



THE NEW YORK BLOWER COMPANY
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ENGINEERING SUPPLEMENT
ES-174
June 2007

ARRANGEMENT 9 TUBULAR ACOUSTAFoil FANS
V-BELT DRIVE
Minimum-Maximum Center-to-Center Distances [in inches]

1. All belt center distances shown are in inches.
2. For belt center distances or specific drive information for motor frame sizes not shown below, consult **nyb**.
3. When selecting belt centers, avoid minimum and maximum extremes to assure ease of mounting and tension.
4. Consult the product bulletin to determine minimum/maximum motor size capability.

5. Because of inner tube space limitations, maximum fan sheave sizes (O.D.) allowable are as follows:

12 to 15	6.6
18 to 22	7.6
24 to 30	9.0
33 to 44	14.0
49 to 60	19.0
66 to 73	21.0

Size	Motor Frame Size									
	56	143T -145T	182T -184T	213T -215T	254T - 256T	284T - 286T	324T - 326T	364T - 365T	404T - 405T	444T - 445T
12	14.5 - 20.0	14.5 - 19.5	15.5 - 20.5	16.2 - 21.2	--	--	--	--	--	--
15	16.3 - 21.8	17.0 - 20.0	17.3 - 22.3	18.1 - 23.1	--	--	--	--	--	--
18	19.3 - 22.8	19.3 - 22.8	20.3 - 23.8	21.0 - 24.5	22.0 - 25.5	22.8 - 26.3	--	--	--	--
22	21.3 - 26.8	21.3 - 26.3	22.3 - 27.3	23.1 - 28.1	24.1 - 29.1	24.8 - 29.8	25.8 - 30.8	--	--	--
24	--	22.9 - 27.9	23.9 - 28.9	24.7 - 29.7	25.7 - 30.7	26.4 - 31.4	27.4 - 32.4	--	--	--
27	--	24.6 - 29.6	25.6 - 30.6	26.4 - 31.4	27.4 - 32.4	28.1 - 33.1	29.1 - 36.2	30.1 - 35.1	--	--
30	--	--	27.7 - 32.7	28.4 - 33.4	29.4 - 34.4	30.2 - 35.2	31.2 - 36.2	32.2 - 37.2	--	--
33	--	--	--	30.5 - 35.5	31.5 - 36.5	32.2 - 37.2	33.2 - 38.2	34.2 - 39.2	35.2 - 40.2	--
36	--	--	--	32.9 - 37.9	33.9 - 38.9	34.6 - 39.6	35.6 - 40.6	36.6 - 41.6	37.6 - 42.6	--
40	--	--	--	--	36.4 - 41.4	37.2 - 42.2	38.2 - 43.2	39.2 - 44.2	40.2 - 45.2	--
44	--	--	--	--	39.4 - 44.4	40.1 - 45.1	41.1 - 46.1	42.1 - 47.1	43.1 - 48.1	--
49	--	--	--	--	--	43.2 - 48.2	44.2 - 49.2	45.2 - 50.2	46.2 - 51.2	--
54	--	--	--	--	--	--	47.8 - 52.8	48.8 - 53.8	49.8 - 54.8	--
60	--	--	--	--	--	--	51.8 - 56.8	52.8 - 57.8	53.8 - 58.8	--
66	--	--	--	--	--	--	--	--	57.8 - 62.8	57.8 - 63.8
73	--	--	--	--	--	--	--	--	62.6 - 67.6	62.6 - 68.6

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