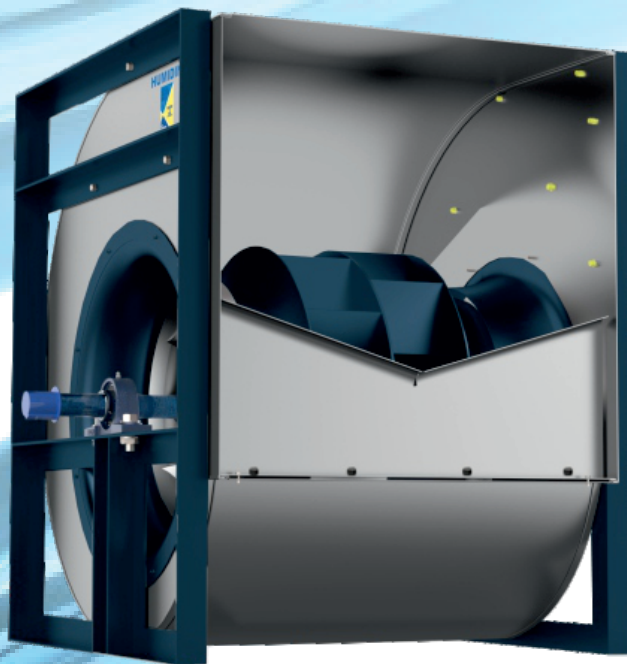
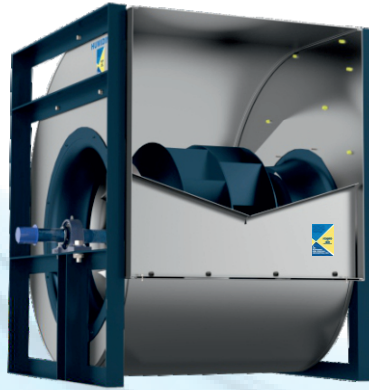


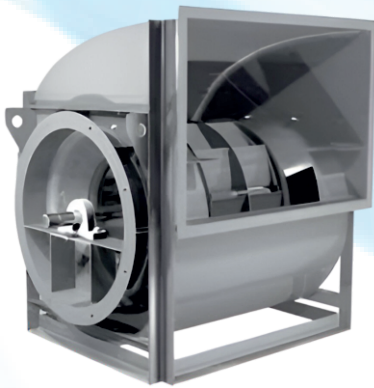
CENTRIFUGAL FAN



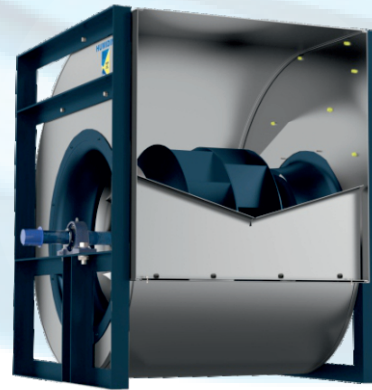
Quality Speaks For Itself



BACKWARD CURVED



LIMIT LOAD FAN



AEROFOIL CURVED

HUMIDIN CENTRIFUGAL FAN DIDW-BACKWARD / AEROFOIL / LIMIT LOAD FANS

CENTRIFUGAL BLOWERS, DIDW Fans, are designed to move air or gases by converting rotational kinetic energy into pressure energy. These blowers are used in a wide variety of applications where controlled, high-pressure Air moves is required. The (DIDW) designation indicates two inlets and double-width construction, which together allow for higher efficiency and greater Air moves capacity. The blades optimize the blower's performance by reducing the potential for cavitation and improving energy efficiency.

FEATURES:

1. Double Inlet (DIDW):

Two Inlets: The blower has two intake ports (inlets) instead of one, allowing it to draw air from both sides of the unit. This configuration enhances Air moves capacity and helps balance the load across the system.

2. Backward / Aerofoil / Limit Load Fan Blades:

Blade Design: The blades are angled in such a way that they curve backward (opposite of the Air moves). This design minimizes turbulence, reduces noise, and increases efficiency compared to other blade types (such as forward curve blades).

Energy Efficiency: blades generally require less energy to achieve the same Air moves, leading to lower power consumption and reduced operating costs.

3. Versatility in Pressure Handling:

High Pressure Capability: DIDW backward curve /Aerofoil blowers are designed for applications where higher system pressures are encountered, making them ideal for heavy-duty tasks like air handling and fume extraction systems.

Stable Operation: These blowers maintain a consistent Air moves even when the pressure in the system fluctuates, ensuring reliable operation.

4. Noise Reduction:

The backward curve blades also help reduce operational noise, as they generate less turbulence. This makes the blower suitable for environments where noise control is a priority, such as in commercial HVAC systems.

5. Shaft

The shaft used for the fan are made of EN-8/SAE-1040 carbon steel and machined to the prescribed tolerances with standard key ways The Shaft are grinded for better performance and finish. The Shafts are coated with Varnish/Laquer after assembly.

6. Bearings

HUMIDIN Backward curved blower have (NTN/FYH bearings) of international standard The Bearings are either deep groove ball bearings or spherical roller bearings with accentric locking collars/adaptor sleeve sealed at both sides. The Bearings are pre- lubricated and are maintenance free.

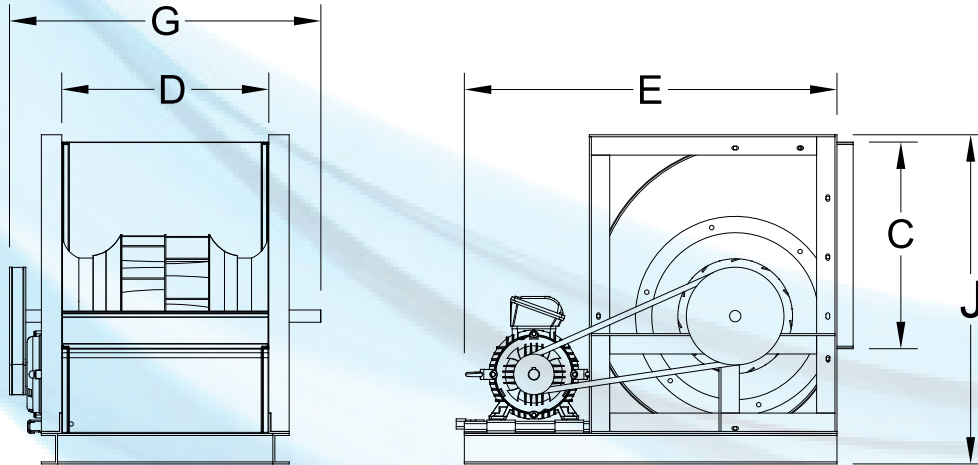
MATERIAL OF CONSTRUCTION:

- CASING - GI/MS/SS/MS(HOT DIP GALVANIZED)
- SHAFT - MS (EN 8) / SS
- BEARING - PILLOW BLOCK
- IMPELLER - MS/GI/SS
- IMPELLER HUB - CI / CI WITH TAPPER BUSH ARRANGEMENT
- SIDE FRAME - MS / SS
- INLET CONE - FRP/MS/GI/SS

APPLICATIONS

- HVAC Systems:
- Air Handling Units (AHUs):
- Industrial Process Ventilation:
- Clean Room Applications:

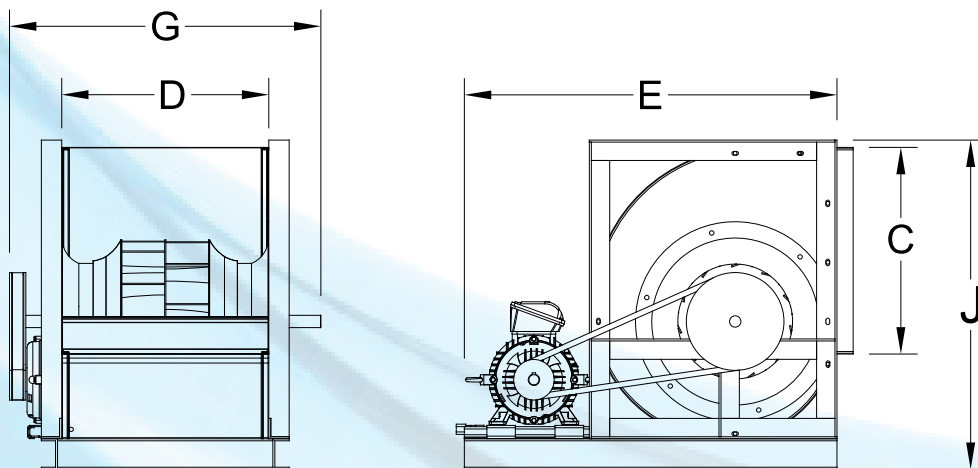
DIMENSIONS TABLE OF BACKWARD CURVED (DIDW) SERIES



CENTRIFUGAL FAN (BACKWARD CURVED)-DIDW

AIR VOLUME (CFM)	STATIC PRESSURE (mmwg)	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY (%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
1000	30	DIDW	180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	40	DIDW	180	7.26	0.5	69.2	59	2929	228	228	570	395	405
	50	DIDW	180	7.26	0.75	71.4	60	3127	228	228	570	395	405
	60	DIDW	180	7.26	0.75	72.4	61	3318	228	228	570	395	405
	70	DIDW	180	7.26	1	72.7	62	3506	228	228	570	395	405
	80	DIDW	180	7.26	1	72.5	63	3691	228	228	570	395	405
2000	30	DIDW	250	8.99	1	55.4	65	2509	322	322	666	530	549
	40	DIDW	250	8.99	1.5	60.9	65	2656	322	322	666	530	549
	50	DIDW	250	8.99	1.5	64.9	66	2796	322	322	666	530	549
	60	DIDW	250	8.99	1.5	67.7	66	2929	322	322	666	530	549
	70	DIDW	250	8.99	2	69.6	67	3055	322	322	666	530	549
	80	DIDW	250	8.99	2	70.9	68	3179	322	322	666	530	549
3000	30	DIDW	315	8.69	1.5	57.9	65	1922	404	404	751	625	656
	40	DIDW	315	8.69	2	63.3	66	2043	404	404	751	625	656
	50	DIDW	315	8.69	2	67	66	2157	404	404	751	625	656
	60	DIDW	315	8.69	3	69.4	67	2265	404	404	751	625	656
	70	DIDW	315	8.69	3	70.9	67	2369	404	404	751	625	656
	80	DIDW	315	8.69	3	71.8	68	2471	404	404	751	625	656
4000	30	DIDW	355	9.26	2	56.3	66	1758	452	452	810	710	729
	40	DIDW	355	9.26	3	61.8	67	1862	452	452	810	710	729
	50	DIDW	355	9.26	3	65.6	68	1961	452	452	810	710	729
	60	DIDW	355	9.26	3	68.3	68	2055	452	452	810	710	729
	70	DIDW	355	9.26	5	70.1	71	2144	452	452	847	710	729
	80	DIDW	355	9.26	5	71.3	69	2232	452	452	847	710	729
5000	30	DIDW	400	9.22	3	57.1	66	1545	507	507	916	765	809
	40	DIDW	400	9.22	3	62.5	67	1638	507	507	916	765	809
	50	DIDW	400	9.22	5	66.3	68	1727	507	507	916	765	809
	60	DIDW	400	9.22	5	68.8	68	1810	507	507	916	765	809
	70	DIDW	400	9.22	5	70.5	69	1891	507	507	916	765	809
	80	DIDW	400	9.22	5	71.7	70	1969	507	507	916	765	809
6000	30	DIDW	450	8.77	3	59.2	66	1329	568	568	992	885	900
	40	DIDW	450	8.77	5	64.4	66	1415	568	568	992	885	900
	50	DIDW	450	8.77	5	67.9	67	1495	568	568	992	885	900
	60	DIDW	450	8.77	5	70.1	68	1572	568	568	992	885	900
	70	DIDW	450	8.77	5	71.5	69	1645	568	568	992	885	900
	80	DIDW	450	8.77	7.5	72.3	69	1718	568	568	1025	885	900

