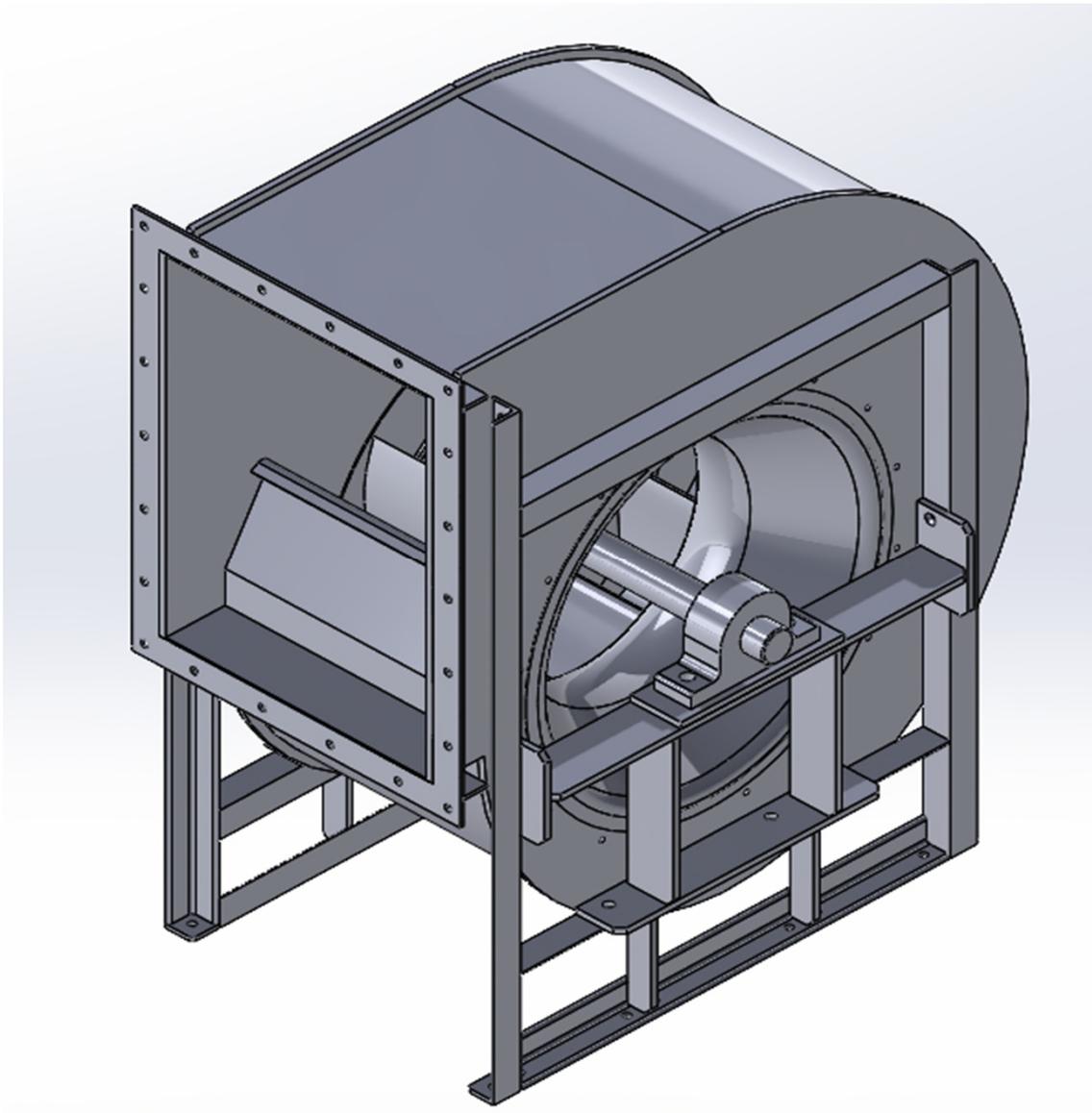


Kiturami Bumyang DESIGN 51 SW Series

Single Width Airfoil Centrifugal Fan



Kiturami Bumyang DESIGN 51 SW Series

Single Width Airfoil Centrifugal Fan

◆ I N D E X ◆

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Design 51 SW Series Centrifugal Airfoil Fan

Design 51 SW Series는 실용적이고 경제적인 디자인으로 설계되어 각종 공조 시스템에 적합한 모델 선정이 가능합니다. 공기 유동에 최적화된 유선형의 인렛콘, 휠콘은 각종 공조 시스템에서 우수한 성능을 보이며, 사용자가 요구하는 토출 방향과 구동 방식 채택이 가능하도록 맞춤형 설계가 가능합니다.

Design 51 SW Series의 블레이드 형상은 리미트 로드 특성을 가지므로, 모터의 과부하를 방지하는 특성이 있습니다. 또한, 안전망, 점검문, 방진기, 가변 인렛 베인, 벨트 커버 등 고객이 원하는 다양한 액세서리를 적용해 납품할 수도 있습니다. 더욱이 고객이 원하는 도장 색상이나 특수 도료를 적용할 수 있습니다.

Design 51 SW Series는 전반적인 HVAC 설비와 더불어 대부분의 산업용, 배기 System에 매우 적절하고, 사용자의 요구 조건에 맞춰 제품을 선정할 수 있도록 넓은 사용범위를 가지고 있습니다.

Design 51 SW Series의 기본 구동 방식은 Arrgt-3으로, 사용자가 요구하는 구동 방식에 따라 직결 구동 및 벨트 구동 방식 적용이 가능하며, 크기에 따른 #200 ~ #600 사이즈 및 회전수에 따른 Class 1, 2, 3으로 구분되어 있습니다.

AMCA Certified Products



(주)기투라미 범양냉방의 Design 51 SW Series 송풍기는 AMCA Seal을 사용하도록 라이선스 되었음을 인증 합니다.

본 카탈로그의 성능 평가는 AMCA 211 규격과 동일한 성능 시험 및 절차에 의거하였으며, AMCA 인증 평가 프로그램의 요구사항을 준수합니다.

Kiturami Bumyang Air Conditioning Co., Ltd. certifies that the Design 51 SW Series fans shown herein are licensed to bear the AMCA Seal.

