

HVA - BELT DRIVE WALL FANS

Designed for heavy duty commercial and industrial exhaust applications.

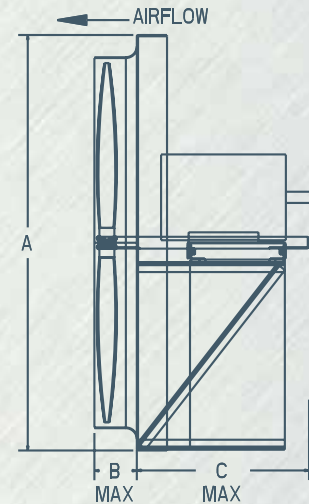
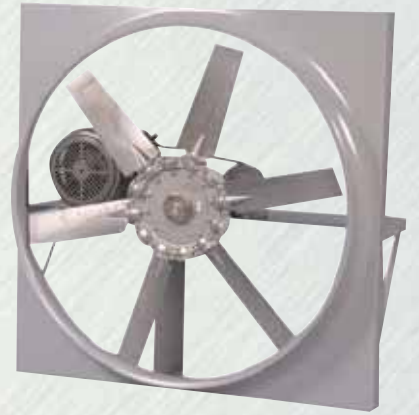
Heavy duty airfoil-cast aluminum or anti-static glass reinforced nylon blades are standard on HVA series fans providing maximum performance at low sound levels. Cast aluminum airfoil blades are available on 24" - 48" sizes. Electro anti-static glass reinforced nylon blades are available on 54" - 60" sizes.

These fans are typically used for high volume, high static pressure applications. The HVA is designed and constructed for efficient and economical operations while maximizing performance for heavy duty 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.
- Balanced cast aluminum airfoil blades (24" - 48").
- Electro anti-static glass reinforced nylon blades available in 54" - 60".
- Heavy duty cast iron pillow block bearings.
- TEFC motors are standard.

! These fans can be combined with Explosion Proof Motors for use in hazardous locations. Please consult factory.



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"	3/4"
24"	HVA24T10075	HVA24T30075*	1180	3/4	65	6750	6325	5880	5360	4700	2180
	HVA24T10100	HVA24T30100*	1295	1.0	67	7400	7020	6620	6180	5690	4690
	HVA24T10150	HVA24T30150*	1475	1.5	70	8430	8090	7680	7390	7000	6010
	HVA24T10200	HVA24T30200*	1620	2.0	72	9260	8960	8640	8330	7990	7220
	HVA24T10300	HVA24T30300*	1890	3.0	76	10800	10670	10290	10060	9730	8890
30"	HVA30T10100	HVA30T30100*	965	1.0	66	10800	10050	9190	8100	6610	2620
	HVA30T10150	HVA30T30150*	1095	1.5	69	12320	11650	11000	10130	9140	5210
	HVA30T10200	HVA30T30200*	1225	2.0	71	13810	13170	12550	11930	11100	9120
	HVA30T10300	HVA30T30300*	1380	3.0	74	15490	14910	14540	13930	13270	11790
	HVA30T10500	HVA30T30500*	1635	5.0	78	18410	17850	17540	17160	16590	15470
36"	HVA36T10150	HVA36T30150*	830	1.5	69	16300	14950	13590	11730	8430	4610
	HVA36T10200	HVA36T30200*	910	2.0	71	17820	16650	15420	13980	12190	7310
	HVA36T10300	HVA36T30300*	1045	3.0	74	20490	19220	18410	17550	16020	12050
	HVA36T10500	HVA36T30500*	1245	5.0	78	24410	23610	22650	21780	20070	18650
	HVA36T10750	HVA36T30750*	1425	7.5	80	27930	27110	26380	27790	24830	23230
42"	HVA42T10150	HVA42T30150*	695	1.5	69	18710	17040	14780	10950	6910	-
	HVA42T10200	HVA42T30200*	770	2.0	71	20690	19920	17310	15080	11320	4820
	HVA42T10300	HVA42T30300*	895	3.0	73	24120	22840	21430	19620	17680	10290
	HVA42T10500	HVA42T30500*	1005	5.0	75	27070	25980	24640	23230	21810	17750
	HVA42T10750	HVA42T30750*	1205	7.5	79	32420	31520	30640	29530	28290	25760
48"	HVA48T11000	HVA48T31000*	1335	10.0	81	35910	35170	34340	33410	32390	30120
	HVA48T10200	HVA48T30200*	645	2.0	68	22430	20350	18290	15340	11070	3560
	HVA48T10300	HVA48T30300*	745	3.0	71	25790	24330	22450	20510	17880	10780
	HVA48T10500	HVA48T30500*	885	5.0	75	30710	29440	27810	26370	24690	20570
	HVA48T10750	HVA48T30750*	1005	7.5	78	34830	33850	32310	31080	29810	26690
54"	HVA48T11000	HVA48T31000*	1105	10.0	80	38300	37240	36210	34760	33670	31090
	-	HVA48T31500*	1265	15.0	83	43870	42900	42230	40860	39850	37760
	HVA54T10300	HVA54T30300*	595	3.0	74	33120	30150	26930	22950	16680	5610
	HVA54T10500	HVA54T30500*	710	5.0	76	39490	37130	34510	31680	28620	18600
	HVA54T10750	HVA54T30750*	810	7.5	78	45020	42890	40760	38660	35890	29810
60"	HVA54T11000	HVA54T31000*	905	10.0	81	50330	48450	46590	44640	42420	37520
	-	HVA54T31500*	1025	15.0	86	57010	55520	53850	52110	50170	46260
	HVA60T10500	HVA60T30500*	605	5.0	74	47580	44240	40920	36300	29670	16490
	HVA60T10750	HVA60T30750*	690	7.5	76	54300	51240	48620	45760	41310	27620
	HVA60T11000	HVA60T31000*	755	10.0	78	59420	56770	54150	51490	48410	39330
-	HVA60T31500*	870	15.0	81	68490	66320	63840	61710	59300	53450	
-	HVA60T32000*	955	20.0	84	75110	73090	70670	68880	67010	62340	

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

MODEL	BLADE DIAMETER	A X A SQUARE	B	C (BELT DRIVE MOTOR FRAME)	
				56 - 184	213 - 286
HVA24	24"	29.625"	4.0"	18"	--
HVA30	30"	35.625"	4.5"	18"	--
HVA36	36"	41.625"	5.0"	18"	28"
HVA42	42"	47.625"	5.0"	18"	28"
HVA48	48"	53.625"	5.0"	18"	28"
HVA54	54"	59.657"	5.5"	18"	28"
HVA60	60"	67.657"	6.0"	18"	28"



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