

ADD - DIRECT 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 series ADD is designed and constructed for efficient & economical operations and is direct drive, therefore requiring little or no maintenance. Heavy duty cast aluminum airfoil or polyamide glass reinforced (PAG) blades are standard to ADD series fans providing maximum performance at low sound levels.

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

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

FEATURES

- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor supports.
- Cast aluminum airfoil or polyamide glass reinforced (PAG) blades.
- TEFC motors are standard.



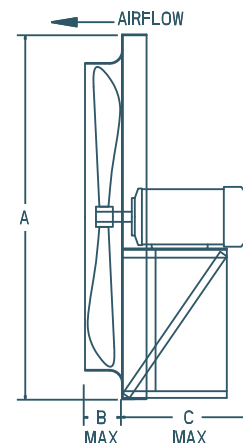
Reversing fan with cabinet will be a steel control damper.



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

DIMENSIONS

MODEL	BLADE DIAMETER	A X A SQUARE	B	C (DIRECT DRIVE MOTOR FRAME)		
				56 - 184	213 - 215	254 - 286
ADD12	12"	16.125"	2.0"	13"	--	--
ADD14	14"	18.125"	2.5"	13"	--	--
ADD16	16"	20.125"	3.0"	13"	--	--
ADD18	18"	22.125"	3.0"	13"	--	--
ADD20	20"	24.125"	3.5"	13"	--	--
ADD24	24"	29.625"	4.0"	13"	14"	--
ADD30	30"	35.625"	4.5"	13"	14"	25"
ADD36	36"	41.625"	5.0"	13"	14"	25"
ADD42	42"	47.625"	5.0"	13"	14"	25"
ADD48	48"	53.625"	5.0"	--	14"	25"



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.

ADD - DIRECT DRIVE WALL FANS

SPECIFICATIONS

Single Phase

Single Phase							CFM @ STATIC PRESSURE																							
							0"				1/4"				1/2"				3/4"				1"				1-1/4"			
							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)
BLADE DIAMETER	MODEL #		WEIGHT (LBS.)	RPM	HP	BLADE PITCH	dBA @ 5 ft																							
	SINGLE PHASE																													
	12"	ADD12T10033C	40	1140	1/3	-	45	990	-	-	-	102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		ADD12T10033B	34	1750	1/3	-	55	1450	-	-	-	1230	-	-	-	313	-	-	-	-	-	-	-	-	-	-	-	-	-	
	14"	ADD14T10033C	42	1140	1/3	-	49	1450	-	-	-	443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		ADD14T10033B	34	1750	1/3	-	58	2220	-	-	-	1920	-	-	-	1350	-	-	-	512	-	-	-	-	185	-	-	-	-	
	16"	ADD16T10033C	46	1140	1/3	-	53	2150	-	-	-	1640	-	-	-	340	-	-	-	-	-	-	-	-	-	-	-	-	-	
		ADD16T10050B	38	1750	1/2	-	63	3300	-	-	-	3040	-	-	-	2690	-	-	-	1750	-	-	-	-	825	-	-	-	-	
	18"	ADD18T10033C	47	1140	1/3	-	57	2990	-	-	-	2450	-	-	-	845	-	-	-	-	-	-	-	-	-	-	-	-	-	
		ADD18T10075B	40	1750	3/4	-	67	4590	-	-	-	4280	-	-	-	3910	-	-	-	3260	-	-	-	-	1750	-	-	-	-	
	20"	ADD20T10033C	50	1140	1/3	-	62	4530	-	-	-	3180	-	-	-	739	-	-	-	-	-	-	-	-	-	-	-	-	-	
		ADD20T10100B	61	1750	1	-	72	5800	0.84	0.78	0.84	4300	0.8	0.97	0.80	3000	0.75	1.02	0.76	2100	0.97	0.76	0.96	-	-	-	-	-		
24"	ADD24T10050C	91	1140	1/2	30.0	59	5200	-	-	-	3800	-	-	-	2000	-	-	-	800	-	-	-	-	-	-	-	-	-		
	ADD24T10100C	125	1140	1	37.5	65	6600	0.6	1.30	0.56	5100	0.64	1.52	0.60	3000	0.71	1.19	0.65	1500	0.97	0.64	0.87	-	-	-	-	-			
	ADD24T10150B	71	1750	1 1/2	25.0	68	6800	0.92	0.91	0.82	5800	1.14	1.00	1.01	5100	1.16	1.18	1.03	3900	1.21	1.13	1.07	3000	1.29	1.02	1.13	-			
	ADD24T10200B	113	1750	2	32.5	73	8900	1.61	0.68	1.40	7800	1.85	0.82	1.59	6900	1.86	0.99	1.60	5400	1.81	1.02	1.56	4500	1.89	1.00	1.63	-			
	ADD24T10300B	125	1750	3	37.5	75	10300	2.3	0.55	1.96	9200	2.41	0.74	2.05	8100	2.39	0.90	2.03	6600	2.28	0.98	1.94	5400	2.32	0.97	1.97	4200			
30"	ADD30T10100C	138	1140	1	25.0	65	8200	0.58	1.62	0.55	6600	0.74	0.82	1.66	4500	0.81	1.48	0.74	2700	0.91	1.08	0.82	-	-	-	-	-			
	ADD30T10300B	139	1750	3	25.0	74	12500	2.14	0.70	1.83	11300	2.53	0.85	2.14	10500	2.67	1.02	2.26	9300	2.74	1.12	2.31	8400	2.8	1.21	2.36	6600			
	ADD36T10500B	180	1750	5	20.0	75	14200	3.18	0.54	2.67	12900	3.32	0.74	2.78	11700	3.46	0.88	2.90	10800	3.55	1.00	2.97	9300	3.62	1.03	3.02	7500			
	ADD36T10750B	245	1750	7 1/2	25.0	82	19600	4.53	0.51	3.76	18200	5.13	0.67	4.24	16800	5.46	0.79	4.50	15600	5.57	0.92	4.59	14400	5.62	1.02	4.63	12600			
	ADD36T11000B	255	1750	10	32.5	83	27600	8.8	0.37	7.16	26200	9.18	0.53	7.46	24900	9.46	0.67	7.68	23400	9.65	0.79	7.83	21900	9.73	0.89	7.90	20400			