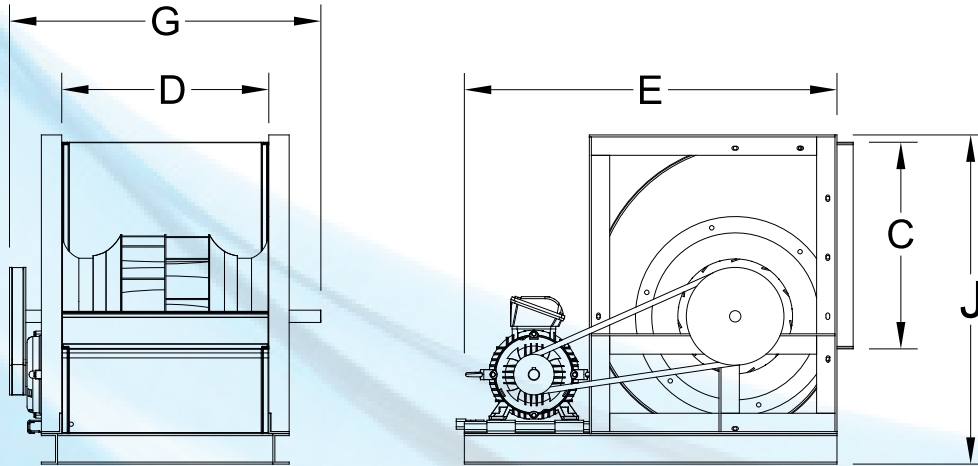
NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE



CENTRIFUGAL FAN (BACKWARD CURVED)-DIDW

AIR VOLUME (CFM)	STATIC PRESSURE (mmwg)	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY (%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
8000	30	DIDW	500	9.4	5	56.1	68	1255	634	634	758	950	990
	40	DIDW	500	9.4	5	61.6	68	1328	634	634	758	950	990
	50	DIDW	500	9.4	5	65.4	69	1398	634	634	758	950	990
	60	DIDW	500	9.4	7.5	68.2	70	1464	634	634	758	950	990
	70	DIDW	500	9.4	7.5	70	70	1528	634	634	758	950	990
	80	DIDW	500	9.4	7.5	71.3	71	1589	634	634	758	950	990
9000	30	DIDW	560	8.43	5	60.3	66	1048	710	710	1190	1065	1100
	40	DIDW	560	8.43	5	65.4	67	1118	710	710	1190	1065	1100
	50	DIDW	560	8.33	7.5	68.6	67	1184	710	710	1190	1065	1100
	60	DIDW	560	8.43	7.5	70.6	68	1246	710	710	1190	1065	1100
	70	DIDW	560	8.43	7.5	71.8	69	1307	710	710	1190	1065	1100
	80	DIDW	560	8.43	10	72.5	69	1366	710	710	1190	1065	1100
10000	30	DIDW	560	9.37	5	56.2	68	1118	710	710	1190	1065	1100
	40	DIDW	560	9.37	7.5	61.7	69	1184	710	710	1190	1065	1100
	50	DIDW	560	9.37	7.5	65.6	69	1246	710	710	1190	1065	1100
	60	DIDW	560	9.37	7.5	68.3	70	1305	710	710	1190	1065	1100
	70	DIDW	560	9.37	10	70.1	71	1362	710	710	1190	1065	1100
	80	DIDW	560	9.37	10	71.3	71	1417	710	710	1190	1065	1100
12000	30	DIDW	630	8.85	7.5	58.2	68	961	800	800	1310	1160	1225
	40	DIDW	630	8.85	7.5	63.6	68	1021	800	800	1310	1160	1225
	50	DIDW	630	8.85	7.5	67.2	69	1078	800	800	1310	1160	1225
	60	DIDW	630	8.85	10	69.6	70	1132	800	800	1310	1160	1225
	70	DIDW	630	8.85	10	71.1	70	1185	800	800	1310	1160	1225
	80	DIDW	630	8.85	15	72	71	1236	800	800	1460	1160	1225
14000	30	DIDW	710	8.2	7.5	61.6	66	811	898	898	1418	1265	1370
	40	DIDW	710	8.2	7.5	66.5	67	867	898	898	1418	1265	1370
	50	DIDW	710	8.2	10	69.5	68	920	898	898	1418	1265	1370
	60	DIDW	710	8.2	10	71.3	68	970	898	898	1418	1265	1370
	70	DIDW	710	8.2	15	72.2	69	1019	898	898	1568	1265	1370
	80	DIDW	710	8.2	15	72.6	70	1067	898	898	1568	1265	1370
15000	30	DIDW	710	8.78	7.5	59	67	845	898	898	1418	1265	1370
	40	DIDW	710	8.78	10	64.2	68	899	898	898	1418	1265	1370
	50	DIDW	710	8.78	10	67.7	69	950	898	898	1418	1265	1370
	60	DIDW	710	8.78	10	70	70	998	898	898	1418	1265	1370
	70	DIDW	710	8.78	15	71.4	70	1045	898	898	1568	1265	1370
	80	DIDW	710	8.78	15	72.2	71	1090	898	898	1568	1265	1370
16000	30	DIDW	710	9.37	7.5	56.5	69	879	898	898	1418	1265	1370
	40	DIDW	710	9.37	10	61.9	70	931	898	898	1418	1265	1370
	50	DIDW	710	9.37	10	65.8	70	980	898	898	1418	1265	1370
	60	DIDW	710	9.37	15	68.4	71	1027	898	898	1568	1265	1370
	70	DIDW	710	9.37	15	70.2	72	1072	898	898	1568	1265	1370
	80	DIDW	710	9.37	15	71.4	72	1116	898	898	1568	1265	1370

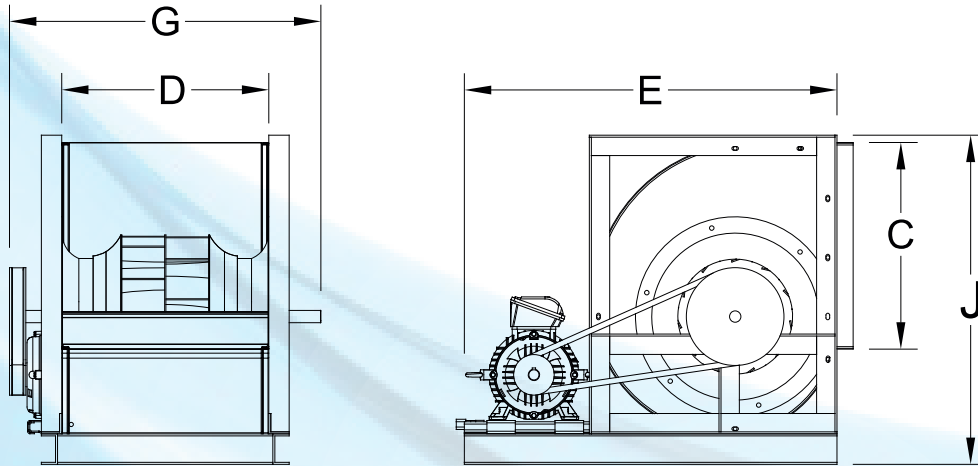
NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE



CENTRIFUGAL FAN (BACKWARD CURVED)-DIDW

AIR VOLUME (CFM)	STATIC PRESSURE (mmwg)	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY (%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
18000	30	DIDW	800	8.4	7.5	62.6	67	717	1006	1006	1540	1380	1532
	40	DIDW	800	8.4	10	68.3	68	764	1006	1006	1540	1380	1532
	50	DIDW	800	8.4	10	72.3	68	808	1006	1006	1540	1380	1532
	60	DIDW	800	8.4	15	74.9	69	850	1006	1006	1690	1380	1532
	70	DIDW	800	8.4	15	76.5	70	890	1006	1006	1690	1380	1532
	80	DIDW	800	8.4	15	77.3	70	929	1006	1006	1690	1380	1532
20000	30	DIDW	800	9.33	10	58.4	70	764	1006	1006	1690	1380	1532
	40	DIDW	800	9.33	15	64.1	70	810	1006	1006	1690	1380	1532
	50	DIDW	800	9.33	15	68.5	71	852	1006	1006	1690	1380	1532
	60	DIDW	800	9.33	15	71.8	71	891	1006	1006	1690	1380	1532
	70	DIDW	800	9.33	15	74.2	72	929	1006	1006	1690	1380	1532
	80	DIDW	800	9.33	20	75.8	72	965	1006	1006	1690	1380	1532
24000	30	DIDW	900	8.84	10	60.5	69	657	1132	1132	1851	1550	1715
	40	DIDW	900	8.84	15	66.2	69	698	1132	1132	1851	1550	1715
	50	DIDW	900	8.84	15	70.5	70	737	1132	1132	1851	1550	1715
	60	DIDW	900	8.84	20	73.5	70	773	1132	1132	1851	1550	1715
	70	DIDW	900	8.84	20	75.5	71	807	1132	1132	1851	1550	1715
	80	DIDW	900	8.84	20	76.7	71	841	1132	1132	1851	1550	1715
27000	30	DIDW	900	9.95	15	56	72	707	1132	1132	1851	1550	1715
	40	DIDW	900	9.95	15	61.5	72	747	1132	1132	1851	1550	1715
	50	DIDW	900	9.95	20	66	72	784	1132	1132	1851	1550	1715
	60	DIDW	900	9.95	20	69.5	73	818	1132	1132	1851	1550	1715
	70	DIDW	900	9.95	25	72.2	73	851	1132	1132	1851	1550	1715
	80	DIDW	900	9.95	25	74.2	74	882	1132	1132	1851	1550	1715
30000	30	DIDW	1000	8.84	15	59.8	69	596	1266	1266	1932	1715	1900
	40	DIDW	1000	8.84	15	65.6	70	633	1266	1266	1932	1715	1900
	50	DIDW	1000	8.84	20	69.9	70	667	1266	1266	1932	1715	1900
	60	DIDW	1000	8.84	20	73	71	699	1266	1266	1932	1715	1900
	70	DIDW	1000	8.84	25	75.1	71	730	1266	1266	1932	1715	1900
	80	DIDW	1000	8.84	25	76.4	72	760	1266	1266	1932	1715	1900
32000	30	DIDW	1000	9.43	15	57.3	71	620	1266	1266	1932	1715	2000
	40	DIDW	1000	9.43	20	62.9	71	656	1266	1266	1932	1715	2000
	50	DIDW	1000	9.43	20	67.4	72	690	1266	1266	1932	1715	2000
	60	DIDW	1000	9.43	25	70.8	72	721	1266	1266	1932	1715	2000
	70	DIDW	1000	9.43	25	73.4	73	751	1266	1266	1932	1715	2000
	80	DIDW	1000	9.43	30	75.1	73	780	1266	1266	1932	1715	2000
35000	30	DIDW	1120	8.17	15	62.6	68	510	1422	1422	2178	1870	2235
	40	DIDW	1120	8.17	20	68.3	68	544	1422	1422	2178	1870	2235
	50	DIDW	1120	8.17	20	72.3	69	575	1422	1422	2178	1870	2235
	60	DIDW	1120	8.17	25	74.9	70	605	1422	1422	2178	1870	2235
	70	DIDW	1120	8.17	25	76.4	70	634	1422	1422	2178	1870	2235
	80	DIDW	1120	8.17	30	77.2	71	662	1422	1422	2178	1870	2235

