

HVA SERIES

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.

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.

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

OPTIONAL - Reversing blades available on 30", 36", 42" and 48" models. Please consult factory for details.

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.



Reversing fan with cabinet will be a steel control damper.



Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

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"

OPTIONS



For fan complete with cabinet/guard and shutter, substitute "T" with CBS

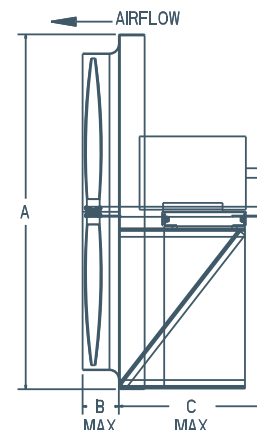


For fan complete with front sleeve and shutter, substitute "T" with SLS



For fan with rear sleeve and back guard, substitute "T" with SLB

For a complete listing of all available options, see the Options & Accessories page.



SPECIFICATIONS

Single Phase

Single Phase						CFM @ STATIC PRESSURE																								
	MODEL #	WEIGHT (LBS.)	RPM	HP	dBA @ 5 ft	0"				1/8"				1/4"				3/8"				1/2"				5/8"				
	CFM					BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)		
	SINGLE PHASE																													
BLADE DIAMETER	24"	HVA24T10075	113	1324	3/4	65	6100	0.61	-	-	5600	0.67	-	-	4900	0.7	-	-	4200	0.7	-	-	3500	0.74	-	-	-	-	-	
		HVA24T10100	132	1475	1	67	6800	0.85	0.89	0.85	6300	0.89	1.01	0.88	5800	0.96	1.07	0.95	5100	0.95	1.13	0.94	4500	0.99	1.12	0.97	-	-	-	
		HVA24T10150	114	1695	1 1/2	70	7800	1.28	0.69	1.23	7400	1.35	0.80	1.29	6900	1.38	0.89	1.31	6400	1.44	0.95	1.37	5900	1.47	0.99	1.39	-	-	-	
		HVA24T10200	153	1865	2	72	8600	1.72	0.57	1.61	8200	1.77	0.68	1.65	7800	1.83	0.77	1.70	7400	1.92	0.82	1.78	6900	1.96	0.87	1.81	5900	1.97	0.95	1.82
		HVA24T10300	165	2140	3	76	9900	2.63	0.44	2.38	9500	2.64	0.54	2.39	9200	2.74	0.61	2.48	8800	2.78	0.68	2.51	8400	2.85	0.73	2.57	7600	2.95	0.82	2.65
	30"	HVA30T10100	145	1000	1	66	10000	0.91	1.16	0.90	9000	0.97	1.28	0.96	7800	1	1.33	0.98	6400	0.98	1.34	0.96	-	-	-	-	-	-	-	
		HVA30T10150	127	1150	1 1/2	69	11500	1.39	0.90	1.32	10600	1.43	1.04	1.36	9600	1.48	1.12	1.40	8500	1.49	1.18	1.41	7300	1.49	1.18	1.41	-	-	-	
		HVA30T10200	169	1260	2	71	12600	1.83	0.76	1.70	11800	1.88	0.89	1.74	10900	1.93	0.99	1.79	9900	1.96	1.05	1.81	9000	1.97	1.10	1.82	-	-	-	
		HVA30T10300	180	1260	3	74	12600	1.83	0.76	1.70	11800	1.88	0.89	1.74	10900	1.93	0.99	1.79	9900	1.96	1.05	1.81	9000	1.97	1.10	1.82	-	-	-	
		HVA30T10500	191	1725	5	78	17200	4.65	0.42	4.08	16600	4.71	0.51	4.13	1600	4.78	0.09	4.19	15400	4.88	0.67	4.27	14700	4.93	0.73	4.32	-	-	-	
	36"	HVA36T10150	157	845	1 1/2	69	14300	1.43	1.06	1.36	12600	1.45	1.20	1.37	10900	1.47	1.27	1.39	8500	1.44	1.22	1.37	6100	1.48	1.01	1.40	-	-	-	
		HVA36T10200	199	930	2	71	15800	1.93	0.88	1.79	14300	1.96	1.02	1.81	12800	1.99	1.11	1.84	11000	1.98	1.15	1.83	8600	1.96	1.06	1.81	-	-	-	
		HVA36T10300	212	1065	3	74	18100	2.89	0.69	2.60	16800	2.94	0.81	2.65	15500	2.98	0.91	2.68	14100	2.99	0.98	2.69	12400	2.95	1.01	2.65	8300	2.95	0.88	2.65