Three Phase

Three Phase							CFM @ STATIC PRESSURE																											
BLADE DIAMETER	MODEL #	WEIGHT (LBS.)	RPM	HP	BLADE PITCH	dBA @ 5 ft	0"				1/4"				1/2"				3/4"				1"				1-1/4"							
							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	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)	CFM	BHP	FEI	FEPact (kW)					
12"	ADD12T30033C*	40	1140	1/3	-	45	990	-	-	-	102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	ADD12T30033B*	34	1750	1/3	-	55	1450	-	-	-	1230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	ADD14T30033C*	42	1140	1/3	-	49	1450	-	-	-	443	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	ADD14T30033B*	34	1750	1/3	-	58	2220	-	-	-	1920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	ADD16T30033C*	46	1140	1/3	-	53	2150	-	-	-	1640	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	ADD16T30050B*	38	1750	1/2	-	63	3300	-	-	-	3040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	ADD18T30033C*	47	1140	1/3	-	57	2990	-	-	-	2450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	ADD18T30075B*	40	1750	3/4	-	67	4590	-	-	-	4280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	ADD20T30033C*	50	1140	1/3	-	62	4530	-	-	-	3180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	ADD20T30100B*	61	1750	1	-	72	5800	0.84	0.89	0.74	4300	0.8	1.11	0.70	3000	0.75	1.17	0.66	2100	0.97	0.85	0.85	-	-	-	-	-	-						
	ADD24T30050C*	91	1140	1/2	30.0	59	5200	-	-	-	3800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	ADD24T30100C*	125	1140	1	37.5	65	6600	0.6	1.30	0.56	5100	0.64	1.52	0.60	3000	0.71	1.19	0.65	1500	0.97	0.64	0.88	-	-	-	-	-	-						
14"	ADD24T30150C*	117	1140	1 1/2	45.0	67	7800	1	0.97	0.87	5400	0.88	1.22	0.78	3200	0.89	1.04	0.79	1400	1.07	0.57	0.93	-	-	-	-	-	-						
	ADD24T30150B*	71	1750	1 1/2	25.0	68	6800	0.92	0.92	0.82	5800	1.14	1.02	0.99	5100	1.16	1.20	1.01	3900	1.21	1.14	1.05	3000	1.29	1.03	1.12	-	-						
	ADD24T30200B*	113	1750	2	32.5	73	8900	1.61	0.68	1.40	7800	1.85	0.82	1.60	6900	1.86	0.98	1.61	5400	1.81	1.02	1.56	4500	1.89	1.00	1.63	-	-						
	ADD24T30300B*	125	1750	3	37.5	75	10300	2.3	0.56	1.92	9200	2.41	0.75	2.01	8100	2.39	0.91	2.00	6600	2.28	1.00	1.91	5400	2.32	0.99	1.94	4200	2.62						
	ADD30T30100C*	138	1140	1	25.0	65	8200	0.58	1.61	0.54	6600	0.74	1.69	0.67	4500	0.81	1.51	0.72	2700	0.91	1.11	0.80	-	-	-	-	-	-						
	ADD30T30150C*	131	1140	1 1/2	32.5	69	11000	1.08	1.22	0.93	9400	1.28	1.40	1.10	6900	1.32	1.39	1.13	4500	1.42	1.12	1.21	-	-	-	-	-	-						
	ADD30T30200C*	149	1140	2	35.0	70	11900	1.35	1.06	1.16	10400	1.5	1.30	1.30	8100	1.53	1.38	1.32	5100	1.61	1.10	1.38	3000	1.92	0.71	1.62	-	-						
	ADD30T30300B*	139	1750	3	25.0	74	12500	2.14	0.71	1.80	11300	2.53	0.86	2.12	10500	2.67	1.04	2.23	9300	2.74	1.14	2.28	8400	2.8	1.22	2.33	6600	2.9						