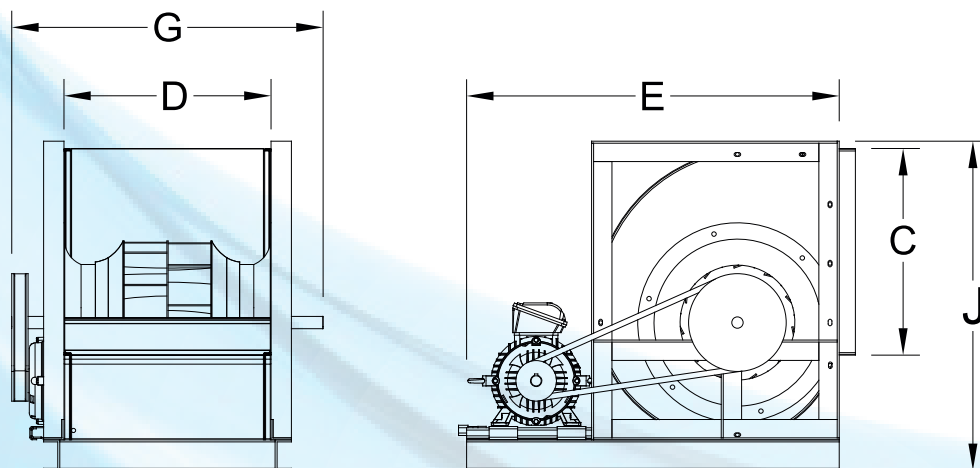
NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE



CENTRIFUGAL FAN (BACKWARD CURVED)-DIDW

AIR VOLUME (CFM)	STATIC PRESSURE (mmwg)	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY (%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
40000	30	DIDW	1120	9.34	20	57.3	71	553	1422	1422	2178	1870	2235
	40	DIDW	1120	9.34	25	63	71	585	1422	1422	2178	1870	2235
	50	DIDW	1120	9.34	25	67.5	72	615	1422	1422	2178	1870	2235
	60	DIDW	1120	9.34	30	70.9	72	643	1422	1422	2178	1870	2235
	70	DIDW	1120	9.34	30	73.5	73	669	1422	1422	2178	1870	2235
	80	DIDW	1120	9.34	40	75.1	73	695	1422	1422	2378	1870	2235
44000	30	DIDW	1250	8.27	20	62.2	68	459	1422	1422	2178	1870	2235
	40	DIDW	1250	8.27	25	68	69	489	1422	1422	2178	1870	2235
	50	DIDW	1250	8.27	25	72	70	517	1422	1422	2178	1870	2235
	60	DIDW	1250	8.27	30	74.7	74	544	1422	1422	2178	1870	2235
	70	DIDW	1250	8.27	40	76.3	71	570	1422	1422	2378	1870	2235
	80	DIDW	1250	8.27	40	77.2	71	595	1422	1422	2378	1870	2235
50000	30	DIDW	1250	9.4	25	57.2	72	496	1585	1585	2380	2050	2360
	40	DIDW	1250	9.4	30	62.9	72	525	1585	1585	2380	2050	2360
	50	DIDW	1250	9.4	30	67.4	72	552	1585	1585	2380	2050	2360
	60	DIDW	1250	9.4	40	70.8	73	577	1585	1585	2580	2050	2360
	70	DIDW	1250	9.4	40	73.4	73	601	1585	1585	2580	2050	2360
	80	DIDW	1250	9.4	40	75.1	74	624	1585	1585	2580	2050	2360
55000	30	DIDW	1400	8.24	25	62.4	68	409	1775	1775	2705	2250	2662
	40	DIDW	1400	8.24	30	68.1	69	436	1775	1775	2705	2250	2662
	50	DIDW	1400	8.24	30	72.2	70	461	1775	1775	2705	2250	2662
	60	DIDW	1400	8.24	40	74.8	70	485	1775	1775	2905	2250	2662
	70	DIDW	1400	8.24	40	76.4	71	508	1775	1775	2905	2250	2662
	80	DIDW	1400	8.24	50	77.2	72	531	1775	1775	2905	2250	2662
60000	30	DIDW	1400	8.99	30	59	71	431	1775	1775	2705	2250	2662
	40	DIDW	1400	8.99	40	64.7	71	457	1775	1775	2705	2250	2662
	50	DIDW	1400	8.99	40	69.1	72	481	1775	1775	2705	2250	2662
	60	DIDW	1400	8.99	40	72.3	72	504	1775	1775	2705	2250	2662
	70	DIDW	1400	8.99	50	74.5	73	526	1775	1775	2905	2250	2662
	80	DIDW	1400	8.99	50	76	73	547	1775	1775	2905	2250	2662
65000	30	DIDW	1400	9.5	25	70	68	409	1775	1775	2905	2250	2662
	40	DIDW	1400	9.5	25	76	69	437	1775	1775	2905	2250	2662
	50	DIDW	1400	9.5	30	80	69	463	1775	1775	2905	2250	2662
	60	DIDW	1400	9.5	40	82	70	486	1775	1775	2905	2250	2662
	70	DIDW	1400	9.5	40	83	73	508	1775	1775	2905	2250	2662
	80	DIDW	1400	9.5	50	84	73	529	1775	1775	2905	2250	2662
70000	40	DIDW	1600	7.5	30	78	66	358	2025	2025	3086	2550	3050
	50	DIDW	1600	7.5	40	80	67	382	2025	2025	3086	2550	3050
	60	DIDW	1600	7.5	40	81	68	404	2025	2025	3086	2550	3050
	70	DIDW	1600	7.5	40	82	69	426	2025	2025	3086	2550	3050
	80	DIDW	1600	7.5	50	82	70	446	2025	2025	3086	2550	3050

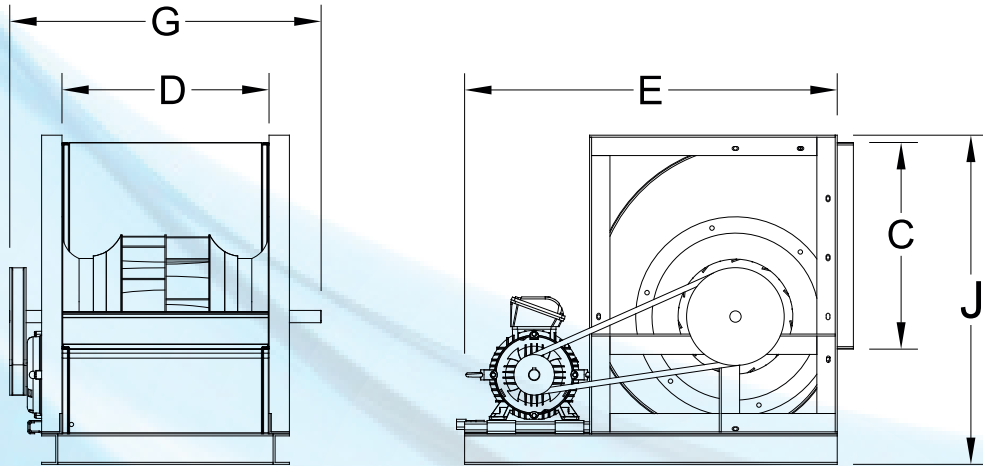
NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE



CENTRIFUGAL FAN (BACKWARD CURVED)-DIDW

AIR VOLUME (CFM)	STATIC PRESSURE (mmwg)	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY(%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
75000	40	DIDW	1600	8.6	30	76	67	370	2025	2025	3086	2550	3050
	50	DIDW	1600	8.6	40	79	68	393	2025	2025	3086	2550	3050
	60	DIDW	1600	8.6	40	80	69	415	2025	2025	3086	2550	3050
	70	DIDW	1600	8.6	50	81	70	435	2025	2025	3086	2550	3050
	80	DIDW	1600	8.6	50	82	71	455	2025	2025	3086	2550	3050
80000	40	DIDW	1600	9.2	40	74	69	382	2025	2025	3086	2550	3050
	50	DIDW	1600	9.2	40	78	70	405	2025	2025	3086	2550	3050
	60	DIDW	1600	9.2	50	80	70	426	2025	2025	3086	2550	3050
	70	DIDW	1600	9.2	50	81	71	446	2025	2025	3086	2550	3050
	80	DIDW	1600	9.2	60	81	72	465	2025	2025	3086	2550	3050
85000	40	DIDW	1800	7.7	40	79	65	313	2278	2278	3400	2890	3410
	50	DIDW	1800	7.7	40	81	67	335	2278	2278	3400	2890	3410
	60	DIDW	1800	7.7	50	82	68	355	2278	2278	3400	2890	3410
	70	DIDW	1800	7.7	50	82	69	374	2278	2278	3400	2890	3410
	80	DIDW	1800	7.7	60	82	70	393	2278	2278	3400	2890	3410
90000	40	DIDW	1800	8.2	40	78	66	321	2278	2278	3400	2890	3410
	50	DIDW	1800	8.2	40	80	68	342	2278	2278	3400	2890	3410
	60	DIDW	1800	8.2	50	81	69	362	2278	2278	3400	2890	3410
	70	DIDW	1800	8.2	60	82	69	381	2278	2278	3400	2890	3410
	80	DIDW	1800	8.2	60	82	70	399	2278	2278	3400	2890	3410
95000	40	DIDW	1800	8.2	40	78	66	321	2278	2278	3400	2890	3410
	50	DIDW	1800	8.2	40	80	68	342	2278	2278	3400	2890	3410
	60	DIDW	1800	8.2	50	81	69	362	2278	2278	3400	2890	3410
	70	DIDW	1800	8.2	60	82	69	381	2278	2278	3400	2890	3410
	80	DIDW	1800	8.2	60	82	70	399	2278	2278	3400	2890	3410
100000	40	DIDW	1800	9.1	40	75	68	338	2278	2278	3400	2890	3410
	50	DIDW	1800	9.1	50	78	69	358	2278	2278	3400	2890	3410
	60	DIDW	1800	9.1	60	80	70	377	2278	2278	3400	2890	3410
	70	DIDW	1800	9.1	60	81	71	395	2278	2278	3400	2890	3410
	80	DIDW	1800	9.1	75	81	72	412	2278	2278	3400	2890	3410

