

Tube Axial Duct Fans

MODEL ND – TUBE AXIAL DUCT FAN – DIRECT DRIVE



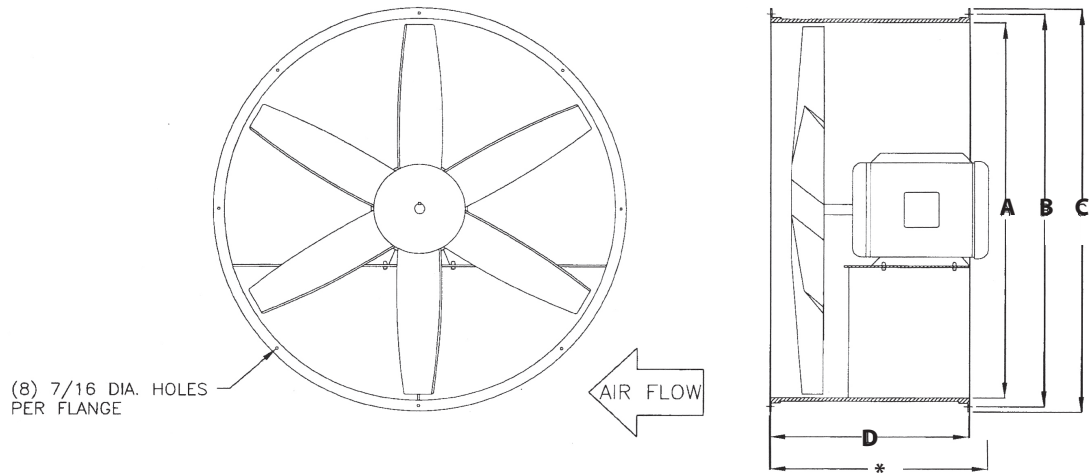
APPLICATION

Designed for use in dry maximum 104°F environments to economically remove fumes, dust or smoke. Suitable for use in the following applications:

- Air make-up systems where motor must be located in the airstream
- Hazardous locations when equipped with explosion proof motor
- Harsh, dry environments when equipped with mill and chemical duty motors and special coating.

FEATURES AND BENEFITS

- Standard propellers are non-sparking cast aluminum.
- Fan housing is all welded, heavy gauge steel construction.
- Motors are high quality industrial grade available in single or three phase - totally enclosed or explosion proof.



DIMENSIONS **subject to change without notice*

MODEL	A	B	C	D	HP
ND12	12"	13 1/8"	14"	14"	1/4-3/4
ND18	18"	19 1/8"	20"	14"	1/4-1
ND24	24"	25 3/4"	27"	18"	1/4-3
ND27	27"	28 3/4"	30"	18"	1/2-2
ND30	30"	31 3/4"	33"	18"	1/2-3
ND34	34"	35 3/4"	37"	18"	1 1/2-5
NDL36	36"	37 7/8"	39"	18"	2-3
NDL42	42"	43 9/16"	45"	18"	1-5
NDL48	48"	49 5/8"	51"	18"	3-5
NDL60	60"	61 5/8"	63"	36"	7 1/2-15

OPTIONAL ACCESSORIES

- Companion flanges
- Horizontal support legs
- Horizontal or vertical support brackets
- Inlet or outlet guards – OSHA compliant
- Inspection door
- Epoxy or urethane coatings



