

Independent test lab results show DEL-AIR's Northwind direct drive, axial fans to be the most energy efficient in the industry. The Northwind fans have been designed for efficient, trouble-free use in confinement barns for year round ventilation. The straight-wall housing makes installation a breeze.

DEL-AIR exhaust fans are conveniently named for their air moving capacity to simplify selection and sizing. Five sizes to choose from deliver 750 to 10,000 cfm. All Northwind fans come with the trademark engineered weather hoods, ensuring the fan will perform in all weather conditions.

DEL-AIR's reputation for durability comes from well-engineered construction of polyethylene, stainless steel, nylon, and other corrosion-proof materials. These fans can be used for exhaust or re-circulation in a wide variety of configurations.

When farming relies on healthy livestock . . . farmers rely on DEL-AIR.

## Northwind Fans

North America's #1 Exhaust Fan



A high energy-efficient North-American built motor powers this fan. It is variable speed controllable to adapt to any requirement. Double-sealed ball bearings provide maximum protection and long life. Backed by a 3-year warranty, this fan is the leader in the industry.



Stainless Steel Motor



DEL-AIR fans are built to withstand the extremes – Canadian winters to Australian summers.

**DEL-AIR**  
S Y S T E M S

ISO 9001 PENDING

# Northwind Fan Specifications

MODEL	AIRFLOW		EFFICIENCY CFM/Watt (m <sup>3</sup> /hr)	ROUGH OPENING			ATTACHMENTS	
	@ 0.05" wg CFM			Width inches (mm)	Height inches (mm)	Diameter inches (mm)	Standard	Optional
NW750	646	(1641)	4.8	12.00 (310)	12.00 (310)	8.00 (200)		
NW750P*	720	(1223)	4.9	12.00 (310)	12.00 (310)	8.00 (200)		
NW1200*	1220	(2073)	6.8	17.00 (432)	17.00 (432)	12.00 (310)		
NW1200P*	1310	(2225)	7.3	16.00 (410)	16.00 (410)	12.00 (310)		
NW2K*	2355	(5982)	9.8	19.00 (480)	19.00 (480)	16.00 (410)		
NW2KP*	2500	(6350)	11.0	19.00 (480)	19.00 (480)	16.00 (410)		
NW4K	4410	(7493)	12.2	22.50 (580)	25.00 (640)	20.25 (520)		
NW4KP	4550	(7730)	13.1	22.50 (580)	25.00 (640)	20.25 (520)		
NW6K	6190	(10517)	15.1	31.50 (800)	31.50 (800)	27.00 (690)		
NW6KP	6490	(11027)	16.1	31.50 (800)	31.50 (800)	27.00 (690)		
NW10K	9130	(15512)	18.1	43.00(1100)	43.00(1100)	36.50 (930)		
NW10KP	9520	(16175)	20.3	43.00(1100)	43.00(1100)	36.50 (930)		
NW20K	23000	(29017)	17.0	56.50(1435)	56.50(1435)	48.00(1219)		
CF2K*	2100	(3568)	9.8	19.00 (480)	19.00 (480)	16.00 (410)		
CF4K*	4410	(7493)	12.2	22.50 (580)	25.00 (640)	20.25 (520)		
CF6K*	6190	(10517)	15.1	31.50 (800)	31.50 (800)	27.00 (690)		
CF10K*	9130	(15512)	18.1	43.00(1100)	43.00(1100)	36.50 (930)		
TF500*	691	(1174)	5.7	-	-	8.00 (200)	fits 8", 10" or 12" Pipe	
TF2000*	2355	(5982)	11.0	18.00 (457)	18.00 (457)	16.00 (410)		
TF4000*	4550	(7730)	13.1	22.00 (559)	22.00 (559)	20.00 (500)		
TF6000*	6490	(11027)	16.1	30.00 (762)	30.00 (762)	28.00 (711)		
TF10,000*	9520	(16175)	20.3	38.00 (965)	38.00 (965)	36.00 (914)		

All fans tested by PAMI or B.E.S.S. Labs unless otherwise indicated.

\* Manufacturer's test results.



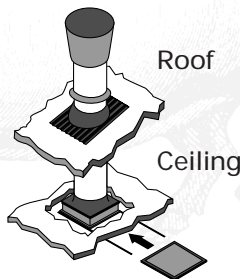
## Northwind Fans



## Butterfly Damper



## Chimney Fan Cross Section



\*All DEL-AIR fans operate 208/230 VAC 60/50 Hz except for NW750 and the TF500 which are 115 VAC only.

## Product Features

- Energy-efficient
- 3-year warranty
- Variable speed control
- Trademark wind hoods
- Polyethylene construction
- Nylon and stainless steel hardware
- Direct drive
- Weather protected
- Independent lab tested
- CSA approved

## Typical Applications

Exhaust fans are sized to deliver different levels of ventilation at different stocking levels and outdoor weather conditions. Winter ventilation rates are often 1/10 to 1/20 the maximum summer capacity. Variable speed fans allow for some flexibility, but at least two sizes of fans are often required in a room to meet changing conditions. Consult your DEL-AIR representative for recommendations.