MAINLAND ENGINEERING PVT. LTD.

APOLLO CENTRIFUGAL FLOW FAN

Salient Features :

- Suitable for Continuous Fermenting Machine
- Smooth mechanical Performance.
- Vibration free operation.
- Optimum air delivery at minimum power consumption

APOLLO AXIAL FLOW FAN

Salient Features :

- Suitable for withering troughs
- Aero-dynamically designed and dynamically six bladed aluminium impeller for power economy and low noise level.
- Available with both fixed and adjustable blades.
- Impeller directly mounted on motor shaft.
- Heavy duty vibration free casting

We deliver Technology, Quality -with Experience.

APOLLO AIR AXIAL FLOW FAN (FOR WITHERING TROUGHS)

PERFORMANCE CHARECTERISTICS

The impeller blades and the hub are made of high grade cast aluminium alloy. (IM - 6 of BS 1490/IS 617 GV 6700) The assembled rotor is dynamically balanced before mounting directing on the motorshaft and tested for vibration,noise level, air delivery and static pressure. The cylindrical casing is fabricated of 3mm thick M.S. sheet (as per IS - 1079/15), with the motor base plate, of 6/8 mm thickness, welded inside at correct height to ensure its concentrity with the impeller axis when assembled with the motor. Flages of 50mm height are provided at both at ends with 12mm diameter holes for connection to the duct works leading to the transition piece before the air plenum chambers of the equipment to suit the desired working mode (suction or blowing) like in the case of the Withering Trough. Mounting legs are fitted for use if needed.

Protection guard, fabricated of weld mesh on a circular metal frame is bottled at the free end of the ca sting to suit the desired working mode (suction or blowing).

APOLLO AXIAL FLOW FAN

TECHNICAL SPECIFICATIONS

MODEL	Impeller Diameter		Motor /3-ph 415 V/50hz		Air Floor Rate (Air Delivery)		Disch.Air Velocity		Static Pressure		Total Pressure		Shaft BHP
	Inch	mm	hp	rpm	cfm	m3/hr	ft/min	m/sec	inch	mm	inch	mm	hp
AAF - 403	40	1016	3	960	19000	32306	2178	11.1	0.5	12.7	0.78	19.9	2.6
AAF - 483	48	1219	3	960	23500	39957	1871	9.5	0.5	12.7	0.71	18.0	2.9
AAF - 485	48	1219	5	960	29500	50159	2349	11.9	0.5	12.7	0.83	21.1	4.3
AAF - 487	48	1219	7.5	960	37000	62912	2946	15.0	0.5	12.7	1.02	25.09	6.6
AAF - 541	54	1372	10	960	48000	81615	3020	15.3	0.5	12.7	1.05	26.6	8.8

APOLLO AIR CENTRIFUGAL CENTRE

PERFORMANCE CHARECTERISTICS

Apollo-AIR CENTRIFUGAL FANS are used for providing cold air Trough Fermentation units of Fermenting Machines. Impellers are die pressed in mild steel to obtain correct blade profiles. The complete impeller assembly is mounted on heavy duty bearing & housed in mild steel casing. The fans may be arranged for motor drive, clockwise or counter-clockwise rotation with different discharge arrangements.

Single-vane or Butterfly type Dampeners for Centrifugal Fans can also be supplied.

Hot Air Centrifugal Fans for use in Withering Troughs along with Indecued Draught Fans are also supplied.

APOLLO AIR CENTRIFUGAL CENTRE

TECHNICAL SPECIFICATIONS

MODEL	IMPELLER DIA	STATIC PRESSURE	AIR DELIVERY		FAN RPM	MOTOR		
			CFM	M3/HR		KW	HP	RPM
ACF - 1	19	2.5" W.G	6000	10200	822	3.7	5	1440
ACF - 2	24"	2.5" W.G	8000	13520	780	5.5	7.5	1440

APOLLO-AIR INDUCED DRAUGHT FANS

TECHNICAL SPECIFICATIONS

MODEL	IMPELLER DIA	MOTOR			FAN RPM	STARTER
		KW	HP	RPM		
AID-1	20	3.7	5	1440	600	DOL
AID-2	25	3.7/5.5	5 OR 7.5	1440	600	DOL/FASD
AID-3	30	7.5	10	1440	600	DOL/FASD

MAINLAND ENGINEERING PVT. LTD.

Office & Works : Vivekananda Industrial Estate, Baltikuri, Howrah - 711 113, W.B., India

E-mail : vagarwal.mainland@gmail.com

Mobile : +91 98300 34028 / 90070 23402 Office No : +33 2653 3330