



WATER ENERGY DISTRIBUTORS, INC.

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Duct Sizing Guide

Technical Bulletin 2007-06

Req'd CFM	Supply Diameter	Rectangular Choices						Return Diameter	Req'd CFM
37	5 in	2 ¼ x 10	3 x 8	3 ½ x 6	4 x 5 ½	5 x 5	5 in	37	
63	5 in	2 ¼ x 10	3 x 8	3 ½ x 6	4 x 5 ½	5 x 5	6 in	63	
100	6 in	3 ¼ x 10	4 x 8	5 x 6	5 ½ x 5 ½		7 in	100	
152	7 in	3 ¼ x 10	4 x 11	5 x 8 ½	6 x 7	6 ½ x 6 ½	8 in	152	
212	8 in	4 x 15	5 x 12	6 x 10	7 x 8	8 x 8	9 in	212	
226	8 in	4 x 15	5 x 12	6 x 10	7 x 8	8 x 8	10 in	226	
277	9 in	5 x 15	6 x 12	7 x 10	8 x 9	8 ½ x 8 ½	10 in	277	
304	9 in	5 x 15	6 x 12	7 x 10	8 x 9	8 ½ x 8 ½	12 in	304	
393	10 in	6 x 15	7 x 13	8 x 11	9 x 10	9 ½ x 9 ½	12 in	393	
411	12 in	7 x 18	8 x 16	9 x 14	10 x 12	11 x 11	12 in	411	
655	12 in	7 x 18	8 x 16	9 x 14	10 x 12	11 x 11	14 in	655	
680	14 in	8 x 22	9 x 19	10 x 17	11 x 15	12 x 14	13 x 13	14 in	680
995	14 in	8 x 22	9 x 19	10 x 17	11 x 15	12 x 14	13 x 13	16 in	995
1325	16 in	8 x 30	10 x 22	12 x 18	14 x 16	15 x 15	18 in	1325	
1450	16 in	8 x 30	10 x 22	12 x 18	14 x 16	15 x 15	20 in	1450	
1750	18 in	8 x 40	10 x 30	12 x 24	14 x 20	16 x 17	16 ½ x 16 ½	20 in	1750
2000	18 in	8 x 40	10 x 30	12 x 24	14 x 20	16 x 17	16 ½ x 16 ½	22 in	2000
2250	20 in	10 x 38	12 x 30	14 x 26	16 x 22	18 x 19	18 ½ x 18 ½	22 in	2250
2600	20 in	10 x 38	12 x 30	14 x 26	16 x 22	18 x 19	18 ½ x 18 ½	24 in	2600
2900	22 in	12 x 36	14 x 30	16 x 26	18 x 23	20 x 20	24 in	2900	
3400	22 in	12 x 36	14 x 30	16 x 26	18 x 23	20 x 20	24 in	3400	
3600	24 in	14 x 38	16 x 32	18 x 28	20 x 25	22 x 22	26 in	3600	
4300	24 in	14 x 38	16 x 32	18 x 28	20 x 25	22 x 22	26 in	4300	
5250	26 in	16 x 38	18 x 32	20 x 30	22 x 24	24 x 24	28 in	5250	
6125	28 in	18 x 38	20 x 34	22 x 30	24 x 28	26 x 26	30 in	6125	
6500	28 in	18 x 38	20 x 34	22 x 30	24 x 28	26 x 26	32 in	6500	
7250	30 in	20 x 40	22 x 38	24 x 32	26 x 30	28 x 28	34 in	7250	
7800	30 in	20 x 40	22 x 38	24 x 32	26 x 30	28 x 28	34 in	7800	
8500	32 in	22 x 40	24 x 38	26 x 34	28 x 32	30 x 30	36 in	8500	
9200	32 in	20 x 40	24 x 38	26 x 34	28 x 32	30 x 30	36 in	9200	
9800	34 in	24 x 42	25 x 40	26 x 38	28 x 34	30 x 32	38 in	9800	
10900	34 in	24 x 42	25 x 40	26 x 38	28 x 34	30 x 32	31 x 31	38 in	10900
		28 x 40	30 x 36	32 x 34	33 x 33		31 x 31	40 in	
		30 x 42	32 x 38	34 x 36	35 x 35				
		30 x 45	34 x 40	36 x 38	37 x 37				