		HVA36T10500	223	1265	5	78	21400	4.78	0.50	4.19	20400	4.91	0.60	4.30	19300	4.96	0.69	4.34	18200	4.99	0.76	4.37	17000	4.98	0.83	4.36	14100	4.9	0.89	4.42
		HVA36T10750	312	1450	7 1/2	80	24600	7.27	0.38	6.26	23700	7.38	0.46	6.36	22700	7.41	0.54	6.38	21700	7.43	0.61	6.40	20700	7.43	0.68	6.40	18600	7.46	0.77	6.42
	42"	HVA42T10150	190	750	1 1/2	69	18200	1.35	1.39	1.29	15900	1.44	1.50	1.37	13600	1.48	1.54	1.40	11000	1.45	1.52	1.37	7600	1.48	1.23	1.40	-	-	-	
		HVA42T10200	231	830	2	71	20200	1.85	1.15	1.72	18100	1.94	1.28	1.80	16000	1.99	1.36	1.84	13800	1.99	1.40	1.84	11000	1.97	1.32	1.82	-	-	-	
		HVA42T10300	243	945	3	73	23000	2.73	0.90	2.47	21200	2.86	1.03	2.58	19400	2.94	1.13	2.65	17500	2.96	1.21	2.66	15600	2.96	1.25	2.66	10400	2.95	1.09	2.65
		HVA42T10500	255	1125	5	75	27300	4.56	0.65	4.01	25800	4.73	0.77	4.15	24300	4.86	0.87	4.26	22700	4.9	0.96	4.29	21100	4.93	1.02	4.32	17900	4.93	1.11	4.32
		HVA42T10750	351	1285	7 1/2	79	31200	6.81	0.50	5.88	29800	6.96	0.61	6.01	28500	7.13	0.70	6.15	27200	7.26	0.78	6.26	25800	7.3	0.85	6.29	23100	7.41	0.95	6.38
48"	HVA48T10200	273	655	2	68	21400	1.78	1.26	1.66	18900	1.87	1.38	1.74	16600	1.95	1.44	1.80	14000	1.97	1.43	1.82	10400	1.95	1.27	1.80	-	-	-		
	HVA48T10300	284	755	3	71	24600	2.71	0.97	2.45	22500	2.84	1.10	2.56	20400	2.92	1.19	2.63	18400	2.99	1.25	2.69	16000	2.99	1.27	2.69	9900	2.99	1.02	2.69	
	HVA48T10500	295	890	5	75	29000	4.43	0.71	3.90	27300	4.63	0.83	4.07	25500	4.74	0.93	4.16	23700	4.81	1.01	4.22	22000	4.9	1.07	4.29	17900	4.92	1.11	4.31	
	HVA48T10750	393	1025	7 1/2	78	33400	6.78	0.54	5.86	31900	6.99	0.65	6.03	30300	7.12	0.74	6.14	28800	7.26	0.82	6.26	27300	7.37	0.89	6.35	24200	7.49	0.99	6.45	
	HVA48T11000	404	1160	10	80	36800	9.06	0.45	7.75	35400	9.28	0.54	7.93	34000	9.46	0.63	8.08	32600	9.61	0.70	8.20	31300	9.8	0.77	8.36	28500	9.95	0.88	8.48	
54"	HVA54T10300	339	560	3	74	30500	2.76	1.16	2.49	27300	2.83	1.32	2.55	22900	2.82	1.38	2.54	16800	2.8	1.22	2.53	12800	2.98	1.03	2.68	-	-	-		
	HVA54T10500	346	675	5	76	36700	4.82	0.81	4.22	34300	4.95	0.96	4.33	31100	4.98	1.07	4.36	27300	4.95	1.13	4.33	22200	4.85	1.09	4.25	-	-	-		
	HVA54T10750	480	775	7 1/2	78	42100	7.27	0.63	6.26	40100	7.45	0.76	6.41	37600	7.5	0.87	6.46	34400	7.48	0.95	6.44	31100	7.45	1.00	6.41	22100	7.47	0.91	6.43	
	HVA54T11000	483	850	10	81	46200	9.61	0.52	8.20	44300	9.75	0.64	8.32	42200	9.89	0.74	8.43	39600	9.92	0.82	8.46	36600	9.88	0.89	8.43	29600	9.74	0.93	8.31	
	HVA60T10500*	377	605	5	74	43200	4.7	0.97	4.12	39600	4.81	1.14	4.22	35800	4.87	1.25	4.27	30700	4.98	1.25	4.36	23300	4.88	1.13	4.27	-	-	-		
60"	HVA60T10750*	508	690	7 1/2	76	49500	7.07	0.75	6.10	46400	7.2	0.90	6.21	43200	7.32	1.01	6.31	39600	7.4	1.09	6.37	35000	7.46	1.11	6.42	23400	7.4	1.08	6.37	
	HVA60T11000*	520	755	10	78	54700	9.55	0.62	8.15	51900	9.68	0.75	8.26	48900	9.76	0.86	8.33	46000	9.88	0.95	8.43	42500	9.97	1.01	8.50	31900	9.95	0.86	8.48	

