

Industrial » AXIAL FLOW FANS

ALMONARD has been founded by technocrats, the pioneers in this field for more than 3 decades. Almonard Axial flow fan is suited for a large number of air handling applications in land and marine installations, commercial, industrial process and environment ventilation. Almonard manufactures regular series of fans and custom built fans to cater the specific needs of automobile, chemical, nuclear, cement, steel, paper sugar, textile plants, general engg. Foundries jute mills, brewery, hotels, and marine duty application etc.



AXIAL FLOW FAN TYPE :

- Belt drive
- Bell mouth
- Duct Type
- Roof Fixing
- Bifurcated
- Bed Type
- Split Type (Marine Duty)
- Wall Mounting

APPLICATIONS :

Almonard Axial flow fans are widely used in ventilation, pressurisation, humidification, evaporative cooling towers, kitchen ventilation, fume exhaust system, dry spray paint booth, marine duty and roof extractor etc.

DESIGN FEATURES :

Almonard Axial flow fans are compact, easy installing and highly reliable in operation. It is designed for optimum realisation blades and cast Aluminium alloy with fixed and variable pitch.

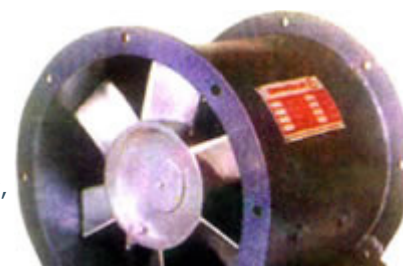


PRODUCTION RANGE :

- Almonard axial flow fans have wide range of fans including multistage high performance.
- ALMONARD Axial flow fans are available in five series.
- AD series available in size 300mm-1600mm with fixed pitch impeller of 6 Nos blade.
- ADV series available in size 300mm-1200mm with adjustable pitch impeller of 4/6/8 nos blades.
- AW series available in size 300mm-900mm
- ARE series available in size 450, 600 & 900mm with fixed & adjustable pitch impeller.

DISTINGUISHING FEATURES :

- High Efficiency
- Aerofoil design
- Robust Construction to Reduce Vibration
- Low Noise Level
- Special Coating & Lining for casing & impeller (GRP, FRP, PP, RUBBER, EPOXY)
- Low Weight / High Strength



- Identical Air performance for all blade impellers
- Vibration free as VDI-2056
- Aerodynamic performance Tested as per IS 3588
- Possibility of reverse direction of air flow by turning the blade through.



DUC MOUNTED TYPE AXIAL FLOW FAN IN TEST RIG

READY REFERENCE AIR FLOW CHART FOR AXIAL FLOW FAN @ 20' C, 760 MM Hg (MSL) AIRFLOW IN CU.M/HR

SL NO.	SIZE	HP/RPM	FAD	STATIC PRESSURE IN MM WG				
				5	10	15	20	25
1	AD-300	0.25/1330	1300	500	-	-	-	-
2	AD-300	0.25/2650	2600	2300	2050	1500	900	-
3	AD-350	0.25/1330	1950	900	-	-	-	-
4	AD-350	0.25/2650	4000	3700	3400	3100	2200	1600
5	AD-375	0.25/1330	2400	1100	-	-	-	-
6	AD-375	0.5/2780	4920	4550	4180	3810	2700	1960
7	AD-400	0.25/1330	3100	2400	1000	-	-	-
8	AD-400	0.75/2780	6100	5800	5450	5000	4400	3700
9	AD-450	0.25/1330	4500	3700	1900	800	-	-
10	AD-450	2/2800	9000	-	-	7800	7400	6800
11	AD-500	0.5/1370	6100	5300	4000	2100	-	-
12	AD-500	3/2840	12500	-	-	11100	11600	10250
13	AD-550	0.75/1400	8200	7500	6150	3500	2000	-
14	AD-600	1/1400	11000	9800	8750	7000	4000	3000
15	AD-700	2/1400	17500	16500	15000	14000	12500	8500
16	AD-750	2/1400	21525	20300	18450	17200	15375	9840
17	AD-800	5/1420	26000	-	23500	22000	20500	18300
18	AD-900	2/925	24000	22000	19000	16500	9000	7500
19	AD-900	7.5/1440	38000	-	-	34500	33000	31500
20	AD-1000	5/925	34000	-	29000	26000	16000	12500
21	AD-1000	12.5/1440	35000	-	45000	40000	38000	35000
22	AD-1200	10/950	60000	-	-	50000	47500	45000

FURTHER HIGHER SIZES / CAPACITIES & PRESSURES ARE AVAILABLE ON REQUEST FAD

MEANS FREE AIR DELIVERY OF FAN IN CU.M/HR

Almonard products are guranteed for 1 years



www.almonard.com

ALL RIGHTS RESERVED AT ALMONARD PVT LIMITED