



ENERGY GUARD

CUSTOMER ENTRANCE

AIR CURTAINS

An **AIR CURTAIN** is the ONLY door that is both open and closed at the same time, even sealing itself around penetrating objects. The air curtain uses a wall of air generated by specialized fans and directional discharge to separate areas of pressure or temperature differential.

Air curtains accomplish this and at the same time:

- Maintain the temperature comfort level by preventing a blast of cold air every time the door opens
- Increase safety by providing unobstructed entrances resulting in clear sight lines and dry floors for people and product movement
- Save energy cost by keeping in either heat in the winter months or air conditioned air in the summer months (AES air curtains generally pay for themselves in energy savings within the first three years)

AES Customer Entrance Air Curtains:

- Are manufactured with a powder coated, galvanized steel shell for appearance and durability
- Are equipped with a through flow blower blade that is a breakthrough in the field of air curtain noise control. It can generate a high volume air flow while avoiding the range of high noise frequencies. The result is a highly efficient air curtain with quiet operation.

AIR CURTAINS form an invisible barrier between the outside air and the inside environment by maintaining a forced wall of air which provides:

- Environmental barrier—seals out dust, fumes, flying insects
- Enhanced sanitation and food safety
- Employee and client comfort—seals out cold air
- Environmentally responsible—reduces carbon footprint
- Energy savings—both heat and AC

AES AIR CURTAINS are a perfect low maintenance solution for a variety of applications including:

- Warehousing
- Shipping areas
- Loading docks
- Food storage (processing plants)
- Storage facilities
- Restaurants
- Automotive bays
- Customer entrances
- Environmental barriers
- Any high traffic doorway



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MODEL	VOLTS	CYCLES	# OF MOTORS	MAX INPUT POWER (W)		MAXIMUM AIR VELOCITY (m/s)		AIR VOLUME (m ³ /h)		NOISE LEVEL (db)		DIMENSIONS (mm) (inches) [width - depth - height]	WEIGHT (Kg)	
				HI	LO	HI	LO	HI	LO	HI	LO			
4009-CEA	110	60	2	300	270	16	13	1100	900	52	49	900 x 215 x 230	13	
4012-CEA				2	400			360	1500	1200	53	50	1200 x 215 x 230	15.5
4015-CEA			3	500	470			1900	1500	55	52	1500 x 215 x 230	20	
												59 x 8.5 x 9.1		
4018-CEA			3	600	500			2280	1800	57	55	1800 x 215 x 230	23.5	
												71 x 8.5 x 9.1		
OPERATION	Infrared remote control or unit mounted controls. Two speeds, HI & LO													
ELECTRICAL	110 volt complete with cord and male plug													
OPTIONAL ACCESSORIES	Two stage permanent, washable aluminum and lint mat filter (reduces cleaning & maintenance) Variable speed control (allows adjustment of air volume and velocity for outside conditions)													
SHIPPING DIMENSIONS	Boxed - above width plus 50.8mm (2") by 305mm X 305mm (12" X 12") Add 3 Kg. (7 lb.) to weight.													

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