Three Phase

Three Phase						CFM @ STATIC PRESSURE																								
BLADE DIAMETER	MODEL #	WEIGHT (LBS.)	RPM	HP	dBA @ 5 ft	0"				1/8"				1/4"				3/8"				1/2"				5/8"				
						CFM	BHP	FEI	FEPAct (kW)	CFM	BHP	FEI	FEPAct (kW)	CFM	BHP	FEI	FEPAct (kW)	CFM	BHP	FEI	FEPAct (kW)	CFM	BHP	FEI	FEPAct (kW)	CFM	BHP	FEI	FEPAct (kW)	
																														THREE PHASE
24"	HVA24T30075*	113	1324	3/4	65	6100	0.61	-	-	5600	0.67	-	-	4900	0.7	-	-	4200	0.7	-	-	3500	0.74	-	-	-	-	-	-	
	HVA24T30100*	132	1475	1	67	6800	0.85	1.12	0.61	6300	0.89	1.22	0.66	5800	0.96	1.27	0.69	5100	0.95	1.30	0.69	4500	0.99	1.21	0.92	1.21	-	-	0.82	0.82
	HVA24T30150*	114	1695	1 1/2	70	7800	1.28	0.90	0.84	7400	1.35	1.03	0.87	6900	1.38	1.09	0.93	6400	1.44	1.15	0.92	5900	1.47	1.14	1.14	-	-	-	-	
	HVA24T30200*	153	1865	2	72	8600	1.72	0.57	1.61	8200	1.77	0.68	1.66	7800	1.83	0.77	1.71	7400	1.92	0.82	1.79	6900	1.96	0.86	0.86	5900	1.97	0.94	1.84	
	HVA24T30300*	165	2140	3	76	9900	2.63	0.44	2.35	9500	2.64	0.54	2.36	9200	2.74	0.62	2.45	8800	2.78	0.69	2.48	8400	2.85	0.74	0.74	7600	2.95	0.82	2.64	
30"	HVA30T30100*	145	1000	1	66	10000	0.91	1.19	0.88	9000	0.97	1.31	0.93	7800	1	1.36	0.96	6400	0.98	1.37	0.94	-	-	-	-	-	-	-	-	
	HVA30T30150*	127	1150	1 1/2	69	11500	1.39	0.91	1.31	10600	1.43	1.05	1.35	9600	1.48	1.13	1.39	8500	1.49	1.19	1.40	7300	1.49	1.19	1.40	-	-	-	-	
	HVA30T30200*	169	1260	2	71	12600	1.83	0.75	1.71	11800	1.88	0.89	1.76	10900	1.93	0.98	1.80	9900	1.96	1.04	1.83	9000	1.97	1.09	1.84	-	-	-	-	
	HVA30T30300*	180	1260	3	74	12600	1.83	0.77	1.67	11800	1.88	0.91	1.71	10900	1.93	1.01	1.75	9900	1.96	1.07	1.78	9000	1.97	1.12	1.79	-	-	-	-	
	HVA30T30500*	191	1725	5	78	17200	4.65	0.41	4.11	16600	4.71	0.51	4.17	1600	4.78	0.09	4.23	15400	4.88	0.66	4.32	14700	4.93	0.72	4.37	-	-	-	-	
36"	HVA36T30150*	157	845	1 1/2	69	14300	1.43	1.07	1.35	12600	1.45	1.21	1.36	10900	1.47	1.28	1.38	8500	1.44	1.23	1.35	6100	1.48	1.02	1.39	-	-	-	-	
	HVA36T30200*	199	930	2	71	15800	1.93	0.88	1.80	14300	1.96	1.01	1.83	12800	1.99	1.10	1.86	11000	1.98	1.13	1.85	8600	1.96	1.05	1.83	-	-	-	-	
	HVA36T30300*	212	1065	3	74	18100	2.89	0.69	2.58	16800	2.94	0.82	2.63	15500	2.98	0.91	2.66	14100	2.99	0.98	2.67	12400	2.95	1.02	2.64	8300	2.95	0.89	2.64	
	HVA36T30500*	223	1265	5	78	21400	4.78	0.49	4.23	20400	4.91	0.59	4.35	19300	4.96	0.68	4.40	18200	4.99	0.75	4.43	17000	4.98	0.82	4.42	14100	4.9	0.88	4.34	
	HVA36T30750*	312	1450	7 1/2	80	24600	7.27	0.38	6.25	23700	7.38	0.46	6.35	22700	7.41	0.54	6.38	21700	7.43	0.61	6.39	20700	7.43	0.68	6.39	18600	7.46	0.77	6.42	
42"	HVA42T30150*	190	750	1 1/2	69	18200	1.35	1.41	1.27	15900	1.44	1.51	1.35	13600	1.48	1.55	1.39	11000	1.45	1.54	1.36	7600	1.48	1.24	1.39	-	-	-	-	
	HVA42T30200*	231	830	2	71	20200	1.85	1.14	1.73	18100	1.94	1.27	1.81	16000	1.99	1.35	1.86	13800	1.99	1.39	1.86	11000	1.97	1.31	1.84	-	-	-	-	
	HVA42T30300*	243	945	3	73	23000	2.73	0.91	2.44	21200	2.86	1.04	2.56	19400	2.94	1.14	2.63	17500	2.96	1.22	2.65	15600	2.96	1.26	2.65	10400	2.95	1.09	2.64	
