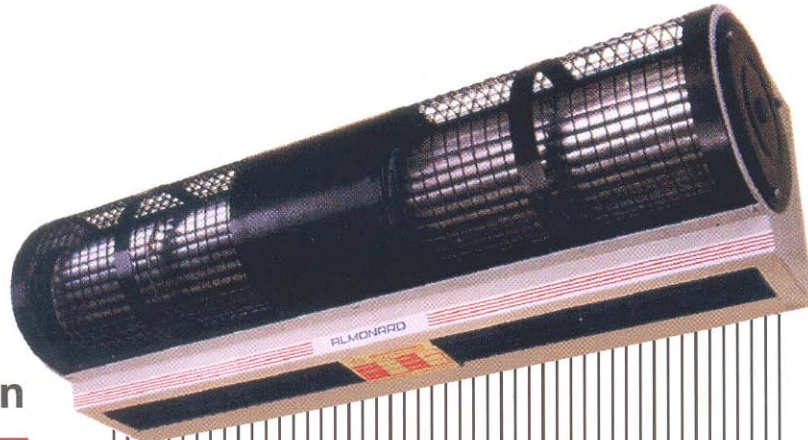


ALMONARD

AIR CURTAINS



INDUSTRIAL
AIR CURTAINS

Keeps in

CLEAN AIR

COOL AIR

WARM AIR

COMMERCIAL
AIR CURTAINS



Keeps Out

DUST

SMOKE

ODOUR

SUMMER HEAT

WINTER COLD

INSECT



*Almonard - trusted for excellence in
air technology for over 35 years*

ISO 9001-2000



Regn. No. 2843

Aircurtain is an environmental separation equipment which prevents outside air, insects or hot air entry to the conditioned area through the open door ways or the door being opened at frequent intervals. The principle of Aircurtain is that it blows the atmosphere air at constant velocity at the door ways and forms a air stream for the entire width and height of the door openings. The velocity will vary depending on the effective throw of the air stream. Moreover, you can reduce your energy consumption considerably by holding the uniform cold air temperature at the air conditioned area. In total it is an energy conservation unit for the air conditioned area. It also eliminates the flies and other small insects infiltration through an open door in order to maintain the required hygienic standard in the specified areas.

SALIENT FEATURES OF 'ALMONARD AIRCURTAIN'

'ALMONARD' Aircurtains are Grouped in two ranges.

1) Industrial Range 2) Commercial Range.

I. Industrial range comes in three models.

1) AHV - Single Phase

High Velocity Model can be used for industrial purpose where the door height is about 7 feet.

2) AEHV-Single phase / Three phase

Extra high velocity model can be used where higher nozzle velocity is needed & in dusty areas door height is up to 8 feet.

3) AIB - Three Phase : (Insect Barrier)

To arrest the insect into the room & door height is up to 8 feet.

II. Commercial Range

1) Silent Model

Very silent operation with 960 RPM motor is ideal for air conditioned shops & malls.

2) Smart / Deluxe

Silent operation with 1400 RPM motor with smart aesthetic looks.

For HITECH Turbo & Blower Air curtain Models refer to us. Velocity range 25-40 m/sec.

1. The casing (shell) of Aircurtain is of robust construction.
2. The impeller is of aluminum construction with forward curved blades to minimise the air cutting noise. The impellers can be made out of S.S. & with special coating on specific request.
3. Easy mounting arrangement with a flat frame which can be fixed on the wall by suitable coach screws.
4. Adjustable louvers to streamline air delivery.
5. 'ALMONARD' Aircurtains are coupled with sturdy motors for the Continuous duty application.
6. VIBRATION FREE - Operation
7. Pre-lubricated both side sealed Bush Bearing / Double ball Bearing to take any load and also for smooth running of Aircurtain.
8. Elegant look and with superior quality powder coated finish.

NOTE : The outside wind velocity, air conditioner, ventilator use etc. may significantly lower the shielding effectiveness. Usually the efficiency rate is around 60 - 80 % only.

