REGD. TRADE MARK

ALMONARD

AIR CURTAINS

TCert
IAF
S 3124
ISO 9001:2015

ALMONARD STANDARD MODEL

Almonard... trusted for excellence in air technology for over 50 years

ALMONARD SMART MODEL

1 YEAR WARRANTY

ALMONARD SILENT MODEL

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 doorways 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 AIR CURTAIN

The Different Type of Air Curtain Models are highlighted belowbased on their Velocity, Door Height and Application:

(A) ALMONARD STANDARD MODEL AIR CURTAINS ARE AVAILABLE IN 3 TYPES

1) AHV - HIGH VELOCITY AIR CURTAINS - SINGLE PHASE *High velocity model can be used for industrial & commercial purpose where the door height is about 7 feet*

2) AEHV - EXTRA HIGH VELOCITY AIR CURTAINS - SINGLE PHASE/THREE PHASE *Model can be used where higher velocity is needed with door height upto 8 feet.*

3) AIB - INSECT BARRIER AIR CURTAINS - THREE PHASE *To arrest insects into the room where door height is arround 9 ft to 10 ft*

(B) ALMONARD SILENT MODEL AIR CURTAINS ARE AVAILABLE IN SINGLE PHASE

1) SILENT AIR CURTAINS - SINGLE PHASE *Model with 900 rpm motor is ideal for areas like air conditioned shops & malls with door height upto 7 ft*

(C) ALMONARD SMART MODEL AIR CURTAINS ARE AVAILABLE IN SINGLE PHASE

1) SMART AIR CURTAINS - SINGLE PHASE *Model with aesthatic look to match interiors with door height upto 7 ft*

1. *The casing (Shell) of Air curtains is of robust construction.*
2. *The impellers is of aluminium construction with forward curved blades to minimise the air cutting noise. The casing and impellers can be made out of S.S. on special 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 air curtains are coupled with sturdy motors for continuous duty application.*
6. *Vibration free operation.*
7. *Prelubricated both side Bush bearing for AHV & AEHV models & self lubricated double ball bearings for AIB models for smooth running of air curtains*
8. *Elegant look & with superior quality powder coated finish*

Sl. No.	Model	Dimension IN mm W X H X L	Velocity M/Sec.	Effective Air throw In Mtrs	Motor rating Power Watts	Motor rating Speed rpm	Current Input in Amps 1Ph	Current Input in Amps 3Ph	Noise Level In Decibels	Weight In Kg.
Almonard Standard Model (AHV Series) - High Velocity										
1	AHV-2'	265X250X610	13/14	2	150	1400	1.5	-	68	18
2	AHV-3'	265X250X915	13/14	2	150	1400	1.5	-	68	20
3	AHV-1 mtr.	265X250X1000	13/14	2	150	1400	1.5	-	68	21
4	AHV-4'	265X250X1220	13/14	2	180	1400	2.5	-	70	26
5	AHV-5'	265X250X1525	13/14	2	250	1400	3.4	-	70	32
6	AHV-6'	265X250X1830	13/14	2	150 X 2	1400	1.5 X 2	-	72	35
7	AHV-2 mtr.	265X250X2000	13/14	2	150 X 2	1400	1.5 X 2	-	72	38
Almonard Standard Model (AEHV Series) - Extra High Velocity										
8	AEHV-2'	280X280X610	15/16	2.5	250	1400	3.4	1.2	72	25
9	AEHV-3'	280X280X915	15/16	2.5	250	1400	3.4	1.2	72	25
10	AEHV-1 mtr.	280X280X1000	15/16	2.5	250	1400	3.4	1.2	72	25
11	AEHV-4'	280X280X1220	15/16	2.5	370	1400	3.8	1.7	75	29
12	AEHV-5'	280X280X1525	15/16	2.5	370	1400	3.8	1.7	78	34
13	AEHV-6'	280X280X1830	15/16	2.5	250 X 2	1400	3.4x2	1.2 X 2	78	45
14	AEHV-2 mtr.	280X280X2000	15/16	2.5	250 X 2	1400	3.4x2	1.2 X 2	78	50
Almonard Standard Model (AIB Series) - Insect Barrier										
15	AIB-3'	360X365X915	20/22	3	750	1400	-	2.1	80	35
16	AIB-1 mtr.	360X365X1000	20/22	3	750	1400	-	2.1	80	39
17	AIB-4'	360X365X1220	20/22	3	1100	1400	-	3	82	46
18	AIB-5'	360X365X1525	20/22	3	1100	1400	-	3	82	51
19	AIB-6'	360X365X1830	20/22	3	750 X 2	1400	-	2.1 X 2	85	76
20	AIB-2 mtr.	360X365X2000	20/22	3	750 X 2	1400	-	2.1 X 2	85	79
Almonard Smart Model Type										
21	A.Smart--3'	290x190X915	11//12	2	150	1400	1.5	-	62	20
22	A.Smart--1 mtr.	290x190X1000	11//12	2	150	1400	1.5	-	62	21
23	A.Smart--4'	290x190X1220	11//12	2	150	1400	1.5	-	64	25
24	A.Smart--5'	290x190X1525	11//12	2	150	1400	1.5	-	64	28
25	A.Smart--6'	290x190X1830	11//12	2	150 X 2	1400	1.5 X 2	-	66	33
26	A.Smart--2 mtr.	290x190X2000	11//12	2	150 X 2	1400	1.5 X 2	-	66	37
Almonard Silent Model Type										
27	AHV-2' Silent	295X230X610	8//9	2	150	960	1.5	-	60	20
28	AHV-3' Silent	295X230X915	8//9	2	150	960	1.5	-	60	24
29	AHV-1 mtr. Silent	295X230X1000	8//9	2	150	960	1.5	-	60	25
30	AHV-4' Silent	295X230X1220	8//9	2	180	960	2.5	-	62	29
31	AHV-5' Silent	295X230X1525	8//9	2	250	960	3.4	-	62	34
32	AHV-6' Silent	295X230X1830	8//9	2	150 X 2	960	1.5 X 2	-	65	40
33	AHV-2 mtr. Silent	295X230X2000	8//9	2	150 X 2	960	1.5 X 2	-	65	42

For AIB Models Sensors/Limit switches are not recommended for continuos / frequent operations as it will affect the life of impeller.

REGD. TRADE MARK

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