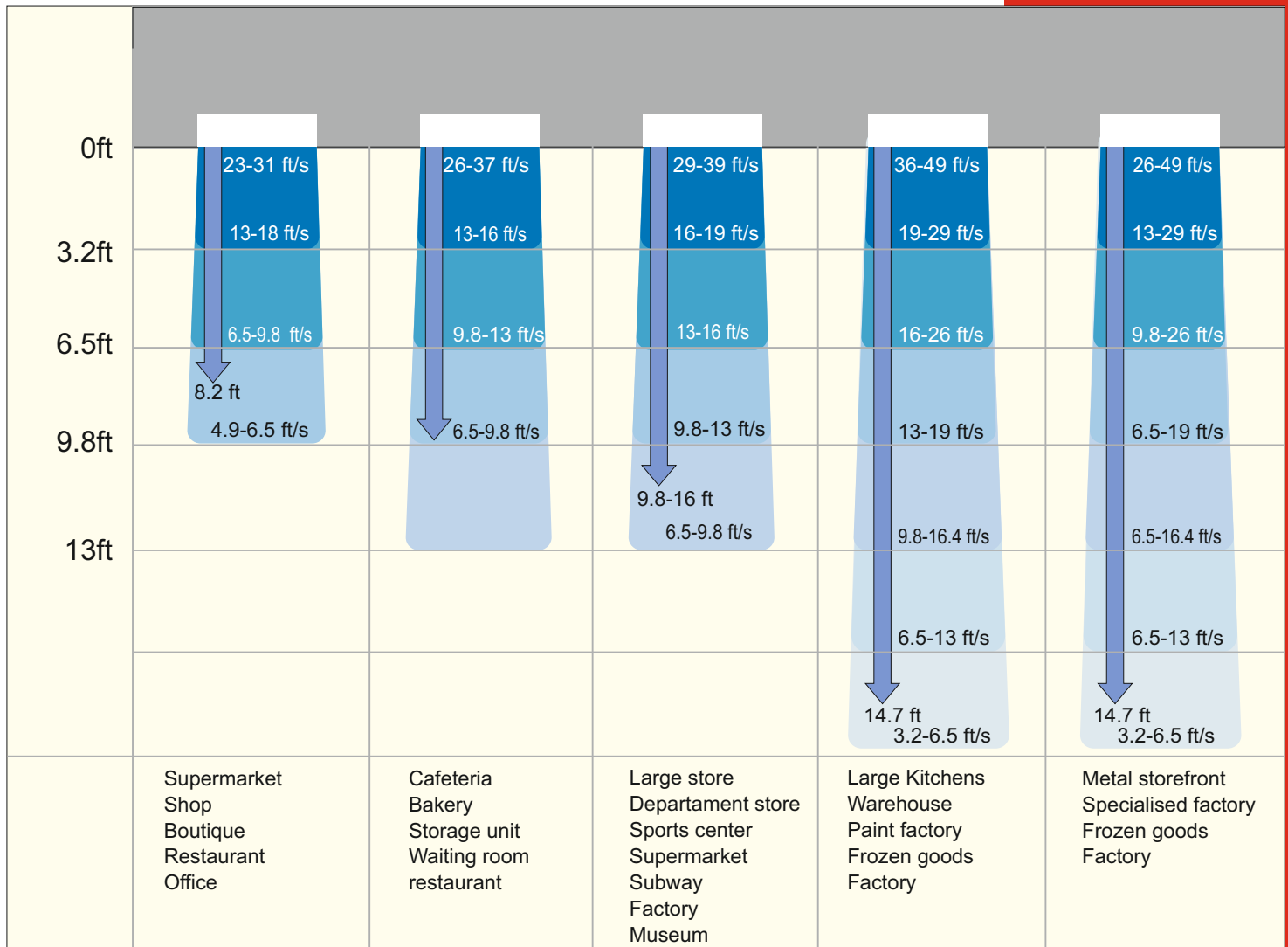
Efficient dust and insect-proofing.

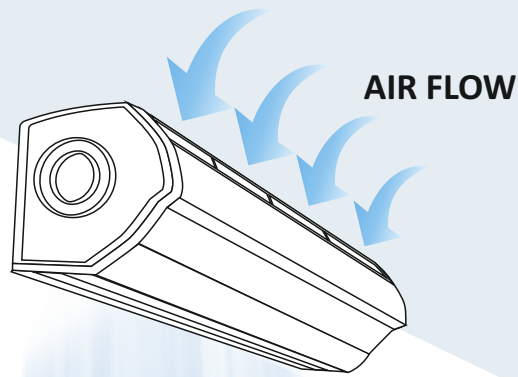


Protects against the effects of smoke and noxious fumes



Improves air circulation





AIR FLOW

The design re-circulates the facility air in a smooth laminar/uniform flow, creating a seal of up to a 90% on the doorway.

