



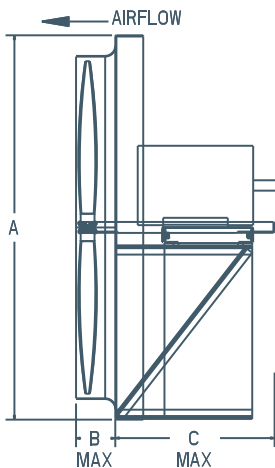
Sourcetek

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 #	BLADE DIAMETER	A	B	C- BELT DRIVE -MOTOR FRAME	
				56-184	213-286
BW24	24"	29.625"	4.0"	18"	-
BW30	30"	35.625"	4.5"	18"	-
BW36	36"	41.625"	5.0"	18"	28"
BW42	42"	47.625"	5.0"	18"	28"
BW48	48"	53.625"	5.0"	18"	28"
BW54	54"	59.657"	5.5"	18"	28"
BW60	60"	67.657"	6.0"	18"	28"

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

Sourcetek Belt Drive Wall Exhauster "BW" Series

Performance Chart

Sourcetec Direct Drive Wall Exhauster "BW" Series

Fan Size	Motor HP	Fan RPM	CFM at Static Pressure Shown						dBA at 5ft.	Model #	
			0"	1/8"	1/4"	3/8"	1/2"	5/8"		Single Phase	Three Phase
24"	1/3	670	4875	4239	2570	-	-	-	61	BW24T10033	BW24T30033*
	1/2	805	5856	5367	4625	3080	-	-	65	BW24T10050	BW24T30050*
	3/4	925	6730	6331	5802	4967	3521	-	70	BW24T10075	BW24T30075*
	1.0	1040	7567	7227	6779	6779	5400	3982	73	BW24T10100	BW24T30100*
30"	1/3	470	6990	4952	2025	-	-	-	59	BW30T10033	BW30T30033*
	1/2	565	8404	6999	4469	2203	-	-	63	BW30T10050	BW30T30050*
	3/4	640	9520	8334	6315	4390	2291	-	66	BW30T10075	BW30T30075*
	1.0	715	10635	9591	8101	5915	4417	2550	69	BW30T10100	BW30T30100*
	1.5	830	12345	11473	10446	8771	6912	5764	73	BW30T10150	BW30T30150*
36"	1/2	410	10248	7848	3702	-	-	-	59	BW36T10050	BW36T30050*
	3/4	460	11498	9564	5324	2991	-	-	63	BW36T10075	BW36T30075*
	1.0	515	12873	11280	8295	4975	2849	-	67	BW36T10100	BW36T30100*
	1.5	605	15122	13929	12003	8588	6093	4286	71	BW36T10150	BW36T30150*
	2.0	675	16871	15802	14300	12304	8350	6766	73	BW36T10200	BW36T30200*
42"	3/4	330	12225	8922	3491	-	-	-	58	BW42T10075	BW42T30075*
	1.0	390	14447	12059	5994	3787	-	-	63	BW42T10100	BW42T30100*
	1.5	465	17226	15288	12518	6641	4856	-	68	BW42T10150	BW42T30150*
	2.0	510	18893	17138	15094	9478	6674	4960	71	BW42T10200	BW42T30200*
	3.0	590	21856	20538	18751	16552	11055	8197	75	BW42T10300	BW42T30300*
48"	1.0	330	19404	15490	7532	3433	-	-	63	BW48T10100	BW48T30100*
	1.5	380	22344	19332	12566	7553	3904	-	67	BW48T10150	BW48T30150*
	2.0	425	24991	22315	18446	10864	7757	4373	70	BW48T10200	BW48T30200*
	3.0	485	28518	26197	23370	18795	12099	9368	74	BW48T10300	BW48T30300*
	5.0	585	34399	32485	30504	27907	24709	18023	80	BW48T10500	BW48T30500*
54"	1.5	315	25252	21843	10821	5984	2856	-	65	BW54T10150	BW54T30150*
	2.0	345	27656	24206	16473	9173	5406	2553	68	BW54T10200	BW54T30200*
	3.0	400	32065	29128	25309	14945	10729	7197	72	BW54T10300	BW54T30300*
	5.0	475	38077	35759	33069	29232	20142	14285	76	BW54T10500	BW54T30500*
	7.5	545	43689	41777	39330	37156	33207	25928	81	BW54T10750	BW54T30750*
60"	1.5	275	29216	24160	13122	6599	3283	-	64	BW60T10150	BW60T30150*
	2.0	300	31872	27208	18263	10363	5687	2934	66	BW60T10200	BW60T30200*
	3.0	345	36653	32728	28535	17276	11740	7427	70	BW60T10300	BW60T30300*
	5.0	420	44622	41800	37964	34561	24554	18443	76	BW60T10500	BW60T30500*
	7.5	485	51527	49296	45933	42916	39912	32131	81	BW60T10750	BW60T30750*

NOTE: Other performances are available consult factory
 dBA ratings shown are measured at 0" static pressure. Should be used as guide only
 Fan blades are tested in accordance with AMCA standards

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

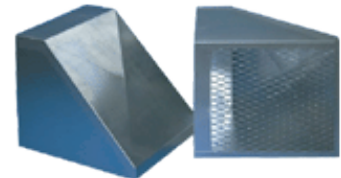
ACCESSORIES



back draft damper / shutter



galvanized rear sleeve



weather hoods

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