



# 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



# ENERGYGUARD

## CUSTOMER ENTRANCE

## AIR CURTAINS



**SPECIFICATIONS AES ENERGYGUARD 4000-CEA SERIES AIR CURTAINS**

ENERGY GUARD MODEL	BLOWER DIAMETER (mm) (inches)	VOLTS	CYCLES	MOTORS	TOTAL INPUT POWER (HP)	FULL LOAD AMPS TOTAL	SOUND LEVEL (db)		DIMENSIONS (mm) (width - depth - height) (inches)	WEIGHT (Kg.) (Lb.)
							HI	LO		
4006-CEA	120 4.72	110	50/60	1	0.41	2.7	<57	<54	600 X 215 X 230	14.0
4009-CEA				2	0.60	4.20	<57	<54	900 X 215 X 230	16.0
4012-CEA				2	0.78	5.40	<58	<55	1200 X 215 X 230	18.0
4015-CEA	3	1.00	6.90	<61	<58	1500 X 215 X 230	23.0			
4018-CEA	3	1.17	8.10	<67	<63	1800 X 215 X 230	31.0			
OPERATION:		Infrared remote control or unit mounted controls Two speeds, HI & LO								
ELECTRICAL:		110 volt complete with cord and male plug								
OPTIONAL:		Two stage permanent, washable aluminum and lint mat filter (reduces cleaning & maintenance)								
ACCESSORIES:		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.								

AES CE117B Rev. 7 12/21/11



DISTRIBUTED BY



ADVANCED ENERGY SOLUTIONS, INC.

Phone: (403) 284-9726 • Toll Free: (866) 284-9726  
Calgary, AB, Canada • [www.aircurtain.ca](http://www.aircurtain.ca)