Sl. No.	MODEL	DIMENSION IN mm W x H x L	Velocity 'M/sec.'	Effective Air throw In Mtrs.	Motor Rating		Current input in Amps		Noise Level Decibels	Weight In Kg.
					Watts	Rpm	1 Ph	3 Ph		
INDUSTRIAL RANGE										
AHV-REGULAR										
14	AHV-2'	265x255x610	13/14	2	150	1400	1.5	-	68	16
15	AHV-3'	265x255x915	13/14	2	150	1400	1.5	-	68	18
16	AHV-1 mtr.	265x255x1000	13/14	2	150	1400	1.5	-	68	19
17	AHV-4'	265x255x1220	13/14	2	180	1400	2.5	-	70	22
18	AHV-5'	265x255x1525	13/14	2	250	1400	3.4	-	70	24
19	AHV-6'	265x255x1830	13/14	2	150x2	1400	1.5x2	-	72	33
20	AHV-2 mtr.	265x255x2000	13/14	2	150x2	1400	1.5x2	-	72	35
AEHV										
21	AEHV-2'	285x280x610	15/16	2.5	250	1400	3.4	1.0	72	19
22	AEHV-3'	285x280x915	15/16	2.5	250	1400	3.4	1.0	72	21
23	AEHV-1 mtr.	285x280x1000	15/16	2.5	250	1400	3.4	1.0	72	22
24	AEHV-4'	285x280x1220	15/16	2.5	370	1400	3.8	1.2	75	25
25	AEHV-5'	285x280x1525	15/16	2.5	370	1400	3.8	1.2	78	28
26	AEHV-6'	285x280x1830	15/16	2.5	250x2	1400	6.8	2.0	78	38
27	AEHV-2 mtr.	285x280x2000	15/16	2.5	205x2	1400	6.8	2.0	78	45
AIB										
28	AIB-3'	360x365x915	20/22	3.5	550	1400	-	1.7	80	33
29	AIB-1 mtr.	360x365x1000	20/22	3.5	550	1400	-	1.7	80	36
30	AIB-4'	360x365x1220	20/22	3.5	750	1400	-	2.1	82	40
31	AIB-5'	360x365x1525	20/22	3.5	1100	1400	-	2.7	82	50
32	AIB-6'	360x365x1830	20/22	3.5	550x2	1400	-	1.7x2	85	58
33	AIB-2 mtr.	360x365x2000	20/22	3.5	550x2	1400	-	1.7x2	85	60
COMMERCIAL RANGE										
AHV - SILENT										
01	AHV-2 'Silent	265x255x610	8/9	2	150	960	1.5	-	60	16
02	AHV-3'	265x255x915	8/9	2	150	960	1.5	-	60	18
03	AHV-1 mtr.	265x255x1000	8/9	2	150	960	1.5	-	60	19
04	AHV-4'	265x255x1220	8/9	2	180	960	2.5	-	62	22
05	AHV-5'	265x255x1525	8/9	2	250	960	3.4	-	62	24
06	AHV-6'	265x255x1830	8/9	2	150x2	960	1.5x2	-	65	33
07	AHV-2 mtr.	265x255x2000	8/9	2	150x2	960	1.5x2	-	65	35
AHV-SMART/DELUX										
08	A.Smart-3'	290x190x915	9/10	2	150	1400	1.5	-	62	21
09	A.Smart-1mtr.	290x190x1000	9/10	2	150	1400	1.5	-	62	23
10	A.Smart-4'	290x190x1220	9/10	2	180	1400	2.5	-	64	26
11	A.Smart-5'	190x290x1525	9/10	2	250	1400	3.4	-	64	30
12	A.Smart-6'	190x290x1830	9/10	2	150x2	1400	1.5x2	-	66	40
13	A.Smart-2 mtr.	190x290x2000	9/10	2	150x2	1400	1.5x2	-	66	42



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