



# BOX Pressure fan72"

Stay cool with topcool



**Name: Box pressure fan72**

**Size: 72"**

**Detail product:**

Topcool composite fiber pressure fan provide energy efficient and cost-effective way for intake air from outside and bring inside divers application.

**Optimum application:**

72" composite fiber pressure box fan is the optimum solution for cold climate. This fan offers superior performance and good efficiency

**Other environment:**

Ideal for milk room ventilation in dairy and special industrial application.

## Topcool features:

**Housing:**

- 1.Made with reinforcement fibber composite high density, durable, sturdy, and corrosion free
- 2.Thicker layer of U.V. protection on composite surface
- 3.Extra layer of resin inside to give smooth surface for easy maintenance and cleaning
- 4.Air flow design to maximize the efficiency
- 5.Inside mounting is flush, eliminating obstruction along walkways.
- 6.Aerodynamic housing tunnel and cone encourages free air flow
- 7.Insulated exhaust housing and louver offer a tight seal for cold weather

**Propeller:**

- 1.Heavy duty precision bearing assembly with protection seal and special "TOPCOOL" grease
- 2.Shaft fix on quick base mount
- 3.Blade are made with aluminum

alloy 2.5 mm thicker

4.Belt: super high efficient moulded notch model XPA

5.Inner belt tensioned are standard with large diameter pulley

6.Long belt, can change easy around the paddle "Quick change belt"

**Motor:**

- 1.Standard motors are totally enclosed high efficiency
- 2.All motors are designed and rated for years of trouble free operation.
- 3.Quiet operation on all range of speed.

**Support and frame:**

- 1.Built in central I beam steel support, fix inside housing and attach on top and bottom of wall building, this design provides a strong vertical support that aligns the propeller centered in the orifice for maximum performance.
- 2.Motor are fix on slider motor base quick attach.

3.Stainless steel hardware #304.

**Guard:**

1.heavy gauge Zinc galvanized wire and power coating finishing prevent corrosion

**Shutter:**

- 1.Design to lowers air flow resistance with preventing back drafts.
- 2.The insulated outside shutters are powered by actuator. Each insulated shutter door have a tight seal to keep infiltration of air inside the building
- 3.The actuator is power with 1phase motor 220volts

**Optional accessories:**

- 1.Motor 1 phase or 3 phase
- 2.OSHA safety guard
- 3.Thermally protection
- 4.Variable frequency drive (VFD)
- 5.Other configuration available on request.





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## FEATURE POINTS



A)Post mounting



B)Shaft and base



C)Shutter

## PICTURE APPLICATION



## CONFIGURATIONS & PERFORMANCE DATA

topcool parts no:	Nominal size	Power (kw)	Volts	AMPS	Hz	Motor Spd	kW input	RPM	CFM (0" SP)	CFM/W	CFM (0.05" SP)	CFM/W	CFM (0.10" SP)	CFM/W	CFM (0.15" SP)	CFM/W	CFM (0.20" SP)	CFM/W	AFR	Drive	Blade	Test ref #
84-9260-0	72"	2.2	230	15.5	60	1725	2,200	340	42,353	20.2	41,294	19.2	40,235	18.3	37,059	16.5	33,882	14.7	82%	6/BD	Alu	-
84-9261-0	72"	2.2	220/380	8.3/5.0	50	var	2,200	340	42,353	20.2	41,294	19.2	40,235	18.3	37,059	16.5	33,882	14.7	82%	6/BD	Alu	-
84-9105-0	72"	2.2	230/460	8.4/4.2	60	var	2,200	340	42,353	20.2	41,294	19.2	40,235	18.3	37,059	16.5	33,882	14.7	82%	6/BD	Alu	-

\*Other configuration are available.

\*For complete description and detail call now

\*Air Flow Ratio (AFR) here is calculated by dividing the CFM at .20 static pressure by the CFM at .05 static pressure.

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Additional information is available at [www.topcool.co](http://www.topcool.co)

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**Representative:**

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