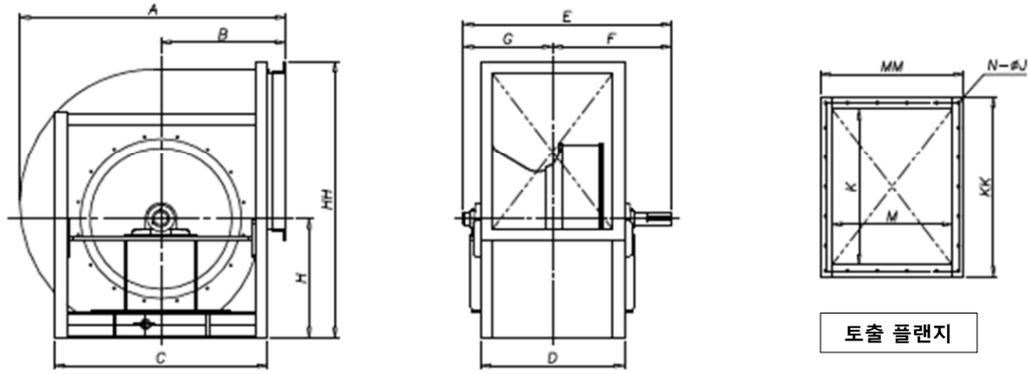
The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



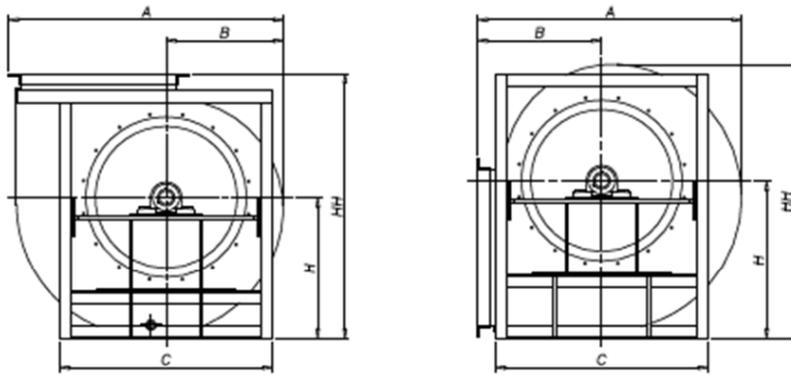
□ AMCA의 권위

- 1) AMCA 인증 프로그램에 합격하면 그 제품은 AMCA가 보증하는 인증품으로, AMCA SEAL을 부착하여 관리 및 판매할 수 있습니다.
- 2) AMCA 규격은 ASHRAE(미국냉난방공조협회) & ANSI & ISO 규격과 동등한 지위를 가지며, AMCA 에서 제정한 표준 규격은 다음 규격에서 동일한 내용으로 제정 됩니다.

* ANSI/AMCA STD. 210 → ASHRAE STD. 51 → ISO 5167



TH / CW



UB / CW

BH / CW

No.	규격	치수 (mm)																						
		A			B			C	D	E	F	G	J	K	KK	M	MM	N	H			HH		
		TH	UB	BH	TH	UB	BH												TH	UB	BH	TH	UB	BH
1	D51SW 200	888	896	888	417	394	417	714	605	698	399	299	10	525	605	403.2	483.2	22	401	477	533	931	874	931
2	D51SW 222	967	986	967	448	435	448	768	654.6	736	418	318	12	574.6	654.6	441.3	521.3	24	438	522	580	1017	970	1016
3	D51SW 245	1062	1093	1062	487	482	487	851	720.8	801	451	351	12	640.8	720.8	492.1	572.1	24	485	577	640	1124	1064	1123
4	D51SW 270	1158	1200	1158	527	529	527	930	784.8	850	475	375	12	704.8	784.8	541.3	621.3	28	533	644	700	1232	1171	1230
5	D51SW 300	1259	1319	1259	565	580	565	1003	877.2	932	526	406	12	777.2	857.2	596.9	676.9	30	594	708	779	1361	1273	1362
6	D51SW 330	1380	1466	1380	609	646	609	1083	964.1	999	558	442	12	864.1	944.1	663.6	743.6	34	657	783	859	1505	1392	1505
7	D51SW 365	1493	1609	1493	647	708	647	1168	1051	1065	591	475	12	950.9	1031	730.3	810.3	36	721	857	940	1650	1504	1649
8	D51SW 402	1645	1774	1645	711	780	711	1302	1200	1212	676	536	12	1050	1150	806.5	906.5	42	794	946	1058	1826	1657	1839
5	D51SW 445	1807	1951	1807	780	858	780	1403	1308	1294	717	577	14	1158	1258	889	989	44	872	1040	1157	2003	1820	2015
6	D51SW 490	1984	2155	1984	850	947	850	1549	1430	1402	771	631	14	1280	1380	982.7	1083	48	959	1146	1272	2205	1996	2219
7	D51SW 542	2182	2373	2182	933	1043	933	1708	1560	1502	821	681	14	1410	1510	1083	1183	52	1057	1262	1394	2437	2195	2438
8	D51SW 600	2408	2622	2408	1028	1152	1028	1885	1711	1654	907	747	14	1561	1661	1199	1299	58	1172	1394	1534	2680	2422	2687

* Note

- 구조물로 사용하지 마십시오.
- Do not use it as a structure.
- 상기 치수는 제품 개선으로 사전 예고 없이 변경될 수 있으므로 승인 후 적용 바랍니다.
- The above dimensions may be changed without prior notice due to product improvement, so please apply them after approval.
- 상기 내역 외 출력 적용은 제조사 승인 후 적용 바랍니다.
- Please apply the output that is not detailed above after approval from the manufacturer.

