



Application

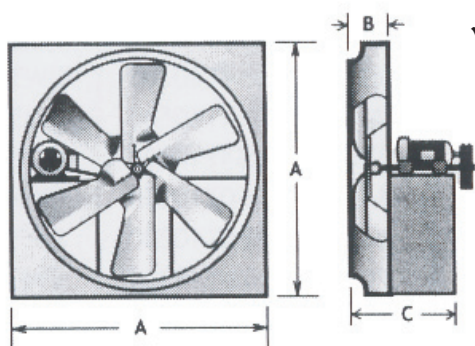
- Designed for general ventilation in commercial and light duty industrial applications such as factories, warehouses, gymnasiums and underground parking garages
- Typically used for low-pressure applications with little to no duct work
- The series "BW" is designed and constructed for efficient and economical operation at low speeds and low noise levels
- Fan can be used in exhaust or supply applications
- Explosion-proof exhausters are available upon request



Belt Drive Series BW

Standard Features

- ✓ Heavy gauge steel fan panel with deep spun venturi for maximum efficiency
- ✓ Heavy gauge, welded steel motor and bearing supports
- ✓ Galvanized, heavy gauge, steel fan blades that are statically and dynamically balanced
- ✓ Heavy-duty cast iron pillow block bearings
- ✓ TEFC motors



Accessories

- ☐ Cabinet
- ☐ Sleeve
- ☐ Guard
- ☐ Back draft

Model#	A	B	C	D
BW24	29 5/8	6 1/2	15 1/2	24
BW30	35 5/8	6 3/4	16	30
BW36	41 5/8	7	16 1/2	36
BW42	47 5/8	7 3/4	17	42
BW48	53 5/8	7 3/4	17	48
BW54	59 5/8	9	21	54
BW60	67 5/8	7 3/4	21 3/4	60

The future is clean air ... the future is Sourcetek®

Sourcetek Belt Drive Wall Exhauster "BW" Series

Performance Chart

Fan Size	Motor HP	Fan RPM	CFM at Static Pressure shown						dBA at 5 ft.	Catalogue Number	
			0"	1/8"	1/4"	3/8"	1/2"	5/8"		single-phase	three-phase
24"	1/4	625	4331	3661	2156				59	BW24T10025	BW24T30025*
	1/3	670	4643	4038	2488				61	BW24T10033	BW24T30033*
	1/2	805	5578	5112	4405	2934			65	BW24T10050	BW24T30050*
	3/4	925	6410	6030	5526	4731	3354		70	BW24T10075	BW24T30075*
	1	1040	7207	6883	6457	5930	5143	3793	73	BW24T10100	BW24T30100*
30"	1/3	470	6658	4717	1948				59	BW30T10033	BW30T30033*
	1/2	565	8004	6689	4298	2119			63	BW30T10050	BW30T30050*
	3/4	640	9067	8014	6073	4220	2203		66	BW30T10075	BW30T30075*
	1	715	10129	9223	7790	5688	4248	2452	69	BW30T10100	BW30T30100*
	1.5	830	11758	11032	10045	8530	6647	5543	73	BW30T10150	BW30T30150*
36"	1/2	410	9854	7547	3560				59	BW36T10050	BW36T30050*
	3/4	460	11056	9197	5120	2876			63	BW36T10075	BW36T30075*
	1	515	12378	10847	7976	4784	2740		67	BW36T10100	BW36T30100*
	1.5	605	14541	13394	11542	8258	5859	4122	71	BW36T10150	BW36T30150*
	2	675	16223	15195	13750	11831	8029	6506	73	BW36T10200	BW36T30200*
42"	3/4	330	11755	8579	3357				58	BW42T10075	BW42T30075*
	1	390	13892	11596	5764	3462			63	BW42T10100	BW42T30100*
	1.5	465	16564	14700	12037	6386	4670		68	BW42T10150	BW42T30150*
	2	510	18167	16479	14514	9114	6418	4770	71	BW42T10200	BW42T30200*
	3	590	21016	19575	18030	15887	10630	7882	75	BW42T10300	BW42T30300*
48"	1	330	18658	14895	7243	3301			63	BW48T10100	BW48T30100*
	1.5	380	21485	18589	12083	7263	3754		67	BW48T10150	BW48T30150*
	2	425	24030	21457	17737	10447	7459	4205	70	BW48T10200	BW48T30200*
	3	485	27422	25190	22472	18073	11634	9008	74	BW48T10300	BW48T30300*
	5	585	33076	31236	29331	26834	23759	17330	80	BW48T10500	BW48T30500*
54"	1.5	315	24281	20657	10405	5754	2747		65	BW54T10150	BW54T30150*
	2	345	26593	23275	15840	8821	5199	2455	68	BW54T10200	BW54T30200*
	3	400	30832	28008	24336	14731	10317	6921	72	BW54T10300	BW54T30300*
	5	475	36613	34384	31798	28018	19368	13736	76	BW54T10500	BW54T30500*
	7.5	545	42009	40171	37818	35727	31930	24931	81	BW54T10750	BW54T30750*
60"	1.5	275	28093	23231	12618	6346	3157		64	BW60T10150	BW60T30150*
	2	300	30647	26162	17561	9965	5469	2822	66	BW60T10200	BW60T30200*
	3	345	35244	31470	27438	16612	11289	7142	70	BW60T10300	BW60T30300*
	5	420	42906	40193	36504	33232	23610	17734	76	BW60T10500	BW60T30500*
	7.5	485	49546	47400	44167	41266	38377	30896	81	BW60T10750	BW60T30750*

NOTE: Other performances are available - consult factory
dBA ratings shown are measured at 0" static pressure. Should be used as a guide only.
Fan blades tested in accordance with AMCA standard 210, figure 12

* sub "M" for 230/460 volt or "P" for 575 volt

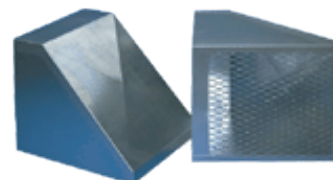
ACCESSORIES



back draft
damper / shutter



galvanized
rear sleeve



weather
hoods

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