



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:

- Seals out cold air
- Seals in air conditioning
- Reduces humidity and ice buildup in freezers
- Repels insects
- Keeps out dust and fumes
- Saves energy

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
- Refrigeration/Coolers
- Any high traffic doorway—retail or commercial



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HEATED (CEH)

MODEL		ENERGYGUARD 1209E-CEH	ENERGYGUARD 1212E-CEH	ENERGYGUARD 1215E-CEH	ENERGYGUARD 1218E-CEH
Dimensions mm (inches)	Width	900 (35.5)	1200 (47.3)	1500 (59)	1800 (71)
	Depth	218 (8.5)	218 (8.5)	218 (8.5)	218 (8.5)
	Height	260 (10.3)	260 (10.3)	260 (10.3)	260 (10.3)
Noise Level (db)		<57	<59	<61	<63
Heater Power (kw)		6	8	10	12
Net Weight KG (Lb)		20 (44)	24 (53)	28 (62)	31.5 (70)
Temperature Improvement (°K)		High-18 Low-25	High-18 Low-25	High-18 Low-25	High-18 Low-25
Voltage		1209, 1212, 1215 available in 220 volt, single phase or 208 volt 3-phase 1218 available in 208 volt, 3-phase			

AMBIENT (CEA)



MODEL		ENERGYGUARD 4009-CEA	ENERGYGUARD 4012-CEA	ENERGYGUARD 4015-CEA	ENERGYGUARD 4018-CEA
Dimensions mm (inches)	Width	900 (35.5)	1200 (47.3)	1500 (59)	1800 (71)
	Depth	218 (8.6)	218 (8.6)	218 (8.6)	218 (8.6)
	Height	230 (9.1)	230 (9.1)	230 (9.1)	230 (9.1)
Noise Level (db)		<57	<58	<61	<67
Net Weight KG (Lb)		16 (36)	18 (40)	23 (51)	31 (64)
Voltage		110 volt (220 volt available upon special order)			
Operation		Two Speed Operation—High Low			

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AES

ADVANCED ENERGY SOLUTIONS, INC.

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

Phone: (902) 483-3210
3850 Mont Blanc Terr., Halifax, NS