D51SW 200 SIZE

OUTLET AREA 0.2117 m²

STATIC PRESS.	6 mmAq		13 mmAq		25 mmAq		38 mmAq		51 mmAq		64 mmAq		76 mmAq		88 mmAq		102 mmAq		113 mmAq		
	RPM	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)
900	84.88	0.292	74.92	0.313	53.43	0.297															
1000	95.94	0.395	87.28	0.421	68.01	0.413															
1100	106.9	0.519	99.3	0.550	82.20	0.558	64.37	0.542													
1200	117.7	0.668	110.9	0.704	97.45	0.745	79.23	0.712	58.39	0.670											
1300	128.4	0.844	122.2	0.883	110.4	0.936	93.33	0.914	78.56	0.898											
1400	139.1	1.048	133.3	1.090	122.6	1.152	108.1	1.163	93.17	1.131	79.21	1.113									
1500	149.7	1.283	144.3	1.328	134.7	1.400	123.2	1.460	107.3	1.403	94.65	1.386	80.31	1.347							
1600	160.3	1.552	155.2	1.600	146.5	1.682	135.7	1.746	121.9	1.728	108.8	1.691	97.92	1.676	82.81	1.618					
1700	170.8	1.856	166.1	1.907	157.9	1.994	148.0	2.068	137.1	2.113	122.9	2.047	112.5	2.024	102.0	2.006	83.33	1.910			
1800	181.3	2.197	176.8	2.251	169.1	2.344	160.1	2.430	150.6	2.502	137.7	2.464	126.5	2.418	116.9	2.400	105.1	2.374	90.47	2.284	
1900	191.8	2.579	187.6	2.635	180.2	2.733	172.1	2.832	163.0	2.909	152.9	2.947	140.6	2.869	130.9	2.836	120.4	2.817	111.5	2.793	
2000	202.3	3.002	198.3	3.062	191.3	3.165	183.8	3.276	175.2	3.358	166.6	3.439	156.0	3.402	145.1	3.335	134.6	3.301	126.8	3.285	
2100	212.8	3.470	208.9	3.533	202.3	3.640	195.1	3.757	187.3	3.854	179.1	3.938	171.1	3.996	159.8	3.907	148.7	3.844	140.9	3.820	
2200	223.2	3.984	219.5	4.050	213.2	4.163	206.3	4.285	199.2	4.397	191.4	4.485	184.1	4.567	175.1	4.559	162.8	4.453	155.0	4.416	
2300	233.6	4.547	230.1	4.615	224.1	4.734	217.5	4.861	211.0	4.989	203.5	5.083	196.6	5.169	189.7	5.254	178.1	5.162	169.1	5.083	
2400	244.0	5.160	240.7	5.232	234.9	5.355	228.6	5.489	222.3	5.622	215.5	5.733	208.9	5.822	202.2	5.911	193.3	5.941	184.3	5.848	
2500	254.5	5.827	251.2	5.902	245.6	6.030	239.6	6.169	233.6	6.308	227.3	6.438	221.0	6.531	214.6	6.624	207.2	6.732	199.5	6.695	
2600	264.8	6.549	261.7	6.627	256.4	6.761	250.6	6.905	244.8	7.050	239.0	7.194	233.0	7.296	226.9	7.393	219.7	7.506	214.1	7.594	
2700	275.2	7.329	272.2	7.410	267.1	7.548	261.5	7.699	255.9	7.849	250.3	7.999	244.9	8.121	239.0	8.221	232.1	8.338	226.7	8.430	
2800	285.6	8.168	282.7	8.252	277.8	8.396	272.4	8.552	267.0	8.708	261.6	8.863	256.6	9.007	251.0	9.111	244.3	9.233	239.1	9.328	
2900	296.0	9.070	293.2	9.157	288.4	9.306	283.2	9.467	278.0	9.628	272.8	9.789	268.0	9.938	262.9	10.07	256.5	10.19	251.4	10.29	
3000	306.4	10.04	303.7	10.13	299.0	10.28	294.0	10.45	289.0	10.61	284.0	10.78	279.3	10.93	274.6	11.09	268.5	11.22	263.6	11.32	
3100	316.7	11.07	314.1	11.16	309.6	11.32	304.8	11.49	299.9	11.66	295.0	11.84	290.6	12.00	286.1	12.15	280.4	12.31	275.7	12.41	
3200	327.1	12.17	324.5	12.26	320.2	12.43	315.5	12.61	310.8	12.78	306.1	12.96	301.7	13.13	297.4	13.29	292.2	13.47	287.6	13.58	
3300	337.4	13.34	335.0	13.44	330.8	13.61	326.2	13.79	321.6	13.97	317.1	14.16	312.9	14.33	308.6	14.50	303.7	14.69	299.5	14.82	
3400	347.8	14.58	345.4	14.69	341.3	14.86	336.9	15.05	332.5	15.24	328.0	15.43	323.9	15.60	319.8	15.78	315.1	15.98	311.3	16.14	
3500	358.1	15.90	355.8	16.01	351.8	16.19	347.5	16.38	343.2	16.58	338.9	16.77	335.0	16.95	331.0	17.13	326.3	17.34	322.7	17.51	
3600	368.4	17.30	366.2	17.41	362.4	17.59	358.2	17.79	354.0	17.99	349.8	18.19	345.9	18.38	342.1	18.56	337.6	18.78	334.0	18.95	
3700	378.8	18.78	376.6	18.89	372.9	19.08	368.8	19.28	364.7	19.49	360.7	19.70	356.9	19.89	353.1	20.08	348.8	20.30	345.3	20.47	
3800	389.1	20.34	387.0	20.45	383.4	20.64	379.4	20.86	375.4	21.07	371.5	21.28	367.8	21.47	364.2	21.67	359.9	21.90	356.5	22.08	

STATIC PRESS.	127 mmAq		140 mmAq		152 mmAq		165 mmAq		178 mmAq		191 mmAq		203 mmAq		216 mmAq		229 mmAq		254 mmAq			
	RPM	VOLUME (m ³ /min)	BHP (kW)																			
1900	93.78	2.672																				
2000	116.0	3.253	99.79	3.126																		
2100	131.4	3.799	121.8	3.766	108.1	3.653	70.89	3.013														
2200	145.7	4.388	137.2	4.367	128.7	4.335	115.7	4.227	86.39	3.721												
2300	159.7	5.034	151.6	5.012	144.2	4.992	135.4	4.956	124.0	4.867	103.6	4.560										
2400	173.9	5.761	165.6	5.716	158.5	5.695	150.7	5.673	142.3	5.636	132.9	5.576	118.0	5.379	79.26	4.453						
2500	188.5	6.572	179.8	6.503	172.4	6.460	165.0	6.437	157.6	6.414	149.6	6.377	142.1	6.340	128.0	6.153	101.1	5.541				
2600	203.9	7.487	194.1	7.368	186.7	7.313	179.0	7.266	171.9	7.242	164.8	7.218	157.7	7.184	149.9	7.143	138.4	7.003	84.20	5.612		
2700	219.0	8.480	209.5	8.356	200.8	8.241	193.2	8.185	185.9	8.136	179.0	8.112	172.7	8.089	165.5	8.055	158.0	8.012	136.0	7.713		
2800	232.5	9.450	224.7	9.423	216.2	9.305	207.3	9.182	200.1	9.126	193.0	9.075	186.9	9.051	180.2	9.026	173.4	8.995	159.5	8.910		
2900	245.0	10.42	239.1	10.53	231.5	10.45	222.7	10.32	214.1	10.20	207.2	10.14	200.8	10.09	194.4	10.06	188.0	10.03	175.1	9.964		
3000	257.4	11.45	251.7	11.57	246.4	11.68	237.9	11.54	229.4	11.41	221.3	11.29	215.1	11.23	208.3	11.17	202.1	11.14	190.2	11.09		
3100	269.7	12.55	264.1	12.67	259.0	12.79	252.9	12.86	244.7	12.72	236.5	12.58	229.1	12.46	222.6	12.40	216.1	12.33	204.5	12.27		
3200	281.8	13.72	276.5	13.85	271.5	13.97	266.1	14.10	259.7	14.12	251.8	13.97	244.4	13.84	236.7	13.70	230.4	13.64	218.5	13.54		
3300	293.9	14.96	288.7	15.10	283.8	15.22	278.6	15.35	273.4	15.49	266.8	15.47	259.7	15.33	252.0	15.18	244.4	15.03	232.6	14.91		
3400	305.8	16.28	300.8	16.42	296.1	16.55	291.0	16.68	286.0	16.82	280.9	16.96	274.8	16.91	267.3	16.76	259.8	16.60	246.8	16.38		
3500	317.7	17.68	312.8	17.82	308.2	17.95	303.3	18.09	298.4	18.23	293.5	18.38	288.9	18.51	282.4	18.44	275.1	18.28	261.1	17.97		
3600	329.5	19.16	324.7	19.30	320.3	19.44	315.5	19.58	310.7	19.73	305.9	19.87	301.5	20.01	296.7	20.15	290.2	20.06	276.5	19.74		
3700	340.9	20.69	336.5	20.87	332.2	21.00	327.6	21.15	322.9	21.30	318.3	21.45	314.0	21.59	309.3	21.74	304.7	21.89	291.8	21.62		
3800	352.3	22.30	348.3	22.51	344.1	22.66	339.6	22.81	335.1	22.96	330.5	23.12	326.3	23.26	321.8	23.41	317.3	23.56	306.9	23.61		

- Class Grade : Class 1 / Class 2 / Class 3

- Performance certified is for installation type-B (Free inlet, Ducted outlet)