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PERFORMANCE DATA

Blade Dia.	Model	Prop	HP	RPM	Free Air	CAPACITY C.F.M.						
						1/8" SP	1/4" SP	3/8" SP	1/2" SP	3/4" SP	1" SP	1-1/4" SP
12"	ND12-A	CA101	1/4	1725	1180	930	520	---	---	---	---	---
	ND12-C	CA101	1/2	3450	1875	1650	1400	1320	1250	1100	660	---
	ND12-D	CA102	3/4	3450	2044	1960	1920	1820	1650	1500	1100	---
18"	ND18-A	CA105	1/4	1725	3450	3050	2500	1200	---	---	---	---
	ND18-B	CA232	1/3	1725	3375	3000	2600	2000	1400	---	---	---
	ND18-C	CA161	1/2	1725	4150	3850	3150	2800	1700	---	---	---
	ND18-E	CA107	1	1725	4600	4375	4080	3600	3000	2100	1550	---
24"	ND24-A	CA130	1/4	1725	5200	4200	2820	1050	---	---	---	---
	NDL24-B	CA109	1/3	1140	4975	4690	4250	3920	2850	---	---	---
	ND24-C	CA108	1/2	1725	6510	5880	5200	4150	3100	1800	---	---
	ND24-D	CA191	3/4	1140	6900	6450	6265	5600	3300	---	---	---
	ND24-E	CA109	1	1725	7425	7000	6350	5850	5000	3300	1775	---
	ND24-G	CA162	2	1725	9525	9196	8810	8360	7980	6960	3000	---
	ND24-H	CA191	3	1725	10500	9800	9500	9100	8700	7800	5000	3600
27"	ND27-C	CA121	1/2	1725	7550	6820	6000	5100	4000	2000	---	---
	ND24-E	CA110	1	1725	9600	9000	8400	7775	7050	4800	---	---
	ND27-G	CA111	2	1725	11500	11200	10700	10000	9300	8000	5900	3600
30"	ND30-C	CA112	1/2	1725	8980	7650	6300	5400	4350	2300	---	---
	NDL30-D	CA113	3/4	1140	10440	9750	8750	7640	6000	---	---	---
	ND30-G	CA250	2	1725	12000	11250	10450	9600	8700	6000	4100	---
	NDL30-G	CA115	2	1140	14000	13750	12900	11850	10450	2500	---	---
ND30-H	CA113	3	1725	16000	15350	14700	13850	12900	10200	8000	6000	
34"	ND34-F	CA116	1 1/2	1725	13350	12100	10000	9100	7300	---	---	---
	ND34-G	CA188	2	1725	14850	13600	12100	10450	8800	4000	---	---
	NDL34-G	CA163	2	1140	15950	15100	13800	12500	11400	---	---	---
	NDL34-H	CA123	3	1140	19300	18290	17230	16000	14800	11614	4000	---
	ND34-I	CA128	5	1725	21000	19850	18900	18200	17500	14850	9300	---
36"	NDL36-G	CA117	2	1140	17620	16500	15200	13620	12300	8500	---	---
	ND36-H	CA134	3	1725	18500	17700	15700	15100	13900	11500	8550	---
	NDL36-3	CA221	3	1140	20500	19500	18500	17100	15850	11600	6500	---
42"	NDLL42-E	CA165	1	870	15800	15200	13480	12310	5800	900	---	---
	NDL42-G	CA165	2	1140	17964	17277	15326	13990	12351	7600	---	---
	NDLL42-G	CA119	2	870	22040	21000	20500	18500	15000	6000	---	---
	NDL42-H	CA239	3	1140	24500	23150	23000	22000	19650	14000	10000	---
	NDL42-I	CA119	5	1140	28970	27960	26840	25700	24200	19500	13800	2000
48"	NDL48-H	CA137	3	1140	28600	26500	24400	22000	20000	15900	11000	---
	NDLL48-H	CA139	3	870	28700	26500	24200	21600	18500	10000	---	---
	NDL48-I	CA138	5	870	33000	31500	29750	27650	25300	18000	---	---
60"	NDL60-I	CA228	7 1/2	870	47000	45500	43600	41000	38700	33000	24000	---
	NDL60-K	CA143	10	870	57200	54400	51000	48500	45000	38000	29500	---
	NDL60-L	CA227	15	870	60750	58875	56625	54375	51750	47625	42000	34500

MODEL NUMBER SCHEMATIC