OUTSIDE

WINTER COLD

SUMMER HEAT

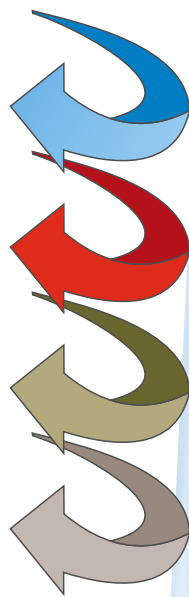
DUST

SMOKE

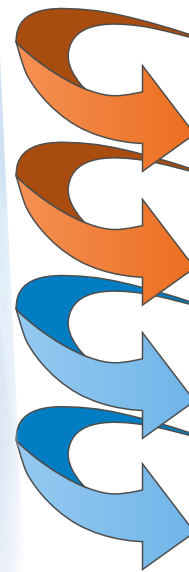
BAD ODOURS

INSECTS

EXHAUST GAS



INSIDE



WARM AIR

keeps heated air inside during the winter

CLEAN AIR

Protects against the effects of smoke and noxious fumes

COOL AIR

keeps cooled air inside during the summer

Cool Storm Series



MASF036-N1-H
110V/60Hz

MASF039-N1-H
110V/60Hz

MASF048-N1-H
110V/60Hz

MASF060-N1-H
110V/60Hz



Adopting the highest technology in aerodynamics, all maxwell air curtains run smoothly with lowest noise level



The irregular distancing and ultra-quiet blower wheel can produce a powerful air-flow.

Features

Easy to open, convenient design does not use screws outside. The stainless cover made of high-tech aluminum and high-quality ABS. With a uniquely designed air guide bar, it blows wind in all directions, working well in various environments.

Door Switch

Easy to install, dedicated built-in heavy duty limit door switch; strong aluminum cast shell; water-proof and oil-proof design, equipped with cable connector. Included.



4.5 ft. easy connection for the door switch (no additional wire needed)

Door's switch controls the air curtain on/off when the door opens/closes

Power cord

Detail information

Model	Dimensions L x D x H (in)	Voltage		Input Power (W)		Air Volume (cfm)		Air Velocity (ft/s)		Noise- dB(A)		Net Weight (lb)
		Hz	V	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	
MASF036-N1-H	35.4x8.5x9	60	110-120	300	270	990	720	65	52	57	54	29
MASF039-N1-H	39.4x8.5x9	60	110-120	330	290	1070	790	65	52	57	54	31
MASF048-N1-H	47.2x8.5x9	60	110-120	400	370	1350	1060	65	52	58	55	34
MASF060-N1-H	59.0x8.5x9	60	110-120	500	450	1650	1345	65	52	61	58	44

Maximum Installation Height - 10 ft.



Maxwell

Hot Storm Series

MAFH036-E2-H
230V/60Hz

MAFH039-E2-H
230V/60Hz

MAFH048-E2-H
230V/60Hz

MAFH060-E2-H
230V/60Hz



Infrared remote control of hot and cool switch, turning off the machine with a time delay of 30 seconds



Temperature control and power surge protection for dual protective capabilities.



Employs a high quality contactor which ensures a superior self-recovery function after power failure.



Use of the most advanced non-electrified PTC to radiate heat ensures a high quantity, low energy consumption, low wind resistance and extended life.

The outer casing galvanized steel design is easy to clean and has high performance fire protection.
Wireless remote control of hot and cold switch, turning off the machine with a time delay of 30 seconds.
Temperature moderation and power surge protection for dual protective capabilities.

Detail information

Model	Wheel diameter	Dimensions L x H x D (in)	Voltage		Max. input power		Air flow (cfm)	Air speed (ft/s)	Noise (dB)	N.W. (lb.)
	(in)		(V~)	(Hz)	Fan (W)	(kW)				
MAFH024-E2	-	23.6"x5.6"x7.9"	230	60	70	1.5/3	176	16	<48	15
MAFH036-E2	4.7	35.4"x8.4"x7"	230	60	140	6	470	22.9	<57	28
MAFH039-E2	4.7	38.4"x8.4"x7"	230	60	170	6	517	22.9	<57	31.5
MAFH048-E2	4.7	47.4"x8.4"x7"	230	60	230	8	588	22.9	<58	37.4
MAFH060-E2	4.7	59.0"x8.4"x7"	230	60	280	10	882	22.9	<59	44

Mast Series



MAST036-N1-H
110V/60Hz

MAST039-N1-H
110V/60Hz

MAST048-N1-H
110V/60Hz

MAST060-N1-H
110V/60Hz

MAST air curtain is one of the new top class product for modern decoration, the equipment matches the air conditioner. It is installed above the entrances of supermarkets, theaters, meeting rooms, hotels, room offices, working shops, and store rooms, among many other applications to prevent dust, mosquitoes, nocuous air, and other nuances.

It can effectively isolate convection indoor and outdoor and keep inside temperature. MAST is especially used in locations with air conditioner to keep indoor environment and save energy, while maintaining a comfortable environment inside.