- Performance ratings do not include the effects of appurtenances (accessories)

- Power rating(kW) does not include transmission losses

D51SW 200 SIZE

OUTLET AREA 0.2117 m²

STATIC PRESS.	279 mmAq		305 mmAq		330 mmAq		356 mmAq		381 mmAq		406 mmAq		432 mmAq		457 mmAq		483 mmAq		508 mmAq		
	RPM	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)	VOLUME (m ³ /min)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)
2800	134.8	8.491																			
2900	160.5	9.834	126.7	8.993																	
3000	177.5	11.00	159.6	10.76	120.7	9.547															
3100	192.9	12.21	179.8	12.12	160.8	11.78	114.6	10.11													
3200	207.4	13.48	195.3	13.40	183.2	13.31	161.9	12.86	113.8	10.92											
3300	221.5	14.82	210.3	14.76	198.8	14.68	186.5	14.57	164.8	14.05	115.2	11.87									
3400	235.4	16.25	224.5	16.19	214.0	16.13	202.2	16.03	190.3	15.91	168.4	15.33	116.1	12.85							
3500	249.7	17.82	238.5	17.71	228.4	17.65	217.6	17.58	206.5	17.47	194.0	17.30	171.9	16.68	121.4	14.12					
3600	263.8	19.48	252.6	19.34	242.5	19.25	232.2	19.19	221.9	19.11	211.1	19.00	197.5	18.76	176.8	18.15	126.1	15.44			
3700	278.5	21.29	266.8	21.09	256.3	20.95	246.3	20.88	236.7	20.82	226.6	20.73	215.7	20.61	202.4	20.35	181.5	19.70	134.7	17.07	
3800	294.0	23.27	280.9	22.95	270.7	22.80	260.3	22.67	250.9	22.61	241.5	22.54	231.2	22.44	220.9	22.32	207.2	22.02	187.6	21.38	

- Class Grade : Class 1 / Class 2 / Class 3
- Performance certified is for installation type-B (Free inlet, Ducted outlet)
- Performance ratings do not include the effects of appurtenances (accessories)
- Power rating(kW) does not include transmission losses

D51SW 222 SIZE

OUTLET AREA 0.2536 m²

STATIC PRESS.	6 mmAq		13 mmAq		25 mmAq		38 mmAq		51 mmAq		64 mmAq		76 mmAq		88 mmAq		102 mmAq		113 mmAq		
	RPM	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)
900	113.2	0.454	102.6	0.484	79.17	0.474															
1000	127.5	0.615	118.4	0.652	97.70	0.660	76.31	0.641													
1100	141.8	0.811	133.7	0.854	117.7	0.905	95.83	0.864	71.49	0.817											
1200	155.8	1.045	148.4	1.092	134.5	1.157	114.4	1.135	96.86	1.114	58.12	0.923									
1300	169.8	1.321	163.0	1.372	150.6	1.449	134.0	1.475	115.7	1.429	99.49	1.408	56.49	1.116							
1400	183.8	1.642	177.4	1.697	166.3	1.787	152.8	1.861	134.3	1.804	119.2	1.779	105.0	1.755	61.80	1.403					
1500	197.7	2.012	191.7	2.071	181.6	2.172	169.2	2.254	154.1	2.263	137.7	2.202	125.1	2.184	111.6	2.157					
1600	211.5	2.434	205.9	2.497	196.4	2.605	185.2	2.702	173.4	2.786	156.3	2.702	143.7	2.666	132.0	2.648	116.0	2.600	82.08	2.249	
1700	225.3	2.912	220.1	2.979	211.1	3.094	200.9	3.207	189.8	3.297	176.5	3.306	162.3	3.227	150.6	3.194	137.6	3.170	126.5	3.140	
1800	239.1	3.450	234.1	3.521	225.7	3.642	216.5	3.773	206.0	3.868	195.5	3.963	181.8	3.889	169.2	3.821	156.6	3.786	146.9	3.766	
1900	252.8	4.050	248.1	4.125	240.1	4.253	231.4	4.392	221.9	4.504	212.0	4.604	201.8	4.651	188.2	4.545	175.0	4.479	165.8	4.454	
2000	266.5	4.716	262.1	4.795	254.4	4.930	246.2	5.076	237.5	5.208	228.1	5.314	219.4	5.412	208.3	5.389	193.6	5.268	184.3	5.224	
2100	280.2	5.452	276.0	5.535	268.7	5.677	260.9	5.830	253.0	5.984	244.1	6.096	235.8	6.198	227.5	6.301	213.6	6.190	202.9	6.096	
2200	293.9	6.262	289.8	6.348	282.9	6.497	275.4	6.657	267.9	6.818	259.8	6.953	251.9	7.060	244.0	7.168	233.5	7.219	222.7	7.106	
2300	307.6	7.148	303.7	7.238	297.1	7.393	289.9	7.562	282.7	7.730	275.4	7.889	267.8	8.001	260.2	8.114	251.4	8.245	242.7	8.232	
2400	321.2	8.114	317.5	8.209	311.2	8.370	304.3	8.546	297.4	8.721	290.5	8.896	283.5	9.025	276.3	9.142	267.8	9.279	261.2	9.387	
2500	334.8	9.164	331.3	9.262	325.2	9.431	318.6	9.614	312.0	9.796	305.4	9.979	299.1	10.13	292.1	10.26	284.0	10.40	277.6	10.51	
2600	348.5	10.30	345.1	10.40	339.2	10.58	332.9	10.77	326.5	10.96	320.2	11.15	314.3	11.32	307.8	11.46	300.0	11.61	293.9	11.73	
2700	362.1	11.53	358.8	11.64	353.2	11.82	347.1	12.01	341.0	12.21	334.8	12.41	329.2	12.59	323.3	12.76	315.8	12.91	309.9	13.03	
2800	375.7	12.85	372.6	12.96	367.1	13.15	361.2	13.35	355.3	13.56	349.4	13.76	344.0	13.95	338.5	14.14	331.5	14.31	325.8	14.44	
2900	389.3	14.27	386.3	14.38	381.0	14.58	375.3	14.79	369.6	15.00	363.9	15.22	358.7	15.41	353.4	15.61	347.1	15.82	341.6	15.95	
3000	402.9	15.79	400.0	15.91	394.9	16.11	389.4	16.33	383.9	16.55	378.4	16.77	373.3	16.97	368.2	17.17	362.3	17.41	357.2	17.56	
3100	416.5	17.42	413.7	17.54	408.8	17.75	403.4	17.97	398.1	18.20	392.8	18.43	387.9	18.64	383.0	18.84	377.2	19.09	372.7	19.27	
3200	430.1	19.15	427.4	19.28	422.6	19.49	417.4	19.73	412.3	19.96	407.1	20.19	402.4	20.41	397.6	20.62	392.0	20.88	387.7	21.07	
3300	443.7	20.99	441.0	21.12	436.4	21.35	431.4	21.59	426.4	21.83	421.4	22.07	416.8	22.29	412.2	22.52	406.8	22.77	402.6	22.98	
3400	457.2	22.95	454.7	23.09	450.2	23.32	445.4	23.57	440.5	23.81	435.6	24.06	431.2	24.29	426.7	24.52	421.5	24.79	417.3	25.00	
3500	470.8	25.03	468.3	25.17	464.0	25.41	459.3	25.66	454.6	25.92	449.8	26.17	445.5	26.41	441.1	26.65	436.1	26.92	432.1	27.14	
3600	484.4	27.23	482.0	27.38	477.8	27.62	473.2	27.88	468.6	28.14	464.0	28.41	459.8	28.65	455.5	28.89	450.6	29.18	446.7	29.40	