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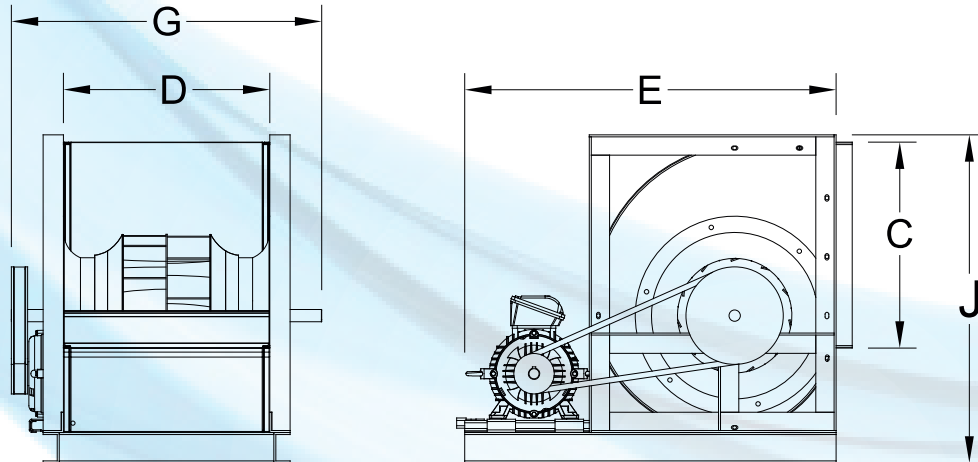


CENTRIFUGAL FAN (BACKWARD CURVED)-DIDW

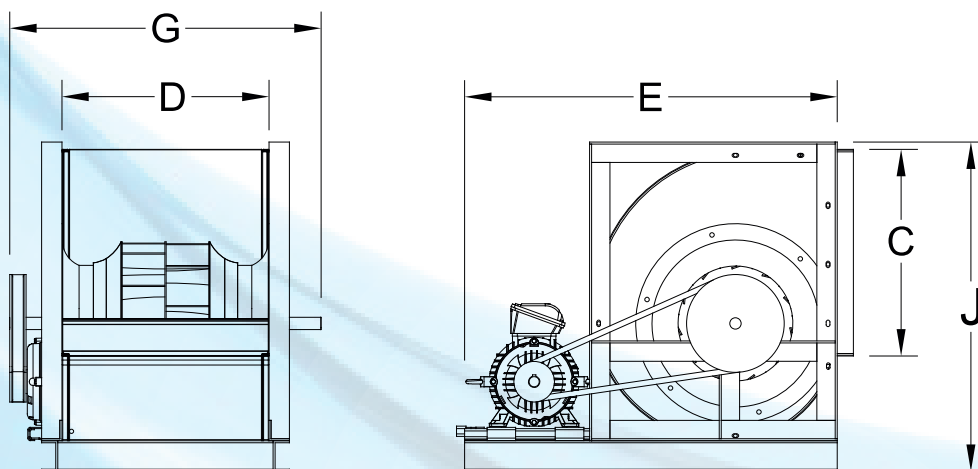
AIR VOLUME (CFM)	STATIC PRESSURE (mmwg)	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY(%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
110000	40	DIDW	2000	8.11	50	78	67	288	2530	2530	3842	3230	3815
	50	DIDW	2000	8.11	50	80	68	307	2530	2530	3842	3230	3815
	60	DIDW	2000	8.11	60	81	69	325	2530	2530	3842	3230	3815
	70	DIDW	2000	8.11	75	82	70	342	2530	2530	3842	3230	3815
	80	DIDW	2000	8.11	75	82	71	358	2530	2530	3842	3230	3815
120000	40	DIDW	2000	8.8	50	76	68	300	2530	2530	3842	3230	3815
	50	DIDW	2000	8.8	60	78	66	319	2530	2530	3842	3230	3815
	60	DIDW	2000	8.8	75	80	70	336	2530	2530	3842	3230	3815
	70	DIDW	2000	8.8	75	81	71	352	2530	2530	3842	3230	3815
	80	DIDW	2000	8.8	100	82	72	368	2530	2530	3842	3230	3815

NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE

DIMENSIONS TABLE OF AEROFOIL CURVED (DIDW) SERIES



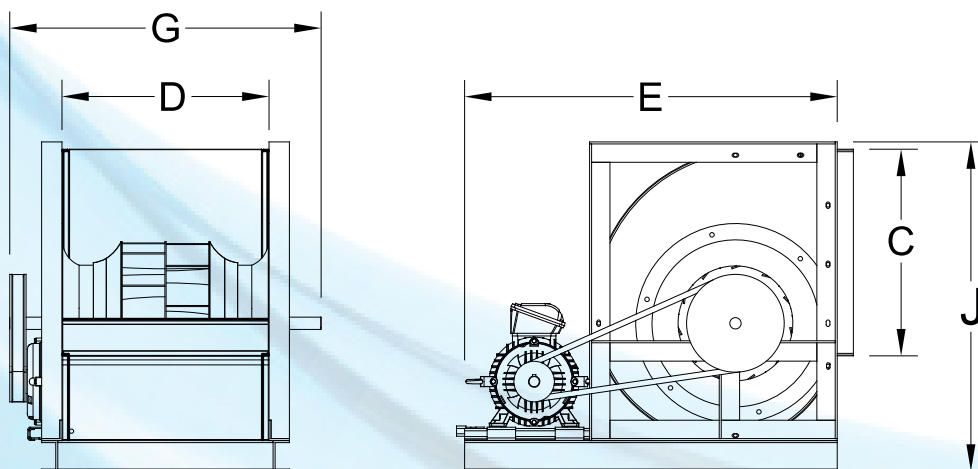
CENTRIFUGAL FAN (AEROFOIL BACKWARD CURVED)-DIDW													
AIR VOLUME (CFM)	STATIC PRESSURE (mmwg)	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY (%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
1000	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	40	DIDW	180	7.26	0.5	80.7	54	2724	228	228	570	395	405
	50	DIDW	180	7.26	0.75	81.8	55	2922	228	228	570	395	405
	60	DIDW	180	7.26	0.75	82	55	3113	228	228	570	395	405
	70	DIDW	180	7.26	0.75	81.6	55	3298	228	228	570	395	405
	80	DIDW	180	7.26	1	80.8	56	3481	228	228	570	395	405
2000	30	DIDW	250	8.99	1	70.2	57	2264	322	322	666	530	549
	40	DIDW	250	8.99	1	74.9	58	2431	322	322	666	530	549
	50	DIDW	250	8.99	1.5	77.8	60	2581	322	322	666	530	549
	60	DIDW	250	8.99	1.5	79.6	61	2717	322	322	666	530	549
	70	DIDW	250	8.99	1.5	80.7	61	2846	322	322	666	530	549
	80	DIDW	250	8.99	2	81.4	62	2969	322	322	666	530	549
3000	30	DIDW	315	8.69	1.5	72.6	56	1744	404	404	751	625	656
	40	DIDW	315	8.69	1.5	76.9	57	1879	404	404	751	625	656
	50	DIDW	315	8.69	2	79.3	58	1998	404	404	751	625	656
	60	DIDW	315	8.69	2	80.7	59	2107	404	404	751	625	656
	70	DIDW	315	8.69	2	81.5	60	2212	404	404	751	625	656
	80	DIDW	315	8.69	3	81.9	61	2313	404	404	751	625	656
4000	30	DIDW	355	9.26	1.5	71.2	58	1587	452	452	810	710	729
	40	DIDW	355	9.26	2	75.8	59	1706	452	452	810	710	729
	50	DIDW	355	9.26	3	78.5	60	1811	452	452	810	710	729
	60	DIDW	355	9.26	3	80.2	60	1907	452	452	810	710	729
	70	DIDW	355	9.26	3	81.2	61	1998	452	452	847	710	729
	80	DIDW	355	9.26	5	81.8	62	2085	452	452	847	710	729
5000	30	DIDW	400	9.22	2	72	58	1397	507	507	916	765	809
	40	DIDW	400	9.22	3	76.4	59	1503	507	507	916	765	809
	50	DIDW	400	9.22	3	79	60	1596	507	507	916	765	809
	60	DIDW	400	9.22	3	80.6	60	1682	507	507	916	765	809
	70	DIDW	400	9.22	5	81.5	61	1763	507	507	916	765	809
	80	DIDW	400	9.22	5	82	62	1841	507	507	916	765	809
6000	30	DIDW	450	8.77	3	73.8	57	1209	568	568	992	885	900
	40	DIDW	450	8.77	3	77.8	59	1303	568	568	992	885	900
	50	DIDW	450	8.77	5	80	60	1386	568	568	992	885	900
	60	DIDW	450	8.77	5	81.3	61	1464	568	568	992	885	900
	70	DIDW	450	8.77	5	82	61	1538	568	568	992	885	900
	80	DIDW	450	8.77	5	82.3	61	1609	568	568	1025	885	900
8000	30	DIDW	500	9.4	3	71.1	59	1132	634	634	758	950	990
	40	DIDW	500	9.4	5	75.7	60	1216	634	634	758	950	990
	50	DIDW	500	9.4	5	78.5	62	1290	634	634	758	950	990
	60	DIDW	500	9.4	5	80.1	63	1359	634	634	758	950	990
	70	DIDW	500	9.4	7.5	81.2	63	1423	634	634	758	950	990
	80	DIDW	500	9.4	7.5	81.8	64	1484	634	634	758	950	990
NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE													