	HVA42T30500*	255	1125	5	75	27300	4.56	0.65	4.03	25800	4.73	0.76	4.19	24300	4.86	0.86	4.31	22700	4.9	0.94	4.34	21100	4.93	1.01	4.37	17900	4.93	1.09	4.37	
	HVA42T30750*	351	1285	7 1/2	79	31200	6.81	0.51	5.84	29800	6.96	0.61	5.97	28500	7.13	0.70	6.13	27200	7.26	0.78	6.24	25800	7.3	0.85	6.28	23100	7.41	0.95	6.38	
48"	HVA42T31000*	364	1425	10	81	34500	9.21	0.41	7.88	33300	9.42	0.50	8.06	32100	9.61	0.58	8.23	30900	9.76	0.66	8.36	29700	9.87	0.72	8.46	27200	9.96	0.83	8.54	
	HVA48T30200*	273	655	2	68	21400	1.78	1.25	1.67	18900	1.87	1.37	1.75	16600	1.95	1.43	1.82	14000	1.97	1.42	1.84	10400	1.95	1.26	1.82	-	-	-	-	
	HVA48T30300*	284	755	3	71	24600	2.71	0.98	2.42	22500	2.84	1.11	2.54	20400	2.92	1.20	2.61	18400	2.99	1.26	2.67	16000	2.99	1.27	2.67	9900	2.99	1.03	2.67	
	HVA48T30500*	295	890	5	75	29000	4.43	0.70	3.91	27300	4.63	0.82	4.10	25500	4.74	0.92	4.20	23700	4.89	1.00	4.26	22000	4.9	1.06	4.34	17900	4.92	1.10	4.36	
	HVA48T30750*	393	1025	7 1/2	78	33400	6.78	0.54	5.81	31900	6.99	0.65	6.00	30300	7.12	0.75	6.12	28800	7.26	0.82	6.24	27300	7.37	0.89	6.34	24200	7.49	0.99	6.45	
54"	HVA48T31000*	404	1160	10	80	36800	9.06	0.45	7.75	35400	9.28	0.54	7.94	34000	9.46	0.63	8.10	32600	9.61	0.70	8.23	31300	9.8	0.76	8.40	28500	9.95	0.87	8.53	
	HVA48T31500*	516	1300	15	83	42400	13.9	0.34	11.73	41200	14.1	0.42	11.96	40000	14.4	0.49	12.17	38700	14.5	0.55	12.28	37500	14.7	0.61	12.44	35100	15	0.72	12.68	
	HVA54T30300*	339	560	3	74	30500	2.76	1.17	2.47	27300	2.83	1.33	2.53	22900	2.82	1.39	2.52	16800	2.8	1.24	2.50	12800	2.98	1.04	2.66	-	-	-	-	
	HVA54T30500*	346	675	5	76	36700	4.82	0.81	4.27	34300	4.95	0.95	4.39	31100	4.98	1.06	4.42	27300	4.95	1.11	4.39	22200	4.85	1.08	4.30	-	-	-	-	
	HVA54T30750*	480	775	7 1/2	78	42100	7.27	0.63	6.25	40100	7.45	0.76	6.41	37600	7.5	0.87	6.46	34400	7.48	0.95	6.44	31100	7.45	1.00	6.41	22100	7.47	0.91	6.43	
60"	HVA54T31000*	483	850	10	81	46200	9.61	0.52	8.23	44300	9.75	0.64	8.35	42200	9.89	0.74	8.48	39600	9.92	0.82	8.51	36600	9.88	0.87	8.47	29600	9.74	0.92	8.35	
	HVA54T31500*	559	975	15	86	53200	14.6	0.39	12.40	51400	14.7	0.49	12.49	49600	14.8	0.58	12.58	47600	14.9	0.66	12.66	45300	15	0.72	12.70	40100	14.9	0.82	12.64	
	HVA60T30500*	377	605	5	74	43200	4.7	0.96	4.16	39600	4.81	1.12	4.26	35800	4.87	1.24	4.32	30700	4.98	1.24	4.42	23300	4.88	1.12	4.32	-	-	-	-	
	HVA60T30750*	508	690	7 1/2	76	49500	7.07	0.75	6.07	46400	7.2	0.90	6.19	43200	7.32	1.02	6.30	39600	7.4	1.09	6.37	35000	7.46	1.11	6.42	23900	7.4	0.88	6.37	
	HVA60T31000*	520	755	10	78	54700	9.55	0.61	8.18	51900	9.68	0.75	8.29	48900	9.76	0.86	8.36	46000	9.88	0.95	8.47	42500	9.97	1.01	8.55	31400	9.95	0.86	8.53	
60"	HVA60T31500*	605	870	15	81	62400	14.2	0.47	12.00	60000	14.4	0.59	12.18	57300	14.5	0.68	12.26	54900	14.7	0.77	12.42	52500	14.7	0.85	12.47	45500	15	0.82	12.72	
	HVA60T32000*	760	955	20	84	69000	19.2	0.39	16.10	66800	19.4	0.49	16.29	64300	19.5	0.57	16.39	62100	19.7	0.65	16.54	60000	19.8	0.72	16.65	55100	20	0.75	16.83	