STATIC PRESS.	127 mmAq		140 mmAq		152 mmAq		165 mmAq		178 mmAq		191 mmAq		203 mmAq		216 mmAq		229 mmAq		254 mmAq		
	RPM	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)
1700	90.37	2.745																			
1800	133.7	3.726	108.2	3.472																	
1900	154.1	4.426	142.4	4.387	123.8	4.215															
2000	173.2	5.192	162.9	5.165	152.6	5.127	135.8	4.978	95.81	4.250											
2100	191.5	6.037	181.8	6.010	172.9	5.987	162.3	5.943	148.7	5.836	124.2	5.467									
2200	210.2	6.996	200.2	6.938	191.7	6.914	182.4	6.888	172.5	6.844	162.3	6.796	144.5	6.560	102.7	5.589					
2300	229.6	8.083	218.9	7.988	210.0	7.933	201.1	7.903	192.3	7.875	182.9	7.834	174.0	7.790	159.4	7.616	136.5	7.195			
2400	249.7	9.309	238.1	9.165	228.7	9.078	219.5	9.015	211.0	8.983	202.5	8.954	194.4	8.920	185.2	8.870	174.7	8.787	124.1	7.620	
2500	269.4	10.65	258.2	10.50	247.9	10.36	238.2	10.26	229.4	10.20	221.1	10.16	213.6	10.13	205.4	10.10	196.6	10.05	174.8	9.808	
2600	286.0	11.87	278.0	11.94	268.1	11.80	257.3	11.64	248.0	11.54	239.5	11.48	232.1	11.43	224.3	11.40	216.5	11.37	200.3	11.28	
2700	302.4	13.19	295.4	13.33	287.9	13.36	277.5	13.20	267.2	13.04	258.2	12.93	250.6	12.87	242.7	12.81	235.2	12.78	220.6	12.71	
2800	318.6	14.60	311.8	14.75	305.6	14.88	297.4	14.88	287.4	14.72	277.4	14.55	269.2	14.44	261.3	14.36	253.5	14.30	239.6	14.23	
2900	334.6	16.11	328.1	16.27	322.1	16.41	315.6	16.56	307.2	16.52	297.6	16.35	288.7	16.19	279.8	16.05	272.2	15.98	258.1	15.86	
3000	350.4	17.73	344.1	17.89	338.3	18.03	332.0	18.19	325.7	18.35	317.5	18.29	308.9	18.12	299.5	17.94	290.7	17.78	276.5	17.63	
3100	366.1	19.45	360.0	19.62	354.4	19.77	348.3	19.93	342.2	20.10	336.2	20.26	328.7	20.19	319.7	20.00	310.7	19.82	295.2	19.56	
3200	381.7	21.29	375.8	21.46	370.4	21.61	364.5	21.78	358.6	21.95	352.7	22.12	347.2	22.28	339.5	22.21	330.8	22.02	314.0	21.65	
3300	397.2	23.24	391.4	23.41	386.2	23.57	380.5	23.75	374.7	23.92	369.0	24.10	363.8	24.26	358.0	24.43	350.6	24.37	334.3	23.99	
3400	412.1	25.27	407.0	25.49	401.9	25.65	396.3	25.83	390.8	26.01	385.2	26.19	380.1	26.36	374.6	26.54	369.0	26.72	354.3	26.48	
3500	427.0	27.41	422.3	27.67	417.4	27.85	412.1	28.04	406.7	28.22	401.3	28.41	396.3	28.58	390.9	28.77	385.5	28.95	374.0	29.13	
3600	441.8	29.68	437.2	29.94	432.9	30.18	427.7	30.37	422.4	30.56	417.2	30.75	412.4	30.93	407.1	31.12	401.9	31.31	391.8	31.68	

- Class Grade : Class 1 / Class 2 / Class 3
- Performance certified is for installation type-B (Free inlet, Ducted outlet)
- Performance ratings do not include the effects of appurtenances (accessories)
- Power rating(kW) does not include transmission losses

D51SW 222 SIZE

OUTLET AREA 0.2536 m²

STATIC PRESS.	279 mmAq		305 mmAq		330 mmAq		356 mmAq		381 mmAq		406 mmAq		432 mmAq		457 mmAq		483 mmAq		508 mmAq		
	RPM	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)	VOLUME (m ³ /min)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)
2500	116.5	8.192																			
2600	176.4	10.93	105.0	8.655																	
2700	204.8	12.60	178.2	12.14																	
2800	225.2	14.15	209.3	14.04	182.5	13.49															
2900	244.6	15.80	229.9	15.70	215.2	15.58	186.8	14.94													
3000	263.2	17.54	249.7	17.47	235.7	17.36	220.4	17.21	193.2	16.54	122.2	13.34									
3100	281.5	19.41	268.5	19.33	255.9	19.26	241.6	19.14	226.8	18.96	200.5	18.27	135.2	15.16							
3200	300.3	21.46	286.9	21.33	274.7	21.25	261.8	21.17	248.5	21.04	234.1	20.86	207.6	20.11	149.4	17.20					
3300	318.8	23.66	305.4	23.48	293.2	23.37	280.9	23.29	268.8	23.20	255.9	23.07	241.2	22.87	216.4	22.13	162.7	19.35			
3400	338.5	26.09	324.0	25.81	311.5	25.64	299.4	25.54	288.0	25.46	276.1	25.37	263.1	25.23	250.0	25.06	225.0	24.27	180.7	21.96	
3500	358.7	28.73	342.7	28.31	330.3	28.11	317.7	27.93	306.6	27.85	295.4	27.77	283.4	27.66	271.2	27.52	258.5	27.38	235.2	26.59	
3600	378.6	31.53	363.1	31.10	348.7	30.73	336.5	30.54	324.9	30.38	314.1	30.30	302.8	30.21	291.5	30.10	279.2	29.95	267.3	29.81	

- Class Grade : Class 1 / Class 2 / Class 3
- Performance certified is for installation type-B (Free inlet, Ducted outlet)
- Performance ratings do not include the effects of appurtenances (accessories)
- Power rating(kW) does not include transmission losses