CENTRIFUGAL FAN (AEROFOIL BACKWARD CURVED)-DIDW

AIR VOLUME (CFM)	STATIC PRESSURE (mmwg)	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY (%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
9000	30	DIDW	560	8.43	5	74.7	57	956	710	710	1190	1065	1100
	40	DIDW	560	8.43	5	78.4	58	1032	710	710	1190	1065	1100
	50	DIDW	560	8.33	5	80.4	59	1099	710	710	1190	1065	1100
	60	DIDW	560	8.43	7.5	81.5	60	1162	710	710	1190	1065	1100
	70	DIDW	560	8.43	7.5	82.1	61	1223	710	710	1190	1065	1100
10000	80	DIDW	560	8.43	7.5	82.1	62	1282	710	710	1190	1065	1100
	30	DIDW	560	9.37	5	71.2	59	1009	710	710	1190	1065	1100
	40	DIDW	560	9.37	5	75.8	60	1084	710	710	1190	1065	1100
	50	DIDW	560	9.37	7.5	78.5	61	1150	710	710	1190	1065	1100
	60	DIDW	560	9.37	7.5	80.2	62	1211	710	710	1190	1065	1100
12000	70	DIDW	560	9.37	7.5	81.2	63	1269	710	710	1190	1065	1100
	80	DIDW	560	9.37	10	81.8	64	1324	710	710	1190	1065	1100
	30	DIDW	630	8.85	5	72.9	58	872	800	800	1310	1160	1225
	40	DIDW	630	8.85	7.5	77.2	59	939	800	800	1310	1160	1225
	50	DIDW	630	8.85	7.5	79.5	60	999	800	800	1310	1160	1225
14000	60	DIDW	630	8.85	7.5	80.9	61	1054	800	800	1310	1160	1225
	70	DIDW	630	8.85	10	81.7	62	1106	800	800	1310	1160	1225
	80	DIDW	630	8.85	10	82.1	63	1156	800	800	1460	1160	1225
	30	DIDW	710	8.2	5	75.7	57	742	898	898	1418	1265	1370
	40	DIDW	710	8.2	7.5	79.2	58	802	898	898	1418	1265	1370
15000	50	DIDW	710	8.2	7.5	80.9	59	856	898	898	1418	1265	1370
	60	DIDW	710	8.2	10	81.9	60	906	898	898	1418	1265	1370
	70	DIDW	710	8.2	10	82.2	60	954	898	898	1568	1265	1370
	80	DIDW	710	8.2	15	82.1	61	1002	898	898	1568	1265	1370
	30	DIDW	710	8.78	7.5	73.6	58	768	898	898	1418	1265	1370
16000	40	DIDW	710	8.78	7.5	77.7	59	827	898	898	1418	1265	1370
	50	DIDW	710	8.78	7.5	79.9	60	880	898	898	1418	1265	1370
	60	DIDW	710	8.78	10	81.2	61	929	898	898	1418	1265	1370
	70	DIDW	710	8.78	10	81.9	62	976	898	898	1568	1265	1370
	80	DIDW	710	8.78	15	82.2	62	1021	898	898	1568	1265	1370
18000	30	DIDW	710	9.37	7.5	71.5	60	794	898	898	1418	1265	1370
	40	DIDW	710	9.37	7.5	76	61	853	898	898	1418	1265	1370
	50	DIDW	710	9.37	10	78.7	62	905	898	898	1418	1265	1370
	60	DIDW	710	9.37	10	80.3	62	953	898	898	1568	1265	1370
	70	DIDW	710	9.37	15	81.3	63	999	898	898	1568	1265	1370
18000	80	DIDW	710	9.37	15	81.9	64	1043	898	898	1568	1265	1370
	30	DIDW	800	8.4	7.5	75.5	60	675	1006	1006	1540	1380	1532
	40	DIDW	800	8.4	7.5	80	60	725	1006	1006	1540	1380	1532
	50	DIDW	800	8.4	10	82.3	62	770	1006	1006	1540	1380	1532
	60	DIDW	800	8.4	10	83.5	63	814	1006	1006	1690	1380	1532
18000	70	DIDW	800	8.4	15	84.1	64	856	1006	1006	1690	1380	1532
	80	DIDW	800	8.4	15	84.3	65	897	1006	1006	1690	1380	1532

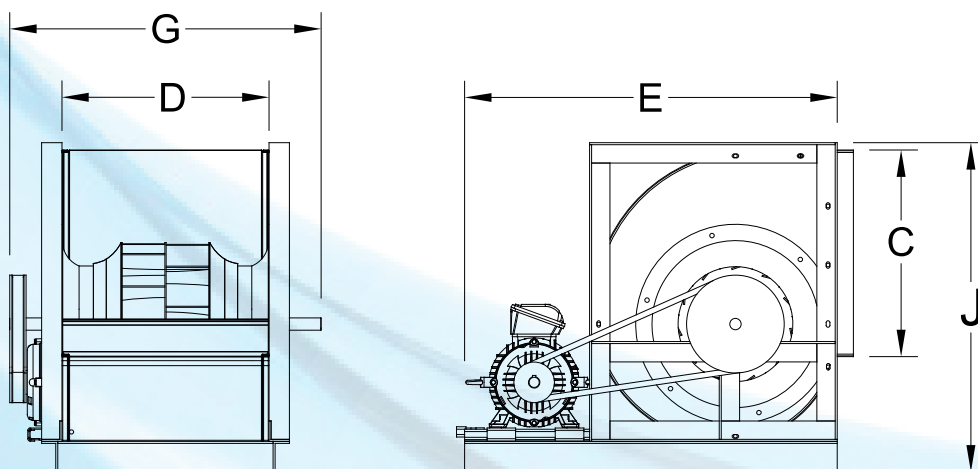
NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE



CENTRIFUGAL FAN (AEROFOIL BACKWARD CURVED)-DIDW

AIR VOLUME (CFM)	STATIC PRESSURE (mmwg)	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY (%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
20000	30	DIDW	800	9.33	7.5	71.5	62	716	1006	1006	1690	1380	1532
	40	DIDW	800	9.33	10	76.9	63	764	1006	1006	1690	1380	1532
	50	DIDW	800	9.33	10	80.2	63	808	1006	1006	1690	1380	1532
	60	DIDW	800	9.33	15	82.1	64	849	1006	1006	1690	1380	1532
	70	DIDW	800	9.33	15	83.2	65	889	1006	1006	1690	1380	1532
	80	DIDW	800	9.33	15	83.3	66	927	1006	1006	1690	1380	1532
24000	30	DIDW	900	8.84	10	73.6	61	617	1132	1132	1851	1550	1715
	40	DIDW	900	8.84	10	78.6	62	661	1132	1132	1851	1550	1715
	50	DIDW	900	8.84	15	81.4	63	700	1132	1132	1851	1550	1715
	60	DIDW	900	8.84	15	83	64	738	1132	1132	1851	1550	1715
	70	DIDW	900	8.84	20	83.8	65	774	1132	1132	1851	1550	1715
	80	DIDW	900	8.84	20	84.2	66	810	1132	1132	1851	1550	1715
27000	30	DIDW	900	9.95	15	69	64	661	1132	1132	1851	1550	1715
	40	DIDW	900	9.95	15	74.6	65	703	1132	1132	1851	1550	1715
	50	DIDW	900	9.95	15	78.4	65	741	1132	1132	1851	1550	1715
	60	DIDW	900	9.95	20	80.8	66	777	1132	1132	1851	1550	1715
	70	DIDW	900	9.95	20	82.3	67	811	1132	1132	1851	1550	1715
	80	DIDW	900	9.95	20	83.3	68	844	1132	1132	1851	1550	1715
30000	30	DIDW	1000	8.84	15	72.8	62	559	1266	1266	1932	1715	1900
	40	DIDW	1000	8.84	15	78	63	598	1266	1266	1932	1715	1900
	50	DIDW	1000	8.84	15	80.9	63	634	1266	1266	1932	1715	1900
	60	DIDW	1000	8.84	20	82.6	64	668	1266	1266	1932	1715	1900
	70	DIDW	1000	8.84	20	83.5	65	700	1266	1266	1932	1715	1900
	80	DIDW	1000	8.84	25	84	66	732	1266	1266	1932	1715	1900
32000	30	DIDW	1000	9.43	15	70.3	64	581	1266	1266	1932	1715	2000
	40	DIDW	1000	9.43	15	75.8	64	619	1266	1266	1932	1715	2000
	50	DIDW	1000	9.43	20	79.3	65	654	1266	1266	1932	1715	2000
	60	DIDW	1000	9.43	20	81.5	65	686	1266	1266	1932	1715	2000
	70	DIDW	1000	9.43	25	82.8	66	717	1266	1266	1932	1715	2000
	80	DIDW	1000	9.43	25	83.6	67	748	1266	1266	1932	1715	2000
35000	30	DIDW	1120	8.17	15	75.5	61	480	1422	1422	2178	1870	2235
	40	DIDW	1120	8.17	15	79.9	61	516	1422	1422	2178	1870	2235
	50	DIDW	1120	8.17	20	82.2	63	548	1422	1422	2178	1870	2235
	60	DIDW	1120	8.17	20	83.4	64	580	1422	1422	2178	1870	2235
	70	DIDW	1120	8.17	25	84	65	610	1422	1422	2178	1870	2235
	80	DIDW	1120	8.17	30	84.1	66	639	1422	1422	2178	1870	2235
40000	30	DIDW	1120	9.34	15	70.3	64	517	1422	1422	2178	1870	2235
	40	DIDW	1120	9.34	20	75.8	64	551	1422	1422	2178	1870	2235
	50	DIDW	1120	9.34	20	79.3	65	583	1422	1422	2178	1870	2235
	60	DIDW	1120	9.34	25	81.5	66	612	1422	1422	2178	1870	2235
	70	DIDW	1120	9.34	30	82.8	67	640	1422	1422	2178	1870	2235
	80	DIDW	1120	9.34	30	83.5	67	667	1422	1422	2178	1870	2235

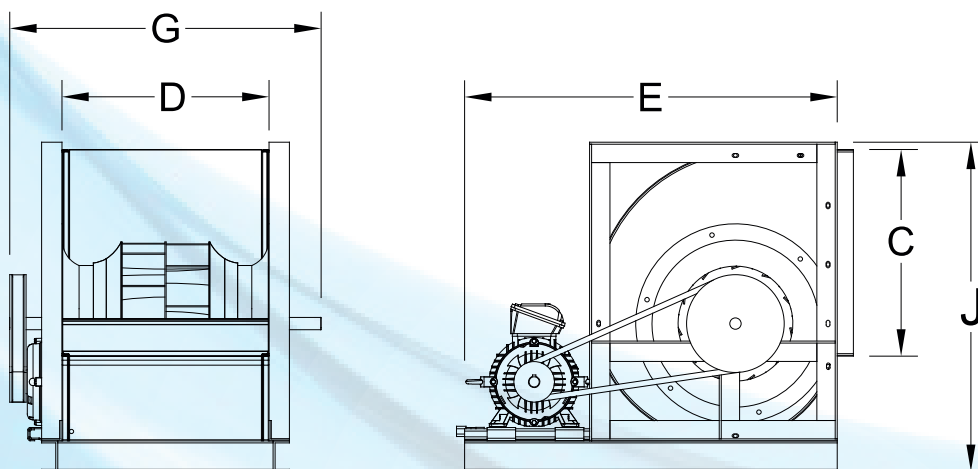
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CENTRIFUGAL FAN (AEROFOIL BACKWARD CURVED)-DIDW