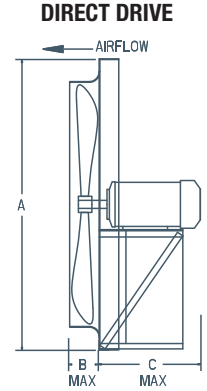
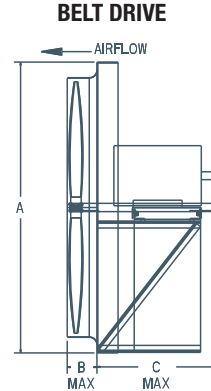
WALL EXHAUST FANS & VENTURI DIMENSIONS

for Standard Options

VENTURI



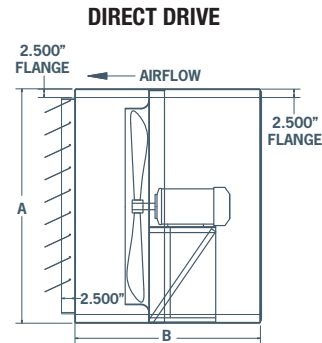
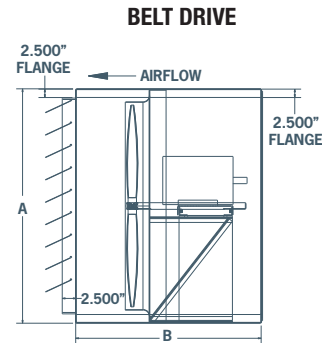
BLADE DIAMETER	A X A SQUARE	B	C					
			BELT DRIVE MOTOR FRAME			DIRECT DRIVE MOTOR FRAME		
			56 - 184	213 - 286	56 - 184	213 - 215	254 - 286	
12"	16.125"	2.0"	--	--	13"	--	--	--
14"	18.125"	2.5"	--	--	13"	--	--	--
16"	20.125"	3.0"	--	--	13"	--	--	--
18"	22.125"	3.0"	--	--	13"	--	--	--
20"	24.125"	3.5"	--	--	13"	--	--	--
24"	29.625"	4.0"	18"	--	13"	14"	--	--
30"	35.625"	4.5"	18"	--	13"	14"	25"	--
36"	41.625"	5.0"	18"	28"	13"	14"	25"	--
42"	47.625"	5.0"	18"	28"	13"	14"	25"	--
48"	53.625"	5.0"	18"	28"	--	14"	25"	--
54"	59.657"	5.5"	18"	28"	--	--	--	--
60"	67.657"	6.0"	18"	28"	--	--	--	--



CABINET, BACK GUARD & SHUTTER (CBS)



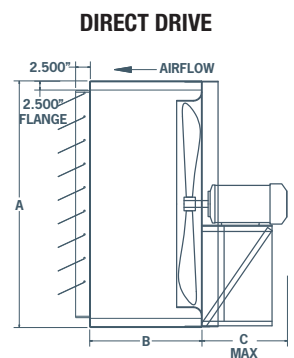
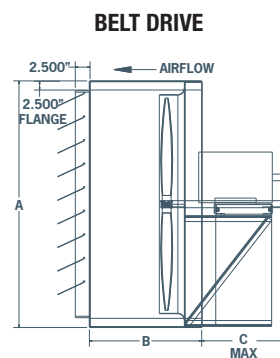
BLADE DIAMETER	A X A SQUARE	B	B					
			BELT DRIVE MOTOR FRAME			DIRECT DRIVE MOTOR FRAME		
			56 - 184	213 - 286	56 - 184	213 - 215	254 - 286	
12"	16.375"	--	--	--	26"	--	--	--
14"	18.375"	--	--	--	26"	--	--	--
16"	20.375"	--	--	--	26"	--	--	--
18"	22.375"	--	--	--	26"	--	--	--
20"	24.375"	--	--	--	26"	--	--	--
24"	29.875"	33"	--	--	33"	33"	--	--
30"	35.875"	33"	--	--	33"	33"	43"	--
36"	41.875"	33"	43"	--	33"	33"	43"	--
42"	47.875"	33"	43"	--	33"	33"	43"	--
48"	53.875"	33"	43"	--	--	33"	43"	--
54"	59.9375"	33"	43"	--	--	--	--	--
60"	67.9375"	33"	43"	--	--	--	--	--