	ADD30T30500B*	149	1750	5	32.5	78	16500	4	0.50	3.31	15500	4.33	0.69	3.51	14700	4.52	0.86	3.66	13200	4.64	0.96	3.76	11700	4.63	1.03	3.75	9900	4.63						
	16"	ADD36T30200C*	180	1140	2	25.0	73	12500	1.5	1.00	1.28	10200	1.74	1.13	1.47	7500	1.78	1.13	1.50	4800	1.83	0.93	1.54	2100	1.97	0.52	1.66	-	-					
		ADD36T30300C*	212	1140	3	30.0	74	15000	2.15	0.83	1.81	13000	2.41	1.03	2.01	10200	2.43	1.11	2.03	7200	2.45	1.01	2.05	3900	2.71	0.64	2.26	-	-					
		ADD36T30500C*	223	1140	5	32.5	76	16300	2.59	0.74	2.18	14400	2.8	0.97	2.35	11700	2.81	1.08	2.35	8100	2.8	0.98	2.35	5100	3.04	0.72	2.54	2100	3.47					
ADD36T30500B*		180	1750	5	20.0	75	14200	3.18	0.54	2.64	12900	3.32	0.75	2.75	11700	3.46	0.89	2.87	10800	3.55	1.01	2.94	9300	3.62	1.04	3.00	7500	3.61						
ADD36T30750B*		245	1750	7 1/2	25.0	82	19600	4.53	0.52	3.67	18200	5.13	0.68	4.15	16800	5.46	0.81	4.41	15600	5.57	0.93	4.50	14400	5.62	1.04	4.54	12600	5.65						
ADD36T31000B*		255	1750	10	32.5	83	27600	8.8	0.37	7.14	26200	9.18	0.53	7.45	24900	9.46	0.67	7.68	23400	9.65	0.79	7.84	21900	9.73	0.88	7.91	20400	9.75						
ADD42T30200D*		233	860	2	35.0	70	18200	1.68	1.16	1.54	14100	1.88	1.30	1.72	9600	1.88	1.24	1.72	-	-	-	-	-	-	-	-	-	-						
ADD42T30300D*		233	860	3	37.5	72	19900	2.07	1.03	1.89	15800	2.21	1.23	2.01	10500	2.18	1.16	1.98	4500	2.4	0.63	2.18	-	-	-	-	-	-						
ADD42T30500C*		236	1140	5	35.0	76	24100	3.84	0.73	3.19	21000	4.25	0.91	3.53	18000	4.31	1.06	3.58	14700	4.27	1.12	3.55	10800	4.32	1.00	3.59	6000	4.57						
ADD42T30750C*		258	1140	7 1/2	37.5	78	26300	4.75	0.65	3.89	23300	4.99	0.87	4.08	20400	5.08	1.03	4.15	17100	5.02	1.12	4.10	12900	5.03	1.03	4.11	8100	5.2						
ADD42T31000B*		254	1750	10	25.0	83	22800	6.07	0.45	4.94	21000	6.25	0.64	5.08	19500	6.39	0.79	5.19	17700	6.5	0.90	5.28	16500	6.54	1.01	5.31	14300	6.45						
ADD42T31500B*		380	1750	15	32.5	89	33400	11.2	0.35	8.96	31400	12.1	0.48	9.73	29700	12.7	0.60	10.19	27600	12.9	0.69	10.40	25800	13	0.78	10.38	24000	13						
48"	ADD48T30500D*	382	860	5	35.0	75	28200	3.94	0.77	3.49	24600	4.4	0.96	3.89	20700	4.53	1.08	4.01	15300	4.51	1.03	3.99	10200	4.53	0.85	4.01	-	-						
	ADD48T30750D*	507	860	7 1/2	40.0	77	33300	4.46	0.79	3.96	29400	6.05	0.83	5.35	24600	6.07	0.95	5.37	18000	5.97	0.91	5.28	13500	6.00	0.82	5.38	6900	6.83						
	ADD48T31000C*	425	1140	10	32.5	81	34200	7.39	0.53	6.03	31600	7.84	0.74	6.39	29100	8.18	0.90	6.67	26400	8.42	1.01	6.87	23700	8.56	1.08	6.99	20400	8.57						
	ADD48T31500C*	570	1140	15	40.0	83	44200	12.5	0.41	10.07	41400	13.5	0.56	10.91	38400	14	0.69	11.37	34800	14	0.79	11.38	30900	14	0.85	11.39	26100	13.9						
	ADD48T32000C*	596	1140	20	45.0	85	50900	18	0.32	14.59	48800	18.4	0.48	14.87	44700	18.5	0.60	14.96	40400	18.2	0.71	14.74	36300	17.9	0.78	14.49	29700	17.4						
	ADD48T32000C*	596	1140	20	45.0	85	50900	18	0.32	14.59	48800	18.4	0.48	14.87	44700	18.5	0.60	14.96	40400	18.2	0.71	14.74	36300	17.9	0.78	14.49	29700	17.4						