AIR VOLUME (CFM)	STATIC PRESSURE (mmwg)	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY (%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
44000	30	DIDW	1250	8.27	15	75.2	61	432	1422	1422	2178	1870	2235
	40	DIDW	1250	8.27	20	79.7	62	464	1422	1422	2178	1870	2235
	50	DIDW	1250	8.27	25	82.1	63	493	1422	1422	2178	1870	2235
	60	DIDW	1250	8.27	25	83.4	64	521	1422	1422	2178	1870	2235
	70	DIDW	1250	8.27	30	83.9	65	548	1422	1422	2378	1870	2235
	80	DIDW	1250	8.27	40	84.1	66	574	1422	1422	2378	1870	2235
50000	30	DIDW	1250	9.4	20	70.3	64	464	1585	1585	2380	2050	2360
	40	DIDW	1250	9.4	25	75.8	65	495	1585	1585	2380	2050	2360
	50	DIDW	1250	9.4	30	79.3	65	523	1585	1585	2380	2050	2360
	60	DIDW	1250	9.4	30	81.5	66	549	1585	1585	2580	2050	2360
	70	DIDW	1250	9.4	40	82.8	67	574	1585	1585	2580	2050	2360
	80	DIDW	1250	9.4	40	83.5	68	598	1585	1585	2580	2050	2360
55000	30	DIDW	1400	8.24	20	75.3	61	385	1775	1775	2705	2250	2662
	40	DIDW	1400	8.24	25	79.8	62	414	1775	1775	2705	2250	2662
	50	DIDW	1400	8.24	30	82.2	63	440	1775	1775	2705	2250	2662
	60	DIDW	1400	8.24	40	83.4	65	465	1775	1775	2905	2250	2662
	70	DIDW	1400	8.24	40	84	66	489	1775	1775	2905	2250	2662
	80	DIDW	1400	8.24	40	84.1	66	512	1775	1775	2905	2250	2662
60000	30	DIDW	1400	8.99	25	72	63	404	1775	1775	2705	2250	2662
	40	DIDW	1400	8.99	30	77.2	64	432	1775	1775	2705	2250	2662
	50	DIDW	1400	8.99	30	80.4	65	457	1775	1775	2705	2250	2662
	60	DIDW	1400	8.99	40	82.2	66	481	1775	1775	2705	2250	2662
	70	DIDW	1400	8.99	40	83.3	67	504	1775	1775	2905	2250	2662
	80	DIDW	1400	8.99	50	83.9	68	526	1775	1775	2905	2250	2662
65000	30	DIDW	1400	9.5	25	76	68	409	1775	1775	2905	2250	2762
	40	DIDW	1400	9.5	25	82	69	437	1775	1775	2905	2250	2762
	50	DIDW	1400	9.5	30	86	69	463	1775	1775	2905	2250	2762
	60	DIDW	1400	9.5	40	89	70	486	1775	1775	2905	2250	2762
	70	DIDW	1400	9.5	40	90	73	508	1775	1775	2905	2250	2762
	80	DIDW	1400	9.5	50	91	73	529	1775	1775	2905	2250	2762
70000	40	DIDW	1600	7.5	30	84	66	358	2025	2025	3086	2550	3150
	50	DIDW	1600	7.5	40	86	67	382	2025	2025	3086	2550	3150
	60	DIDW	1600	7.5	40	87	68	404	2025	2025	3086	2550	3150
	70	DIDW	1600	7.5	40	89	69	426	2025	2025	3086	2550	3150
	80	DIDW	1600	7.5	50	89	70	446	2025	2025	3086	2550	3150
	40	DIDW	1600	7.5	30	82	67	370	2025	2025	3086	2550	3150
75000	50	DIDW	1600	7.5	40	85	68	393	2025	2025	3086	2550	3150
	60	DIDW	1600	7.5	40	86	69	415	2025	2025	3086	2550	3150
	70	DIDW	1600	7.5	50	87	70	435	2025	2025	3086	2550	3150
	80	DIDW	1600	7.5	50	89	71	455	2025	2025	3086	2550	3150

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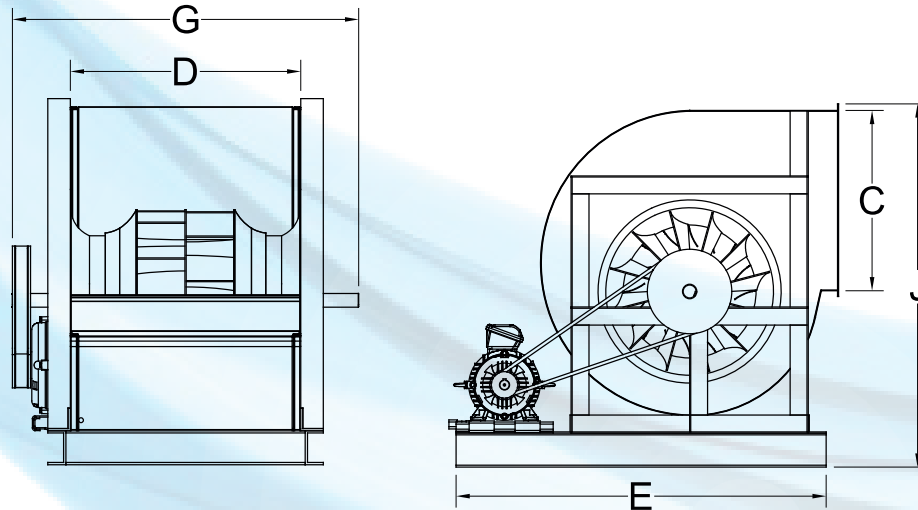


CENTRIFUGAL FAN (AEROFOIL BACKWARD CURVED)-DIDW

AIR VOLUME (CFM)	STATIC PRESSURE (mmwg)	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY (%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
80000	40	DIDW	1600	9.2	40	80	69	382	2025	2025	3086	2550	3150
	50	DIDW	1600	9.2	40	84	70	405	2025	2025	3086	2550	3150
	60	DIDW	1600	9.2	50	86	70	426	2025	2025	3086	2550	3150
	70	DIDW	1600	9.2	50	87	71	446	2025	2025	3086	2550	3150
	80	DIDW	1600	9.2	60	87	72	465	2025	2025	3086	2550	3150
85000	40	DIDW	1800	7.7	40	85	65	313	2278	2278	3400	2890	3510
	50	DIDW	1800	7.7	40	87	67	335	2278	2278	3400	2890	3510
	60	DIDW	1800	7.7	50	89	68	355	2278	2278	3400	2890	3510
	70	DIDW	1800	7.7	50	89	69	374	2278	2278	3400	2890	3510
	80	DIDW	1800	7.7	60	89	70	393	2278	2278	3400	2890	3510
90000	40	DIDW	1800	8.2	40	84	66	321	2278	2278	3400	2890	3510
	50	DIDW	1800	8.2	40	86	68	342	2278	2278	3400	2890	3510
	60	DIDW	1800	8.2	50	87	69	362	2278	2278	3400	2890	3510
	70	DIDW	1800	8.2	60	89	69	381	2278	2278	3400	2890	3510
	80	DIDW	1800	8.2	60	89	70	399	2278	2278	3400	2890	3510
95000	40	DIDW	1800	8.2	40	84	66	321	2278	2278	3400	2890	3510
	50	DIDW	1800	8.2	40	86	68	342	2278	2278	3400	2890	3510
	60	DIDW	1800	8.2	50	87	69	362	2278	2278	3400	2890	3510
	70	DIDW	1800	8.2	60	89	69	381	2278	2278	3400	2890	3510
	80	DIDW	1800	8.2	60	89	70	399	2278	2278	3400	2890	3510
100000	40	DIDW	1800	9.1	40	81	68	338	2278	2278	3400	2890	3510
	50	DIDW	1800	9.1	50	84	69	358	2278	2278	3400	2890	3510
	60	DIDW	1800	9.1	60	86	70	377	2278	2278	3400	2890	3510
	70	DIDW	1800	9.1	60	87	71	395	2278	2278	3400	2890	3510
	80	DIDW	1800	9.1	75	87	72	412	2278	2278	3400	2890	3510
110000	40	DIDW	2000	8.11	50	84	67	288	2530	2530	3842	3230	3915
	50	DIDW	2000	8.11	50	86	68	307	2530	2530	3842	3230	3915
	60	DIDW	2000	8.11	60	87	69	325	2530	2530	3842	3230	3915
	70	DIDW	2000	8.11	75	89	70	342	2530	2530	3842	3230	3915
	80	DIDW	2000	8.11	75	89	71	358	2530	2530	3842	3230	3915
120000	40	DIDW	2000	8.8	50	82	68	300	2530	2530	3842	3230	3915
	50	DIDW	2000	8.8	60	84	66	319	2530	2530	3842	3230	3915
	60	DIDW	2000	8.8	75	86	70	336	2530	2530	3842	3230	3915
	70	DIDW	2000	8.8	75	87	71	352	2530	2530	3842	3230	3915
	80	DIDW	2000	8.8	100	89	72	368	2530	2530	3842	3230	3915

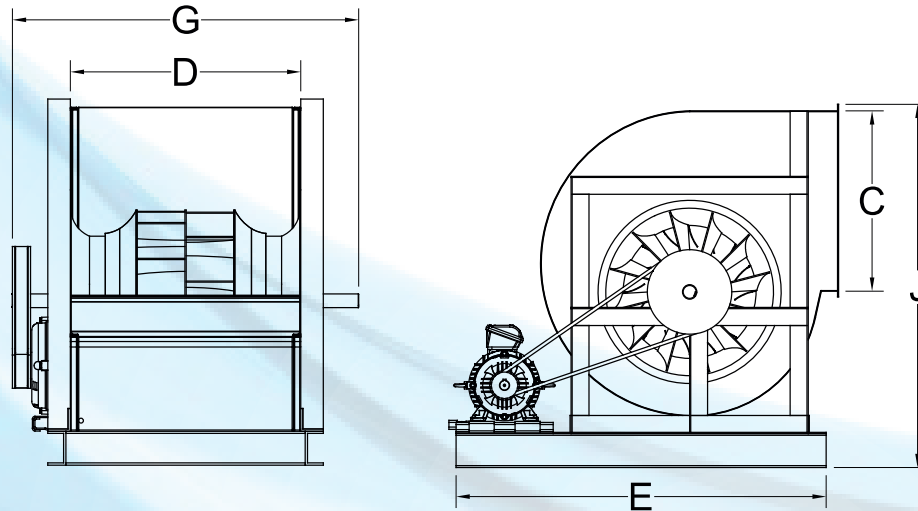
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DIMENSIONS TABLE OF LIMIT LOAD (DIDW) SERIES