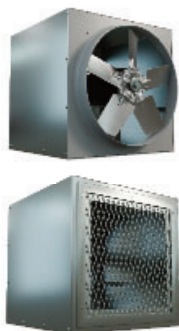
FRONT SLEEVE & SHUTTER (SLS)



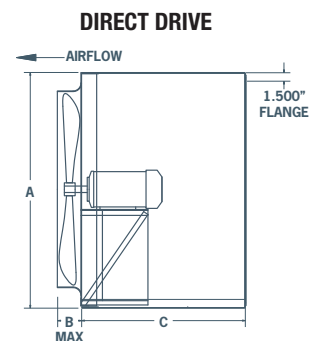
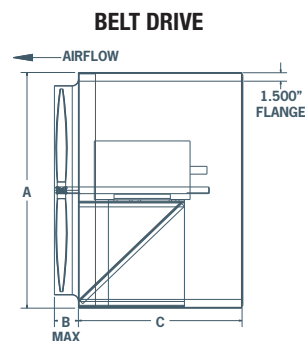
BLADE DIAMETER	A X A SQUARE	B	C					
			BELT DRIVE MOTOR FRAME			DIRECT DRIVE MOTOR FRAME		
			56 - 184	213 - 286	56 - 184	213 - 215	254 - 286	
12"	16.375"	15.0"	--	--	12"	--	--	--
14"	18.375"	15.0"	--	--	12"	--	--	--
16"	20.375"	15.0"	--	--	12"	--	--	--
18"	22.375"	15.0"	--	--	12"	--	--	--
20"	24.375"	15.0"	--	--	12"	--	--	--
24"	29.875"	19.0"	15"	--	10"	11"	--	--
30"	35.875"	19.0"	15"	--	10"	11"	22"	--
36"	41.875"	19.0"	15"	25"	10"	11"	22"	--
42"	47.875"	19.0"	15"	25"	10"	11"	22"	--
48"	53.875"	19.0"	15"	25"	--	11"	22"	--
54"	59.9375"	19.0"	15"	25"	--	--	--	--
60"	67.9375"	19.0"	15"	25"	--	--	--	--



REAR SLEEVE & BACK GUARD (SLB)



BLADE DIAMETER	A X A SQUARE	B	C					
			BELT DRIVE MOTOR FRAME			DIRECT DRIVE MOTOR FRAME		
			56 - 184	213 - 286	56 - 184	213 - 215	254 - 286	
12"	16.375"	2.0"	--	--	15"	--	--	--
14"	18.375"	2.5"	--	--	15"	--	--	--
16"	20.375"	3.0"	--	--	15"	--	--	--
18"	22.375"	3.0"	--	--	15"	--	--	--
20"	24.375"	3.5"	--	--	15"	--	--	--
24"	29.875"	4.0"	19"	--	19"	19"	--	--
30"	35.875"	4.5"	19"	--	19"	19"	29"	--
36"	41.875"	5.0"	19"	29"	19"	19"	29"	--
42"	47.875"	5.0"	19"	29"	19"	19"	29"	--
48"	53.875"	5.0"	19"	29"	--	19"	29"	--
54"	59.9375"	5.5"	19"	29"	--	--	--	--
60"	67.9375"	6.0"	19"	29"	--	--	--	--

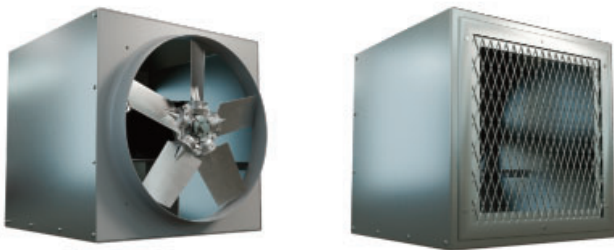


OPTIONS & ACCESSORIES

CABINET, BACK GUARD & SHUTTER (CBS)



REAR SLEEVE & BACK GUARD (SLB)



FRONT SLEEVE & SHUTTER (SLS)



STEEL CONTROL & MOTORIZED CONTROL DAMPERS



Motorized steel control dampers can be mounted in fan cabinet or sleeve in either exhaust or intake applications. Consult factory.

GUARDS

FRONT GUARD

Front guards available, consult factory.

Wire mesh not available on all sizes.



MOTOR OPTIONS

TWO SPEED MOTOR

Two speed motors are available for some of Canarm/LFI's exhaust fans. 1800/1200 or 1800/900 RPM variable torque, single and three phase. Consult factory for available voltages and configurations.

