

HV - BELT DRIVE WALL FANS

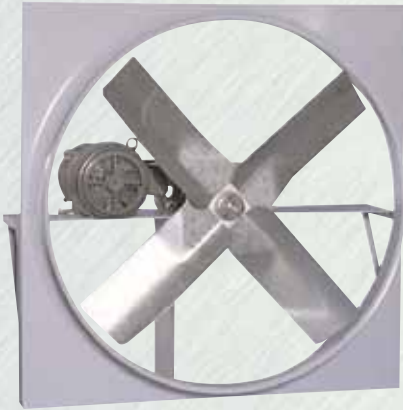
Designed for heavy duty commercial and industrial applications - Factories, Warehouses, Gymnasiums, Underground parking garages, etc.

These fans are typically used for high volume, high static pressure applications. The HV series is designed and constructed for efficient and economical operations while maximizing performance for heavy duty applications.

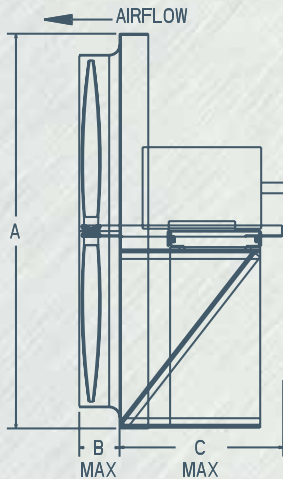
This fan is used for exhaust applications. Please consult factory for supply applications.

FEATURES

- Heavy gauge steel fan panel with deep spun and flared 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 are standard.



DIMENSIONS



MODEL	BLADE DIAMETER	A X A SQUARE	B	C (BELT DRIVE MOTOR FRAME)	
				56 - 184	213 - 286
HV24	24"	29.625"	4.0"	18"	--
HV30	30"	35.625"	4.5"	18"	--
HV36	36"	41.625"	5.0"	18"	28"
HV42	42"	47.625"	5.0"	18"	28"
HV48	48"	53.625"	5.0"	18"	28"
HV54	54"	59.657"	5.5"	18"	28"
HV60	60"	67.657"	6.0"	18"	28"

BLADE DIAMETER	MODEL #		RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE						
	SINGLE PHASE	THREE PHASE				0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"
24"	HV24T10100	HV24T30100*	1175	1.0	74	6750	6234	5797	4871	3748	3073	2544
	HV24T10150	HV24T30150*	1375	1.5	78	7898	7458	7049	6604	5824	4768	4049
	HV24T10200	HV24T30200*	1515	2.0	81	8703	8303	7906	7581	7051	6267	5310
	HV24T10300	HV24T30300*	1750	3.0	84	10053	9707	9360	9039	8757	8328	7784
30"	HV30T10100	HV30T30100*	890	1.0	73	9056	8192	6801	4896	3715	2647	1739
	HV30T10150	HV30T30150*	1085	1.5	78	11040	10331	9535	8237	6607	5385	4492
	HV30T10200	HV30T30200*	1230	2.0	82	12515	11890	11253	10427	9087	7663	6499
	HV30T10300	HV30T30300*	1405	3.0	85	14296	13749	13201	12588	11823	10713	9334
36"	HV30T10500	HV30T30500*	1695	5.0	90	17247	16793	16339	15886	15393	14829	14111
	HV36T10150	HV36T30150*	690	1.5	73	13129	11608	9045	6862	4705	3046	1938
	HV36T10200	HV36T30200*	790	2.0	77	15032	13734	12277	9437	7757	5722	4174
	HV36T10300	HV36T30300*	935	3.0	82	17791	16695	15526	14129	11533	9929	8689
36"	HV36T10500	HV36T30500*	1140	5.0	88	21962	20793	19893	18903	17883	15993	13983
	HV36T10750	HV36T30750*	1230	7.5	90	23404	22571	21737	20860	19915	18971	16876
	HV42T10150	HV42T30150*	555	1.5	72	15811	13791	10645	6799	4462	3004	1926
	HV42T10200	HV42T30200*	660	2.0	77	18802	17137	15196	11975	8648	6367	4833
42"	HV42T10300	HV42T30300*	785	3.0	82	22363	20945	19507	17747	15061	11594	9620
	HV42T10500	HV42T30500*	935	5.0	87	26636	25434	24286	23041	21550	19661	17023
	HV42T10750	HV42T30750*	1085	7.5	91	30909	29873	28861	27882	26753	25543	24157
	HV48T10200	HV48T30200*	635	2.0	80	26326	23713	21228	17948	12756	10669	8491
48"	HV48T10300	HV48T30300*	750	3.0	85	31094	28711	26930	24543	21753	17660	14025
	HV48T10500	HV48T30500*	875	5.0	89	36276	34042	32521	30974	28814	26521	23883
	HV48T10750	HV48T30750*	940	7.5	92	38970	36891	35374	33953	32194	30183	27942
	HV54T10200	HV54T30200*	405	2.0	70	22986	19134	11540	7965	5000	2787	-
54"	HV54T10300	HV54T30300*	505	3.0	78	28661	25723	22119	1E+05	12020	8757	6667
	HV54T10500	HV54T30500*	620	5.0	83	35188	32838	30203	27208	21951	16987	14820
	HV54T10750	HV54T30750*	720	7.5	88	40863	38809	36754	34382	31736	27780	21541
	HV54T11000	HV54T31000*	800	10.0	91	45404	43529	41789	39675	37594	35093	31863
60"	HV60T10300	HV60T30300*	395	3.0	73	32640	26769	17386	12768	8585	4871	-
	HV60T10500	HV60T30500*	510	5.0	81	42143	37596	32867	24495	19643	16488	13537
	HV60T10750	HV60T30750*	600	7.5	86	49580	45715	41850	36219	29660	24923	21797
	HV60T11000	HV60T31000*	670	10.0	89	55364	51903	48442	44980	38454	33060	28617
-	HV60T31500*	740	15.0	93	61149	58015	54881	51747	48613	41937	36959	

For three phase motors, substitute "*" with "M" for 208-230/460 volt or "P" for 575 volt
Fan blades tested in accordance with AMCA standard 210, figure 12
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

OPTIONS

For fan complete with cabinet/guard and shutter, substitute "T" with CBS
For fan complete with front sleeve and shutter, substitute "T" with SLS
For fan with rear sleeve and back guard, substitute "T" with SLB

For a complete listing of all available options, see page 10.



CBS



SLS



SLB