CENTRIFUGAL FAN (LIMIT LOAD BACKWARD CURVED FAN)-DIDW WITH GUIDE VANES AT INLET													
AIR VOLUME (CFM)	STATIC PRESSURE (mmwg)	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY (%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
1000	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	40	DIDW	180	7.26	0.5	83.1	54	2724	228	228	570	395	760
	50	DIDW	180	7.26	0.75	84.3	55	2922	228	228	570	395	760
	60	DIDW	180	7.26	0.75	84.5	55	3113	228	228	570	395	760
	70	DIDW	180	7.26	0.75	84.0	55	3298	228	228	570	395	760
	80	DIDW	180	7.26	1	83.2	56	3481	228	228	570	395	760
2000	30	DIDW	250	8.99	1	72.3	57	2264	322	322	666	530	833
	40	DIDW	250	8.99	1	77.1	58	2431	322	322	666	530	833
	50	DIDW	250	8.99	1.5	80.1	60	2581	322	322	666	530	833
	60	DIDW	250	8.99	1.5	82.0	61	2717	322	322	666	530	833
	70	DIDW	250	8.99	1.5	83.1	61	2846	322	322	666	530	833
	80	DIDW	250	8.99	2	83.8	62	2969	322	322	666	530	833
3000	30	DIDW	315	8.69	1.5	74.8	56	1744	404	404	751	625	930
	40	DIDW	315	8.69	1.5	79.2	57	1879	404	404	751	625	930
	50	DIDW	315	8.69	2	81.7	58	1998	404	404	751	625	930
	60	DIDW	315	8.69	2	83.1	59	2107	404	404	751	625	930
	70	DIDW	315	8.69	2	83.9	60	2212	404	404	751	625	930
	80	DIDW	315	8.69	3	84.4	61	2313	404	404	751	625	930
4000	30	DIDW	355	9.26	1.5	73.3	58	1587	452	452	810	710	930
	40	DIDW	355	9.26	2	78.1	59	1706	452	452	810	710	930
	50	DIDW	355	9.26	3	80.9	60	1811	452	452	810	710	930
	60	DIDW	355	9.26	3	82.6	60	1907	452	452	810	710	930
	70	DIDW	355	9.26	3	83.6	61	1998	452	452	847	710	930
	80	DIDW	355	9.26	5	84.3	62	2085	452	452	847	710	930
5000	30	DIDW	400	9.22	2	74.2	58	1397	507	507	916	765	1036
	40	DIDW	400	9.22	3	78.7	59	1503	507	507	916	765	1036
	50	DIDW	400	9.22	3	81.4	60	1596	507	507	916	765	1036
	60	DIDW	400	9.22	3	83.0	60	1682	507	507	916	765	1036
	70	DIDW	400	9.22	5	83.9	61	1763	507	507	916	765	1036
	80	DIDW	400	9.22	5	84.5	62	1841	507	507	916	765	1036

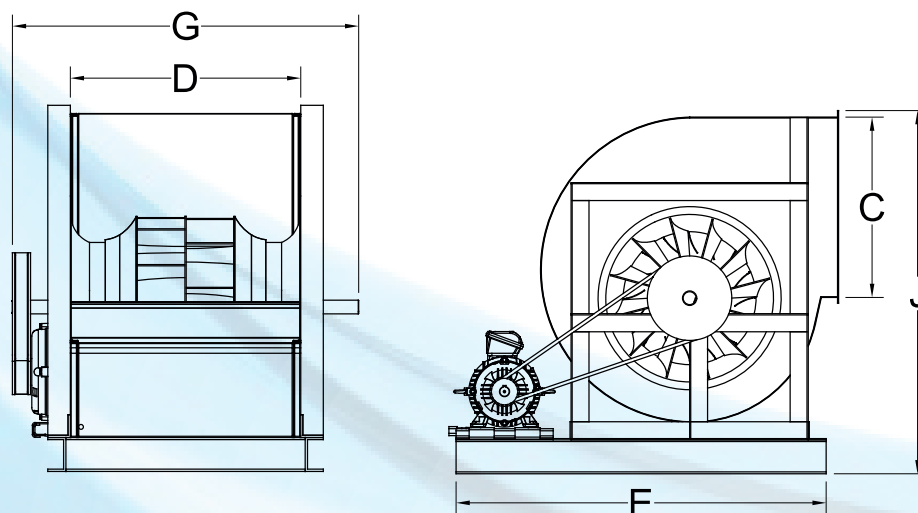
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CENTRIFUGAL FAN (LIMIT LOAD BACKWARD CURVED FAN)-DIDW WITH GUIDE VANES AT INLET

AIR VOLUME (CFM)	STATIC PRESSURE (mmwg)	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY (%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
6000	30	DIDW	450	8.77	3	76.0	57	1209	568	568	992	885	1168
	40	DIDW	450	8.77	3	80.1	59	1303	568	568	992	885	1168
	50	DIDW	450	8.77	5	82.4	60	1386	568	568	992	885	1168
	60	DIDW	450	8.77	5	83.7	61	1464	568	568	992	885	1168
	70	DIDW	450	8.77	5	84.5	61	1538	568	568	992	885	1168
	80	DIDW	450	8.77	5	84.8	61	1609	568	568	1025	885	1168
8000	30	DIDW	500	9.4	3	73.2	59	1132	634	634	758	950	1168
	40	DIDW	500	9.4	5	78.0	60	1216	634	634	758	950	1168
	50	DIDW	500	9.4	5	80.9	62	1290	634	634	758	950	1168
	60	DIDW	500	9.4	5	82.5	63	1359	634	634	758	950	1168
	70	DIDW	500	9.4	7.5	83.6	63	1423	634	634	758	950	1168
	80	DIDW	500	9.4	7.5	84.3	64	1484	634	634	758	950	1168
9000	30	DIDW	560	8.43	5	76.9	57	956	710	710	1190	1065	1168
	40	DIDW	560	8.43	5	80.8	58	1032	710	710	1190	1065	1168
	50	DIDW	560	8.33	5	82.8	59	1099	710	710	1190	1065	1168
	60	DIDW	560	8.43	7.5	83.9	60	1162	710	710	1190	1065	1168
	70	DIDW	560	8.43	7.5	84.6	61	1223	710	710	1190	1065	1168
	80	DIDW	560	8.43	7.5	84.6	62	1282	710	710	1190	1065	1168
10000	30	DIDW	560	9.37	5	73.3	59	1009	710	710	1190	1065	1290
	40	DIDW	560	9.37	5	78.1	60	1084	710	710	1190	1065	1290
	50	DIDW	560	9.37	7.5	80.9	61	1150	710	710	1190	1065	1290
	60	DIDW	560	9.37	7.5	82.6	62	1211	710	710	1190	1065	1290
	70	DIDW	560	9.37	7.5	83.6	63	1269	710	710	1190	1065	1290
	80	DIDW	560	9.37	10	84.3	64	1324	710	710	1190	1065	1290
12000	30	DIDW	630	8.85	5	75.1	58	872	800	800	1310	1160	1290
	40	DIDW	630	8.85	7.5	79.5	59	939	800	800	1310	1160	1290
	50	DIDW	630	8.85	7.5	81.9	60	999	800	800	1310	1160	1290
	60	DIDW	630	8.85	7.5	83.3	61	1054	800	800	1310	1160	1290
	70	DIDW	630	8.85	10	84.2	62	1106	800	800	1310	1160	1290
	80	DIDW	630	8.85	10	84.6	63	1156	800	800	1460	1160	1290
14000	30	DIDW	710	8.2	5	78.0	57	742	898	898	1418	1265	1461
	40	DIDW	710	8.2	7.5	81.6	58	802	898	898	1418	1265	1461
	50	DIDW	710	8.2	7.5	83.3	59	856	898	898	1418	1265	1461
	60	DIDW	710	8.2	10	84.4	60	906	898	898	1418	1265	1461
	70	DIDW	710	8.2	10	84.7	60	954	898	898	1568	1265	1461
	80	DIDW	710	8.2	15	84.6	61	1002	898	898	1568	1265	1461

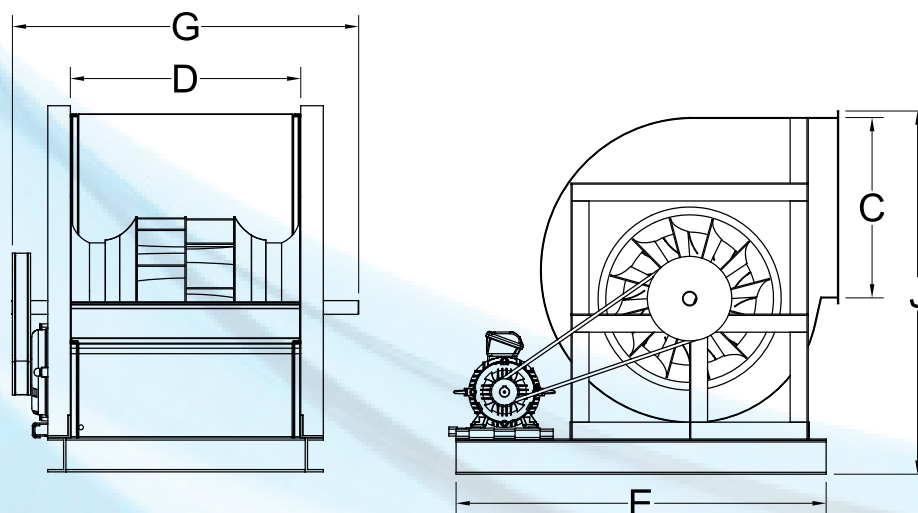
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CENTRIFUGAL FAN (DIDW LIMIT LOAD FAN) WITH GUIDE VANES AT INLET

AIR VOLUME (CFM)	STATIC PRESSURE (mmwg)	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY (%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
27000	30	DIDW	900	9.95	15	69	64	661	1132	1132	1851	1550	1715
	40	DIDW	900	9.95	15	74.6	65	703	1132	1132	1851	1550	1715
	50	DIDW	900	9.95	15	78.4	65	741	1132	1132	1851	1550	1715
	60	DIDW	900	9.95	20	80.8	66	777	1132	1132	1851	1550	1715
	70	DIDW	900	9.95	20	82.3	67	811	1132	1132	1851	1550	1715
	80	DIDW	900	9.95	20	83.3	68	844	1132	1132	1851	1550	1715
30000	30	DIDW	1000	8.84	15	72.8	62	559	1266	1266	1932	1715	1900
	40	DIDW	1000	8.84	15	78	63	598	1266	1266	1932	1715	1900
	50	DIDW	1000	8.84	15	80.9	63	634	1266	1266	1932	1715	1900
	60	DIDW	1000	8.84	20	82.6	64	668	1266	1266	1932	1715	1900
	70	DIDW	1000	8.84	20	83.5	65	700	1266	1266	1932	1715	1900
	80	DIDW	1000	8.84	25	84	66	732	1266	1266	1932	1715	1900
32000	30	DIDW	1000	9.43	15	70.3	64	581	1266	1266	1932	1715	2000
	40	DIDW	1000	9.43	15	75.8	64	619	1266	1266	1932	1715	2000
	50	DIDW	1000	9.43	20	79.3	65	654	1266	1266	1932	1715	2000
	60	DIDW	1000	9.43	20	81.5	65	686	1266	1266	1932	1715	2000
	70	DIDW	1000	9.43	25	82.8	66	717	1266	1266	1932	1715	2000
	80	DIDW	1000	9.43	25	83.6	67	748	1266	1266	1932	1715	2000
35000	30	DIDW	1120	8.17	15	75.5	61	480	1422	1422	2178	1870	2235
	40	DIDW	1120	8.17	15	79.9	61	516	1422	1422	2178	1870	2235
	50	DIDW	1120	8.17	20	82.2	63	548	1422	1422	2178	1870	2235
	60	DIDW	1120	8.17	20	83.4	64	580	1422	1422	2178	1870	2235
	70	DIDW	1120	8.17	25	84	65	610	1422	1422	2178	1870	2235
	80	DIDW	1120	8.17	30	84.1	66	639	1422	1422	2178	1870	2235
40000	30	DIDW	1120	9.34	15	70.3	64	517	1422	1422	2178	1870	2235
	40	DIDW	1120	9.34	20	75.8	64	551	1422	1422	2178	1870	2235
	50	DIDW	1120	9.34	20	79.3	65	583	1422	1422	2178	1870	2235
	60	DIDW	1120	9.34	25	81.5	66	612	1422	1422	2178	1870	2235
	70	DIDW	1120	9.34	30	82.8	67	640	1422	1422	2178	1870	2235
	80	DIDW	1120	9.34	30	83.5	67	667	1422	1422	2378	1870	2235
44000	30	DIDW	1250	8.27	15	75.2	61	432	1422	1422	2178	1870	2235
	40	DIDW	1250	8.27	20	79.7	62	464	1422	1422	2178	1870	2235
	50	DIDW	1250	8.27	25	82.1	63	493	1422	1422	2178	1870	2235
	60	DIDW	1250	8.27	25	83.4	64	521	1422	1422	2178	1870	2235
	70	DIDW	1250	8.27	30	83.9	65	548	1422	1422	2378	1870	2235
	80	DIDW	1250	8.27	40	84.1	66	574	1422	1422	2378	1870	2235