EXPLOSION PROOF MOTORS

Some of Canarm/LFI exhaust fans can be equipped with Explosion Proof Motors for hazardous locations. Class I, Groups C & D - Class II, Groups F & G. Consult factory for models.

Class I, Group C Atmospheres containing ethyl ether, ethylene, gases or vapors of equivalent hazard.

Class I, Group D Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methane, natural gas, naphtha, propane, or gasses or vapors of equivalent hazard.

Class II Group F Atmospheres containing carbonaceous dust, including carbon black, charcoal, coal, or coke dusts that have more than 8% total entrapped volatiles, or dusts that have been sensitized by other materials so that they present an explosion hazard.

Class II Group G Atmospheres containing combustible dusts not included in group E or F, including flour, grain, wood, plastic and chemicals.

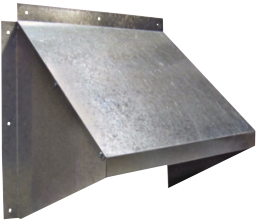
SPECIAL COATING

For most applications, Canarm's standard enamel paint will provide the necessary surface protection for painted parts. For special requirements, coatings such as hot dipped galvanizing and epoxy, please consult factory.

DISCONNECT SWITCHES

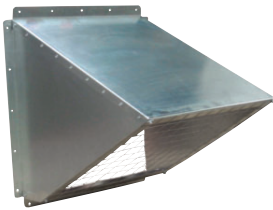
Wire disconnect switches are available. See Controls & Thermostats section for details.

HOODS



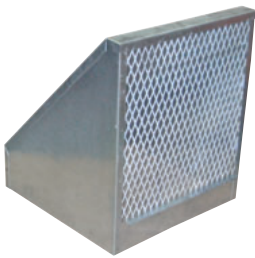
GH GALVANIZED HOODS

- Economical shipping.
- Easy to assemble, galvanized hood.
- No screens.



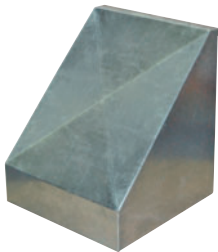
GH KNOCK DOWN HOODS

- Easy to assemble, galvanized hood.
- Includes bird screen.



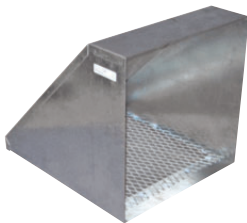
WHA HOODS

- For AX fans.
- Shipped fully assembled.
- 18 gauge galvanized weather hoods complete with bird screen.
- Optional insect screen available. Consult factory.



WHP HOODS

- For Panel fans.
- 18 gauge galvanized weather hoods complete with bird screen.
- Optional insect screen available. Consult factory.



INTAKE & EXHAUST HOODS

- Shipped fully assembled.
- 18 gauge galvanized weather hoods complete with bird screen.



PLASTIC HOODS

- Rugged, grey plastic hood.
- No screens.