D51SW 245 SIZE

OUTLET AREA 0.3153 m²

STATIC PRESS.	6 mmAq		13 mmAq		25 mmAq		38 mmAq		51 mmAq		64 mmAq		76 mmAq		88 mmAq		102 mmAq		113 mmAq		
	RPM	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)
900	158.3	0.765	147.0	0.812	121.5	0.822	94.97	0.798													
1000	177.9	1.039	168.0	1.093	148.9	1.164	121.7	1.110	94.02	1.064											
1100	197.3	1.372	188.3	1.432	171.5	1.516	147.2	1.498	125.9	1.471	95.86	1.385									
1200	216.6	1.771	208.3	1.836	193.5	1.937	174.8	1.998	151.5	1.925	132.2	1.901	105.1	1.801							
1300	235.7	2.241	228.1	2.312	215.0	2.431	198.9	2.526	177.6	2.487	158.5	2.440	142.0	2.415	117.2	2.309					
1400	254.8	2.789	247.8	2.865	235.7	2.995	221.2	3.107	205.2	3.179	184.1	3.078	168.5	3.044	153.1	3.017	126.3	2.885			
1500	273.9	3.420	267.3	3.501	256.0	3.641	243.0	3.774	229.0	3.883	211.1	3.858	194.0	3.776	179.6	3.742	162.8	3.707	145.3	3.624	
1600	292.9	4.140	286.7	4.227	276.1	4.376	264.5	4.533	251.4	4.650	238.3	4.767	220.4	4.649	205.1	4.575	189.6	4.538	177.3	4.510	
1700	311.8	4.956	306.0	5.048	296.0	5.206	285.2	5.377	273.3	5.514	261.0	5.639	248.0	5.683	231.1	5.553	215.0	5.475	203.6	5.448	
1800	330.7	5.872	325.2	5.970	315.8	6.137	305.6	6.319	294.9	6.484	283.3	6.615	272.5	6.736	258.9	6.714	240.6	6.561	229.1	6.506	
1900	349.6	6.896	344.4	7.000	335.5	7.176	325.8	7.368	316.2	7.559	305.2	7.702	295.0	7.830	284.8	7.958	268.3	7.848	254.6	7.720	
2000	368.5	8.034	363.5	8.142	355.1	8.328	345.9	8.530	336.7	8.731	326.9	8.905	317.2	9.040	307.5	9.175	295.6	9.295	282.4	9.154	
2100	387.3	9.290	382.6	9.404	374.5	9.599	365.8	9.811	357.0	10.02	348.3	10.23	339.0	10.37	329.8	10.51	319.0	10.68	309.8	10.75	
2200	406.1	10.67	401.6	10.79	393.9	11.00	385.6	11.22	377.2	11.44	368.9	11.66	360.6	11.84	351.8	11.98	341.5	12.16	333.5	12.29	
2300	424.9	12.18	420.6	12.31	413.3	12.52	405.3	12.75	397.3	12.99	389.3	13.22	381.9	13.43	373.5	13.59	363.7	13.77	356.0	13.91	
2400	443.7	13.83	439.6	13.96	432.5	14.19	424.9	14.43	417.2	14.67	409.6	14.91	402.5	15.13	395.0	15.33	385.6	15.52	378.2	15.67	
2500	462.5	15.63	458.6	15.76	451.8	15.99	444.4	16.25	437.1	16.50	429.7	16.75	422.9	16.98	416.2	17.21	407.3	17.42	400.2	17.58	
2600	481.3	17.57	477.5	17.71	470.9	17.95	463.9	18.21	456.8	18.47	449.8	18.74	443.2	18.98	436.7	19.22	428.8	19.48	421.9	19.64	
2700	500.0	19.66	496.4	19.81	490.1	20.06	483.3	20.33	476.5	20.60	469.7	20.88	463.4	21.13	457.1	21.38	449.8	21.67	443.4	21.86	
2800	518.7	21.92	515.2	22.07	509.2	22.33	502.6	22.61	496.1	22.90	489.5	23.18	483.5	23.44	477.4	23.70	470.3	24.00	464.8	24.24	
2900	537.5	24.34	534.1	24.50	528.3	24.77	521.9	25.06	515.6	25.35	509.3	25.65	503.4	25.92	497.6	26.19	490.7	26.50	485.4	26.75	
3000	556.2	26.94	553.0	27.10	547.3	27.38	541.2	27.68	535.1	27.99	528.9	28.29	523.3	28.57	517.6	28.85	511.0	29.17	505.9	29.43	
3100	574.9	29.71	571.8	29.88	566.3	30.17	560.4	30.48	554.5	30.80	548.5	31.11	543.1	31.40	537.6	31.68	531.2	32.02	526.2	32.28	
3200	593.6	32.67	590.6	32.85	585.3	33.15	579.6	33.47	573.8	33.79	568.1	34.11	562.8	34.41	557.5	34.71	551.3	35.05	546.5	35.33	

STATIC PRESS.	127 mmAq		140 mmAq		152 mmAq		165 mmAq		178 mmAq		191 mmAq		203 mmAq		216 mmAq		229 mmAq		254 mmAq		
	RPM	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)
1600	158.5	4.429	113.1	3.840																	
1700	189.0	5.412	174.4	5.363	150.0	5.131															
1800	215.3	6.466	202.6	6.433	189.9	6.386	169.7	6.211	122.5	5.367											
1900	240.7	7.646	228.6	7.608	217.7	7.579	204.8	7.529	190.3	7.442	165.5	7.137									
2000	266.4	8.995	254.1	8.922	243.4	8.882	232.1	8.849	220.2	8.802	207.9	8.745	189.9	8.537	155.8	7.877					
2100	293.8	10.56	279.7	10.41	268.9	10.34	257.7	10.29	246.9	10.25	236.0	10.21	225.1	10.16	212.8	10.09	190.4	9.748			
2200	321.3	12.32	307.1	12.14	294.4	11.98	283.2	11.90	272.4	11.84	262.1	11.80	252.7	11.77	241.7	11.71	230.5	11.65	195.0	11.14	
2300	346.2	14.09	334.6	14.06	322.1	13.88	308.7	13.70	298.0	13.62	287.5	13.54	278.4	13.50	268.6	13.46	258.5	13.42	237.9	13.29	
2400	368.8	15.86	360.1	16.03	349.6	15.98	336.6	15.78	323.7	15.58	313.2	15.49	303.8	15.41	294.1	15.36	284.7	15.32	266.1	15.22	
2500	391.2	17.77	382.8	17.95	375.0	18.12	364.1	18.06	351.7	17.86	339.2	17.65	329.5	17.54	319.6	17.45	310.1	17.37	292.8	17.30	
2600	413.2	19.84	405.2	20.03	397.7	20.21	389.6	20.39	379.1	20.33	367.1	20.11	356.1	19.91	345.3	19.75	335.8	19.66	318.3	19.52	
2700	435.1	22.07	427.3	22.26	420.1	22.45	412.4	22.64	404.6	22.84	394.5	22.78	383.9	22.57	372.4	22.35	361.3	22.15	343.8	21.96	
2800	456.7	24.46	449.2	24.67	442.3	24.85	434.8	25.06	427.3	25.26	419.8	25.47	411.2	25.45	400.1	25.22	389.0	24.98	369.5	24.64	
2900	478.2	27.03	470.9	27.24	464.3	27.43	457.0	27.64	449.8	27.86	442.5	28.07	435.9	28.26	427.3	28.31	416.6	28.07	396.0	27.60	
3000	499.3	29.75	492.5	29.99	486.0	30.19	479.0	30.41	472.0	30.63	465.0	30.85	458.6	31.05	451.6	31.27	443.8	31.38	423.8	30.90	
3100	519.8	32.62	513.8	32.92	507.6	33.13	500.8	33.36	494.0	33.58	487.3	33.81	481.0	34.02	474.2	34.25	467.5	34.47	451.3	34.44	
3200	540.3	35.67	534.5	36.00	529.0	36.26	522.4	36.50	515.8	36.73	509.3	36.96	503.2	37.18	496.7	37.41	490.1	37.65	477.5	38.10	