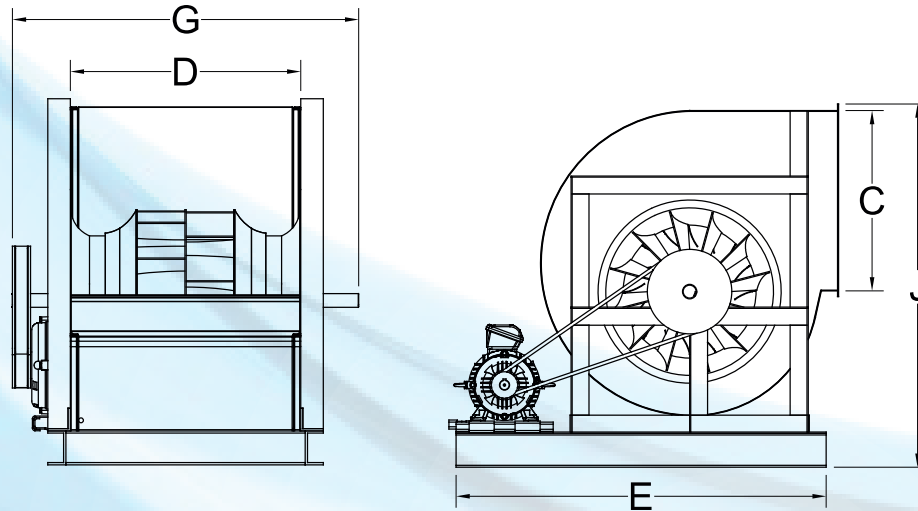
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CENTRIFUGAL FAN (DIDW LIMIT LOAD FAN) WITH GUIDE VANES AT INLET

AIR VOLUME (CFM)	STATIC PRESSURE (mmwg)	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY (%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
50000	30	DIDW	1250	9.4	20	72.4	64	464	1585	1585	2380	2050	1951
	40	DIDW	1250	9.4	25	78.1	65	495	1585	1585	2380	2050	1951
	50	DIDW	1250	9.4	30	81.7	65	523	1585	1585	2380	2050	1951
	60	DIDW	1250	9.4	30	83.9	66	549	1585	1585	2580	2050	1951
	70	DIDW	1250	9.4	40	85.3	67	574	1585	1585	2580	2050	1951
	80	DIDW	1250	9.4	40	86.0	68	598	1585	1585	2580	2050	1951
55000	30	DIDW	1400	8.24	20	77.6	61	385	1775	1775	2705	2250	2222
	40	DIDW	1400	8.24	25	82.2	62	414	1775	1775	2705	2250	2222
	50	DIDW	1400	8.24	30	84.7	63	440	1775	1775	2705	2250	2222
	60	DIDW	1400	8.24	40	85.9	65	465	1775	1775	2905	2250	2222
	70	DIDW	1400	8.24	40	86.5	66	489	1775	1775	2905	2250	2222
	80	DIDW	1400	8.24	40	86.6	66	512	1775	1775	2905	2250	2222
60000	30	DIDW	1400	8.99	25	74.2	63	404	1775	1775	2705	2250	2222
	40	DIDW	1400	8.99	30	79.5	64	432	1775	1775	2705	2250	2222
	50	DIDW	1400	8.99	30	82.8	65	457	1775	1775	2705	2250	2222
	60	DIDW	1400	8.99	40	84.7	66	481	1775	1775	2705	2250	2222
	70	DIDW	1400	8.99	40	85.8	67	504	1775	1775	2905	2250	2222
	80	DIDW	1400	8.99	50	86.4	68	526	1775	1775	2905	2250	2222
65000	30	DIDW	1400	9.5	25	77.9	68	409	1775	1775	2905	2250	2222
	40	DIDW	1400	9.5	25	84.5	69	437	1775	1775	2905	2250	2222
	50	DIDW	1400	9.5	30	89.0	69	463	1775	1775	2905	2250	2222
	60	DIDW	1400	9.5	40	91.2	70	486	1775	1775	2905	2250	2222
	70	DIDW	1400	9.5	40	92.3	73	508	1775	1775	2905	2250	2222
	80	DIDW	1400	9.5	50	93.4	73	529	1775	1775	2905	2250	2222
70000	40	DIDW	1600	7.5	30	86.8	66	358	2025	2025	3086	2550	3050
	50	DIDW	1600	7.5	40	89.0	67	382	2025	2025	3086	2550	3050
	60	DIDW	1600	7.5	40	90.1	68	404	2025	2025	3086	2550	3050
	70	DIDW	1600	7.5	40	91.2	69	426	2025	2025	3086	2550	3050
	80	DIDW	1600	7.5	50	91.2	70	446	2025	2025	3086	2550	3050
	40	DIDW	1600	8.6	30	84.5	67	370	2025	2025	3086	2550	3050
75000	50	DIDW	1600	7.5	40	87.9	68	393	2025	2025	3086	2550	3050
	60	DIDW	1600	7.5	40	89.0	69	415	2025	2025	3086	2550	3050
	70	DIDW	1600	7.5	50	90.1	70	435	2025	2025	3086	2550	3050
	80	DIDW	1600	7.5	50	91.2	71	455	2025	2025	3086	2550	3050
	40	DIDW	1600	9.2	40	82.3	69	382	2025	2025	3086	2550	3050
	50	DIDW	1600	9.2	40	86.8	70	405	2025	2025	3086	2550	3050
80000	60	DIDW	1600	9.2	50	89.0	70	426	2025	2025	3086	2550	3050
	70	DIDW	1600	9.2	50	90.1	71	446	2025	2025	3086	2550	3050
	80	DIDW	1600	9.2	60	90.1	72	465	2025	2025	3086	2550	3050
	40	DIDW	1800	7.7	40	87.9	65	313	2278	2278	3400	2890	3410
	50	DIDW	1800	7.7	40	90.1	67	335	2278	2278	3400	2890	3410
	60	DIDW	1800	7.7	50	91.2	68	355	2278	2278	3400	2890	3410
85000	70	DIDW	1800	7.7	50	91.2	69	374	2278	2278	3400	2890	3410
	80	DIDW	1800	7.7	60	91.2	70	393	2278	2278	3400	2890	3410
	40	DIDW	1800	8.2	40	86.8	66	321	2278	2278	3400	2890	3410
	50	DIDW	1800	8.2	40	89.0	68	342	2278	2278	3400	2890	3410
	60	DIDW	1800	8.2	50	90.1	69	362	2278	2278	3400	2890	3410
	70	DIDW	1800	8.2	60	91.2	69	381	2278	2278	3400	2890	3410
90000	80	DIDW	1800	8.2	60	91.2	70	399	2278	2278	3400	2890	3410

NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE



CENTRIFUGAL FAN (DIDW LIMIT LOAD FAN) WITH GUIDE VANES AT INLET

AIR VOLUME	STATIC PRESSURE	FAN TYPE	FAN DIA (mm)	Outlet Vel. (m/s)	MOTOR (HP)	TOTAL EFFICIENCY (%)	DB AT 3mtr	RPM	C (mm)	D (mm)	E (mm)	G (mm)	J (mm)
95000	40	DIDW	1800	8.2	40	86.8	66	321	2278	2278	3400	2890	3410
	50	DIDW	1800	8.2	40	89.0	68	342	2278	2278	3400	2890	3410
	60	DIDW	1800	8.2	50	90.1	69	362	2278	2278	3400	2890	3410
	70	DIDW	1800	8.2	60	91.2	69	381	2278	2278	3400	2890	3410
	80	DIDW	1800	8.2	60	91.2	70	399	2278	2278	3400	2890	3410
100000	40	DIDW	1800	9.1	40	83.4	68	338	2278	2278	3400	2890	3410
	50	DIDW	1800	9.1	50	86.8	69	358	2278	2278	3400	2890	3410
	60	DIDW	1800	9.1	60	89.0	70	377	2278	2278	3400	2890	3410
	70	DIDW	1800	9.1	60	90.1	71	395	2278	2278	3400	2890	3410
	80	DIDW	1800	9.1	75	90.1	72	412	2278	2278	3400	2890	3410
110000	40	DIDW	2000	8.11	50	86.8	67	288	2530	2530	3842	3230	3815
	50	DIDW	2000	8.11	50	89.0	68	307	2530	2530	3842	3230	3815
	60	DIDW	2000	8.11	60	90.1	69	325	2530	2530	3842	3230	3815
	70	DIDW	2000	8.11	75	91.2	70	342	2530	2530	3842	3230	3815
	80	DIDW	2000	8.11	75	91.2	71	358	2530	2530	3842	3230	3815
120000	40	DIDW	2000	8.8	50	84.5	68	300	2530	2530	3842	3230	3815
	50	DIDW	2000	8.8	60	86.8	66	319	2530	2530	3842	3230	3815
	60	DIDW	2000	8.8	75	89.0	70	336	2530	2530	3842	3230	3815
	70	DIDW	2000	8.8	75	90.1	71	352	2530	2530	3842	3230	3815
	80	DIDW	2000	8.8	100	91.2	72	368	2530	2530	3842	3230	3815

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The intention of this brochure is to introduce you to, and acquaint you with the capabilities of the HUMIDIN organization in the offered product areas. It will not answer all your immediate questions, and indeed, it will no doubt raise others. We welcome your interest in our products and shall be very pleased to provide further information.

GUARANTEES

HUMIDIN guarantees its products to be free of defects in materials and workmanship for a period of one year from the date of delivery from the factory, provided motors are properly installed with overload protector. Humidin agrees to repair or replace defective parts or part to be returned to the factory, all transportation charges prepaid. Humidin does not guarantee against abrasion, corrosion or erosion. Humidin shall not be held responsible for any charges in connection with the removal or replacement of alleged defective equipment nor for incidental consequential damages

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