HOOD MODEL	DIMENSIONS		APPROX. WEIGHT (LBS)	FANS THAT WILL FIT
	INSIDE DIMENSIONS	OUTSIDE DIMENSIONS		
GH GALVANIZED HOODS				
GH-XF12-M	14.75"W X 14.0"H	18"W X 15.75"H	4	XF12 / XB12 / SD8 / SD10 / AX8 / AX10 / AX12
GH-XF16-M	18.75"W 17.75"H	22"W X 19.75"H	7	XF16 / XB12 / HV12 / HVA12 / ADD12 / DDP12 / DDS12 / SD12-14 / AX14-16
GH-XF20-M	22.75"W X 22"H	26"W X 23.75"H	9	XF20 / XB14 / XB16 / HV14-16 / HVA14-16 / ADD14-16 / DDP14-16 / DDS14-16 / SD16-18 / AX18-20
GH-XF24-M	26.75"W 26"H	29"W X 27.25"H	12	XFS24
GH KNOCKDOWN HOODS				
GH-KD24	31.65"W X 31.66"H	34.65"W X 34.69"H	31	XB24 / HV24 / HVA24 / ADD24 / DDP24 / DDS24 / SD24 / AX24
GH-KD36	43.62"W X 43.93"H	46.62"W X 46.82"H	75	XB30-36 / HV30-36 / HVA30-36 / ADD30-36 / DDS30-36 / SD30-36 / AX30-36 / AX42
GH-KD48	55.62"W X 55.25"H	58.62"W X 58.82"H	TBA	XB42-48 / HV42-48 / HVA42-48 / ADD42-48 / DDS42-48 / SD42 / AX42
GH-KD60	69.76"W X 69.92"H	72.76"W X 72.95"H	TBA	XB54-60 / HV54-60 / HVA54-60 / ADD54-60
WHA HOODS				
WHA8-10	12.11"W X 12.11"H	-	13	AX08-10, SD8
WHA12	14.05"W X 14.05"H	-	16	AX12, SD10
WHA14	16.11"W X 16.11"H	-	22	AX14, SD12
WHA16	18.11"W X 18.11"H	-	26	AX16, SD14
WHA18	20.11"W X 20.11"H	-	29	AX18, SD16
WHA20	22.05"W X 22.05"H	-	31	AX20, SD18
WHA24	26.05"W X 26.05"H	-	47	AX24
WHA30	33.05"W X 33.05"H	-	59	AX30
WHA36	39.11"W X 39.11"H	-	76	AX36
WHP HOODS				
WH8-10P	14.45"W x 14.45"H	-	20	P08 / P10
WH12P	17.40"W X 17.40"H	-	16	P12
WH14P	19.20"W X 19.20"H	-	24	P14
WH16P	21.20"W X 21.20"H	-	26	P16
WH18P	23.20"W X 23.20"H	-	29	P18
WH20P	25.20"W X 25.20"H	-	44	P20
WH24P	29.15"W X 29.15"H	-	44	P24
WH30P	35.65"W X 35.65"H	-	60	P30
WH36P	41.65"W X 41.65"H	-	77	P36
EXHAUST / INTAKE / WEATHER HOODS				
EH12	16.55"W X 16.55"H	-	9	XF12 / SD8-12 / AX8-14 / XB12 / HV12 / HVA12 / ADD12 / DDP12 / DDS12
EH14	18.60"W X 18.60"H	-	15	XB14 / HV14 / HVA14 / ADD14 / DDP14 / DDS14 / SD14 / XF16 / AX16
EH16	20.60"W X 20.60"H	-	20	AX18 / SD16 / XB16 / HV16 / HVA16 / ADD16 / DDP16 / DDS16
EH18	22.55"W X 22.55"H	-	31	SD18 / XB18 / HV18 / HVA18 / ADD18 / DDP18 / DDS18 / XF20 / AX20
EH20	24.55"W X 24.55"H	-	44	SD20 / XB20 / XF24 / HV20 / HVA20 / ADD20 / DDP20 / DDS20
EH24	30.05"W X 30.05"H	-	60	SD24 / AX24 / XB24 / ADD24 / HV24 / HVA24 / DDP24 / DDS24
EH30	36.35"W X 36.35"H	-	72	SD30 / AX30 / XB30 / HV30 / HVA30 / ADD30 / DDS30 / JFHVA24
EH36	42.30"W X 42.30"H	-	104	SD36 / AX36 / XB36 / HV36 / HVA36 / ADD36 / DDS36 / JFHVA30
EH42	48.63"W X 48.63"H	-	163	XB42 / HV42 / HVA42 / ADD42 / DDS42 / JFHVA36 / SD42 / AX42
EH48	54.64"W X 54.64"H	-	TBA	XB48 / HV48 / HVA48 / ADD48 / DDS48 / JFHVA42
EH54	61.20"W X 61.20"H	-	TBA	XB54 / HV54 / HVA54 / ADD54 / JFHVA48
EH60	69.39"W X 69.39"H	-	TBA	XB60 / HV60 / HVA60 / ADD60
PLASTIC HOODS				
HFP-18G	21.50"W X 21.75"H	-	9	S8 / S10 / S12 / S14 / S16 / S18V / AX08 / AX10 / AX12 / AX14 / AX16 / AX18
HFP-24G	27.50"W X 27.75"H	-	13	S20 / S24 AX20 / AX24

FILTER SECTION FOR WALL FANS

Fits XB, SXB, HV, HVA, ADD, DDP and DDS Series



FRONT



BACK

TYPICAL INSTALLATION

Supply & exhaust

FEATURES

- Filter sections are available in eight sizes from 24" to 60" wall mount propeller fans.
- Filters are accessible through bolted side panel for maintenance or replacement.
- Permanent expanded aluminum filters have large surface area for efficient filtration.
- Washable filters for easy cleaning (remove filter from cabinet for washing).
- Flanged or sleeve inlets side suitable for different designs.
- Filter sections could be used for intake or exhaust filtration.
- Shipped assembled or knock down for easy field assembly.



Needs rear sleeve to connect filter section & wall fan together.

DIMENSIONS

FAN SIZE	FLANGE MOUNT	SLEEVE MOUNT	A	B	B2	# OF FILTERS
				FLANGE MOUNT	SLEEVE MOUNT	
24"	FB24	FBS24	30 1/2"	22 3/8"	28 3/8"	4
30"	FB30	FBS30	36 1/2"	25 1/4"	31 1/4"	4
36"	FB36	FBS36	42 1/2"	21 5/8"	27 5/8"	4
42"	FB42	FBS42	48 1/8"	28 1/4"	34 1/4"	9
48"	FB48	FBS48	54 1/4"	26 3/8"	32 3/8"	9
54"	FB54	FBS54	60 1/2"	24 1/16"	30 1/16"	9
60"	FB60	FBS60	68 1/2"	27 1/4"	33 1/4"	12