- Class Grade : Class 1 / Class 2 / Class 3

- Performance certified is for installation type-B (Free inlet, Ducted outlet)

- Performance ratings do not include the effects of appurtenances (accessories)

- Power rating(kW) does not include transmission losses

D51SW 245 SIZE

OUTLET AREA 0.3153 m²

STATIC PRESS.	279 mmAq		305 mmAq		330 mmAq		356 mmAq		381 mmAq		406 mmAq		432 mmAq		457 mmAq		483 mmAq		508 mmAq	
	RPM	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)
2300	201.7	12.69																		
2400	246.3	15.09	208.6	14.38																
2500	274.6	17.19	254.8	17.04	218.7	16.28														
2600	301.6	19.44	283.2	19.31	264.9	19.17	228.8	18.34												
2700	327.3	21.85	310.6	21.76	293.3	21.62	275.0	21.47	241.5	20.64	162.3	17.10								
2800	352.6	24.45	336.3	24.35	320.8	24.26	303.5	24.11	286.5	23.96	255.3	23.15	185.7	19.96						
2900	378.4	27.32	361.6	27.13	346.7	27.04	331.1	26.94	314.9	26.79	298.5	26.63	268.8	25.84	215.6	23.45				
3000	403.9	30.42	387.4	30.20	372.0	30.02	357.0	29.92	342.5	29.83	326.8	29.67	310.4	29.50	284.5	28.80	244.3	27.20		
3100	432.0	33.94	412.9	33.50	397.7	33.28	382.4	33.11	368.4	33.01	354.4	32.91	338.6	32.75	323.3	32.58	299.8	31.97	270.5	31.02
3200	459.6	37.71	440.1	37.17	423.3	36.80	407.9	36.57	393.8	36.41	380.2	36.31	366.1	36.21	351.5	36.04	336.1	35.86	317.0	35.43

- Class Grade : Class 1 / Class 2 / Class 3
- Performance certified is for installation type-B (Free inlet, Ducted outlet)
- Performance ratings do not include the effects of appurtenances (accessories)
- Power rating(kW) does not include transmission losses

D51SW 270 SIZE

OUTLET AREA 0.3815 m²

STATIC PRESS.	6 mmAq		13 mmAq		25 mmAq		38 mmAq		51 mmAq		64 mmAq		76 mmAq		88 mmAq		102 mmAq		113 mmAq		
	RPM	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)
900	213.8	1.229	201.7	1.295	178.0	1.374	145.0	1.312	109.2	1.245											
1000	239.8	1.672	228.9	1.744	208.5	1.847	179.1	1.825	153.3	1.792	117.2	1.691									
1100	265.5	2.211	255.6	2.291	237.9	2.415	216.0	2.503	187.5	2.409	164.4	2.379	134.2	2.277							
1200	291.1	2.856	282.0	2.943	266.5	3.092	247.3	3.210	222.9	3.190	199.0	3.116	179.7	3.090	154.5	3.004					
1300	316.6	3.618	308.3	3.712	293.9	3.873	276.9	4.017	259.1	4.144	233.2	4.012	214.3	3.960	196.5	3.933	171.3	3.847	115.2	3.239	
1400	342.1	4.504	334.3	4.606	320.9	4.780	305.9	4.953	289.4	5.090	270.2	5.130	248.5	5.001	231.0	4.947	211.8	4.912	195.3	4.867	
1500	367.4	5.526	360.1	5.635	347.7	5.821	334.2	6.023	319.0	6.176	303.6	6.322	285.1	6.278	265.2	6.147	246.2	6.082	232.2	6.054	
1600	392.7	6.693	385.9	6.809	374.2	7.008	361.6	7.223	348.1	7.410	333.6	7.567	320.3	7.711	301.6	7.598	280.4	7.449	266.3	7.389	
1700	418.0	8.015	411.5	8.138	400.6	8.349	388.7	8.578	376.7	8.805	363.1	8.971	350.6	9.124	338.0	9.277	316.3	9.075	300.6	8.948	
1800	443.2	9.500	437.1	9.631	426.7	9.854	415.5	10.10	404.3	10.34	392.1	10.54	380.3	10.71	368.4	10.87	353.0	10.96	336.9	10.79	
1900	468.4	11.16	462.6	11.30	452.8	11.53	442.1	11.79	431.5	12.05	420.7	12.30	409.5	12.47	398.3	12.64	385.2	12.84	373.5	12.90	
2000	493.5	13.00	488.1	13.15	478.7	13.40	468.6	13.67	458.5	13.93	448.4	14.20	438.4	14.42	427.7	14.60	415.3	14.81	405.5	14.97	
2100	518.6	15.04	513.5	15.19	504.6	15.45	494.9	15.73	485.3	16.02	475.7	16.30	466.8	16.56	456.7	16.76	444.9	16.98	435.6	17.15	
2200	543.7	17.28	538.8	17.44	530.3	17.71	521.1	18.01	511.9	18.30	502.7	18.60	494.2	18.87	485.4	19.13	474.1	19.36	465.2	19.54	
2300	568.8	19.73	564.1	19.90	556.0	20.18	547.2	20.49	538.4	20.80	529.6	21.11	521.5	21.40	513.4	21.68	503.0	21.95	494.5	22.14	
2400	593.9	22.40	589.4	22.58	581.6	22.88	573.2	23.20	564.7	23.52	556.3	23.84	548.5	24.14	540.7	24.44	531.6	24.78	523.4	24.98	
2500	619.0	25.31	614.6	25.49	607.2	25.80	599.1	26.14	591.0	26.47	582.9	26.81	575.4	27.12	567.9	27.43	559.2	27.79	552.0	28.05	
2600	644.0	28.46	639.8	28.64	632.7	28.97	624.9	29.32	617.1	29.67	609.3	30.02	602.1	30.34	595.0	30.66	586.6	31.04	580.0	31.34	
2700	669.0	31.85	665.0	32.05	658.1	32.38	650.6	32.75	643.1	33.11	635.6	33.48	628.7	33.81	621.8	34.15	613.7	34.54	607.4	34.85	
2800	694.0	35.51	690.2	35.72	683.6	36.06	676.3	36.44	669.1	36.82	661.9	37.19	655.2	37.54	648.5	37.89	640.8	38.30	634.6	38.62	
2900	719.0	39.44	715.4	39.65	708.9	40.01	702.0	40.40	695.0	40.79	688.0	41.18	681.6	41.54	675.1	41.90	667.6	42.33	661.7	42.66	