Detail information

Model	Wheel diameter	Dimension L x D x W (in)	Voltage		Amperage (A)	Power (W)	Air volume (cfm)	Air velocity (ft/s)	Noise (dB)	Net weight (lb)
	(in)		(Hz)	(V-)						
MAST036-N1-H	-	35.4 x 8.9 x 12.6	60	110 V	3.6	410	823	65.6	<57	37.4
MAST039-N1-H	4.7	39.4 x 8.9 x 12.6	60	110 V	3.9	450	912	65.6	<58	41.8
MAST048-N1-H	4.7	47.2 x 8.9 x 12.6	60	110 V	4.3	500	1118	65.6	<58	48.4
MAST060-N1-H	4.7	59.1 x 8.9 x 12.6	60	110 V	5.8	670	1353	65.6	<61	59.4

Hot Water Series

MASH036-W1-H
110V/60Hz

MASH048-W1-H
110V/60Hz

MASH060-W1-H
110V/60Hz



Uses a double speed airflow switch, making it even more suitable for use in both summer and winter



Ultra Thin Air Curtain design allows the use of hot water or steam for high volume of heat dispersion



Technology leader: uses a double speed airflow switch, making it even more suitable for use in both summer and winter

The entire casing, made from galvanised steel, will never distort and will retain its great appearance throughout use. Operated by the touch of a button, it has high and low speed switch functions. Double sided water inflow points allows convertibility for installation in different locations.

Detail information

Model	Wheel diameter	Dimension	Voltage			Max input power(W)	Air volume (cfm)			Air velocity (ft/sec)		Noise (dB)	Net weight (lb)	Air temperature (F)
	(in)		(Hz)	(V-)	(A)		HI	LO	HI	LO	HI			
MASH036-W1-H	5.5	35.4X10.3X13.2	60	110-120v	1.91	230	853	618	36	26	<55	61	59	
MASH048-W1-H	5.5	47.2X10.3X13.2	60	110-120v	2.50	300	1135	824	36	26	<57	77	59	
MASH060-W1-H	5.5	59X10.3X13.2	60	110-120v	2.75	330	1424	1030	36	26	<59	92	59	

Model	212 - 149 (F)					194 - 300 (F)					185 - 131 (F)				
	flow speed (ft/sec)	Volume (GPM)	Resistance (Pa)	Temperature (F)	Capacity (KW)	flow speed (ft/sec)	Volume (GPM)	Resistance (Pa)	Temperature (F)	Capacity (KW)	flow speed (ft/sec)	Volume (GPM)	Resistance (Pa)	Temperature (F)	Capacity (KW)
MASH036-W1-H	1.6	3.8	2036	127	20	1.27	3	1620	120	16	1.4	3.5	1870	116	13
MASH048-W1-H	1.6	7.7	2715	127	28	1.7	4	2160	120	21	1.9	4.7	2500	116	17
MASH060-W1-H	1.6	6.4	3390	127	36	2.13	5.1	2700	120	27	2.4	5.8	3115	116	21





BLOWER WHEEL and SCROLL CAGE

Airflow design principles

Incorporating CAD/CAM//CAE/CAPP/CAT technology, the basic model of the blade was constructed, to allow initial analysis and calculations and to determine how its performance could be improved upon, according to fundamental aerodynamics principles as well as empirical theories of blade improvement.

Rigorous testing ensures that the Fan Wheel and Blade perform highly on wind pressure, noise minimization and efficiency, and that the maximum amount of energy is conserved whilst producing the most powerful results.

Motor production technology

At every stage, from raw materials to the end products we insist on results: safety, efficiency, energy conservation and environmental protection, and our rigorous testing ensures that we reach standards higher than similar products from international manufacturers. We want consumers to depend on the precision and reliability of our Air Curtain machinery.

Rigorous quality

In this new high technology industry, there are many routes available for innovation: automation, precision mechanisms, new materials and synthesis techniques. The multifarious working procedures for manufacturing electrical machinery, among them the manipulation of magnetic materials, coil manufacture and insulation handling, all involve advanced craftsmanship and exact technology. In order to guarantee the production of high quality electrical machinery, Maxwell has invested in a system of precise testing instruments, adopting advanced technology manufacture and NYPS management methods, to implement European standards of quality results.

Safety and environmental protection

In using such a large amount of new types of material and advanced technologies, Maxwell's manufacture of electrical machinery avoids excess wear and tear and ensures that the products are some of the hardest wearing on the market. The life span of the product is not only extended, but is also guaranteed to be even safer (especially under extreme conditions), and to function in an environmentally friendly way (non-toxic, odorless and fire-resistant).



Made by

Rockwell
Industries, Inc.

2190 NW 89 Place, Doral, FL 33172 USA

Tel: (305)594-4972 Fax (305) 675-2212

www.rockwellus.com sales@rockwellus.com



Maxwell