



DDS - DIRECT DRIVE WALL FANS

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

The DDS fan utilizes a steel fan blade for efficient and economical operations and is direct drive, therefore requiring little to no maintenance.

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



BACK VIEW

FEATURES

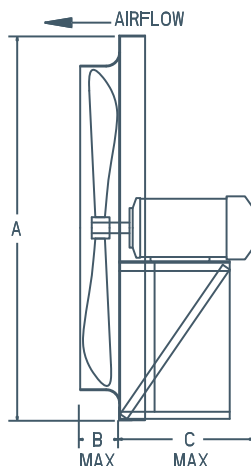
- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor supports.
- Galvanized, heavy gauge steel blades that are statically and dynamically balanced.
- TEFC motors are standard.



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
DDS12	12"	16.125"	2.0"	13"	--	--
DDS14	14"	18.125"	2.5"	13"	--	--
DDS16	16"	20.125"	3.0"	13"	--	--
DDS18	18"	22.125"	3.0"	13"	--	--
DDS20	20"	24.125"	3.5"	13"	--	--
DDS24	24"	29.625"	4.0"	13"	14"	--
DDS30	30"	35.625"	4.5"	13"	14"	25"
DDS36	36"	41.625"	5.0"	13"	14"	25"
DDS42	42"	47.625"	5.0"	13"	14"	25"
DDS48	48"	53.625"	5.0"	--	14"	25"



SPECIFICATIONS

BLADE DIAMETER	MODEL #		WEIGHT (LBS.)	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"
12"	DDS12T1033C	DDS12T3033C*	42	1140	1/3	53	940	647	325	-	-	-	-
	DDS12T1033B	DDS12T3033B*	34	1750	1/3	65	1422	1285	1062	697	587	419	234
14"	DDS14T1033C	DDS14T3033C*	45	1140	1/3	58	1346	1082	624	395	111	-	-
	DDS14T1033B	DDS14T3033B*	38	1750	1/3	67	2037	1879	1705	1417	1032	882	733
16"	DDS16T1033C	DDS16T3033C*	50	1140	1/3	63	1981	1660	1064	765	463	133	-
	DDS16T1033B	DDS16T3033B*	42	1750	1/3	72	2992	2841	2607	2223	1808	1521	1314
18"	DDS18T1033C	DDS18T3033C*	52	1140	1/3	64	2654	2331	1606	1077	745	449	228
	DDS18T1050B	DDS18T3050B*	44	1750	1/2	74	4016	3816	3594	3304	2934	2173	1814
20"	DDS20T1033C	DDS20T3033C*	56	1140	1/3	69	3561	3210	2734	1774	1350	986	675
	DDS20T1100B	DDS20T3100B*	67	1750	1	78	5389	5162	4926	4674	4350	3951	3191
24"	DDS24T1075C	DDS24T3075C*	100	1140	3/4	73	6549	6017	5527	4482	3454	2801	2226
	DDS24T1100B	DDS24T3100B*	93	1750	1	81	6761	6453	6128	5792	5291	4802	4316
30"	DDS24T1300B	DDS24T3300B*	132	1750	3	84	9909	9558	9207	8886	8599	8131	7576
	-	DDS30T3150C*	139	1140	1.5	79	11600	10925	10193	9127	7504	6177	5178
36"	DDS30T1500B	DDS30T3500B*	157	1750	5	90	17552	17106	16661	16215	15745	15190	14541
	-	DDS36T3200D*	230	860	2	80	16364	15172	13864	11597	9443	8094	6134
42"	-	DDS36T3500C*	233	1140	5	88	21692	20793	19893	18903	17883	15993	13983
	-	DDS42T3500D*	371	860	5	85	24499	23193	21957	20490	18660	15890	12704
48"	-	DDS42T3500C*	253	1140	5	88	23209	22619	21962	21019	19925	18829	17519
	-	DDS48T3750D*	520	860	7.5	89	35654	33411	31857	30219	28021	25622	22628
48"	-	DDS48T3750C*	398	1140	7.5	92	32563	31677	30688	29636	28562	27222	25795

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 a complete listing of all available options, see page C10.



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