STATIC PRESS.	127 mmAq		140 mmAq		152 mmAq		165 mmAq		178 mmAq		191 mmAq		203 mmAq		216 mmAq		229 mmAq		254 mmAq			
	RPM	VOLUME (m ³ /min)	BHP (kW)																			
1400	157.6	4.564																				
1500	213.1	5.998	186.5	5.806	120.9	4.761																
1600	249.5	7.351	233.1	7.301	217.1	7.238	184.6	6.895														
1700	283.6	8.865	268.9	8.827	255.2	8.787	239.2	8.722	215.6	8.502	165.9	7.590										
1800	317.9	10.62	302.8	10.53	290.0	10.49	276.2	10.45	261.3	10.39	246.2	10.32	220.6	9.990	163.6	8.702						
1900	354.1	12.68	337.2	12.50	324.0	12.42	310.5	12.36	297.4	12.31	283.9	12.26	270.7	12.19	254.3	12.07	227.0	11.66				
2000	390.8	15.02	373.7	14.80	358.2	14.60	344.7	14.51	331.5	14.43	319.0	14.38	307.5	14.34	294.3	14.28	280.7	14.20	238.4	13.59		
2100	423.7	17.37	410.4	17.39	395.3	17.17	379.0	16.94	365.8	16.82	352.9	16.72	341.9	16.68	330.0	16.63	318.1	16.58	293.2	16.43		
2200	453.9	19.77	443.4	19.98	431.9	20.02	416.3	19.78	400.8	19.53	387.3	19.38	375.9	19.28	364.1	19.20	352.8	19.15	330.7	19.05		
2300	483.6	22.39	473.6	22.61	464.3	22.82	452.8	22.90	437.9	22.64	423.0	22.39	410.1	22.19	398.4	22.08	386.6	21.97	365.7	21.87		
2400	513.0	25.23	503.4	25.47	494.5	25.68	484.9	25.92	474.4	26.05	460.1	25.79	446.9	25.54	432.6	25.27	421.0	25.14	399.6	24.94		
2500	542.1	28.32	532.8	28.56	524.3	28.78	515.1	29.03	505.8	29.27	496.4	29.49	483.7	29.24	470.0	28.96	456.3	28.68	434.0	28.37		
2600	570.9	31.65	562.0	31.90	553.8	32.14	544.9	32.39	536.0	32.64	527.1	32.90	518.9	33.13	506.7	32.97	493.5	32.68	468.2	32.12		
2700	599.3	35.24	590.8	35.50	582.9	35.75	574.4	36.01	565.8	36.27	557.2	36.54	549.3	36.78	540.8	37.04	530.0	37.01	505.6	36.43		
2800	626.9	39.02	619.4	39.38	611.8	39.63	603.5	39.90	595.3	40.17	587.0	40.45	579.4	40.70	571.1	40.97	562.9	41.25	542.4	41.09		
2900	654.2	43.08	647.2	43.47	640.4	43.79	632.4	44.07	624.5	44.35	616.5	44.64	609.1	44.90	601.2	45.18	593.2	45.46	577.9	46.01		

- Class Grade : Class 1 / Class 2 / Class 3
- Performance certified is for installation type-B (Free inlet, Ducted outlet)
- Performance ratings do not include the effects of appurtenances (accessories)
- Power rating(kW) does not include transmission losses

D51SW 270 SIZE

OUTLET AREA 0.3815 m²

STATIC PRESS.	279 mmAq		305 mmAq		330 mmAq		356 mmAq		381 mmAq		406 mmAq		432 mmAq		457 mmAq		483 mmAq		508 mmAq		
	RPM	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)	VOLUME (m ³ /min)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)
2100	252.3	15.77																			
2200	307.0	18.89	266.5	18.18																	
2300	344.5	21.76	320.9	21.58	284.4	20.90	192.2	17.45													
2400	379.7	24.84	358.4	24.71	336.6	24.53	302.3	23.87	232.6	21.29											
2500	413.7	28.17	393.8	28.06	374.2	27.94	352.4	27.75	323.4	27.20	276.7	25.76									
2600	447.9	31.87	427.8	31.68	409.4	31.57	389.9	31.43	369.8	31.24	345.7	30.86	305.7	29.75	208.1	24.72					
2700	482.0	35.91	462.0	35.65	443.5	35.47	425.1	35.35	407.1	35.22	387.8	35.03	367.6	34.82	330.6	33.71	258.3	30.11			
2800	518.8	40.49	496.2	40.00	477.6	39.74	459.2	39.55	442.1	39.43	425.0	39.32	405.6	39.10	386.9	38.89	355.0	37.98	315.2	36.52	
2900	555.8	45.49	532.2	44.85	511.9	44.41	493.2	44.13	476.2	43.95	459.7	43.83	442.5	43.70	424.7	43.50	405.9	43.27	381.6	42.68	

- Class Grade : Class 1 / Class 2 / Class 3

- Performance certified is for installation type-B (Free inlet, Ducted outlet)

- Performance ratings do not include the effects of appurtenances (accessories)

- Power rating(kW) does not include transmission losses

D51SW 300 SIZE

OUTLET AREA 0.4639 m²

STATIC PRESS.	6 mmAq		13 mmAq		25 mmAq		38 mmAq		51 mmAq		64 mmAq		76 mmAq		88 mmAq		102 mmAq		113 mmAq		
	RPM	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)
900	288.3	1.980	275.0	2.067	250.0	2.190	213.9	2.157	182.5	2.119	131.3	1.936									
1000	322.8	2.696	310.8	2.793	289.3	2.945	262.9	3.053	228.3	2.939	200.3	2.902	164.1	2.781							
1100	357.0	3.569	346.1	3.676	327.4	3.859	304.4	4.005	275.9	4.001	246.4	3.899	223.4	3.869	196.4	3.798					
1200	391.1	4.615	381.1	4.731	364.0	4.930	343.9	5.113	322.7	5.269	293.0	5.149	269.1	5.063	248.0	5.030	221.5	4.969	183.3	4.702	
1300	425.1	5.848	415.9	5.975	400.0	6.191	382.5	6.414	362.9	6.584	342.2	6.711	315.4	6.533	293.6	6.444	270.7	6.399	251.9	6.352	
1400	459.0	7.286	450.4	7.422	435.7	7.654	419.8	7.906	402.2	8.108	384.0	8.291	364.9	8.354	340.0	8.162	316.3	8.049	299.5	8.009	
1500	492.8	8.943	484.8	9.088	471.1	9.338	456.2	9.608	440.8	9.859	423.8	10.06	408.2	10.24	389.5	10.26	362.4	10.02	345.1	9.931	
1600	526.5	10.84	519.0	10.99	506.1	11.26	492.2	11.54	478.3	11.83	462.9	12.06	448.2	12.25	433.5	12.45	412.0	12.42	392.1	12.22	
1700	560.2	12.98	553.1	13.14	541.0	13.43	527.9	13.73	514.8	14.04	501.3	14.33	487.5	14.53	473.7	14.74	457.5	14.97	441.5	14.94	
1800	593.8	15.39	587.2	15.56	575.7	15.86	563.4	16.19	551.0	16.51	538.6	16.83	526.2	17.08	513.1	17.30	497.9	17.55	485.9	17.75	
1900	627.5	18.08	621.1	18.26	610.3	18.58	598.6	18.92	586.8	19.26	575.1	19.61	564.3	19.92	552.0	20.15	537.6	20.42	526.2	20.63	
2000	661.0	21.07	655.0	21.26	644.7	21.60	633.6	21.96	622.5	22.32	611.3	22.68	601.0	23.01	590.4	23.32	576.6	23.60	565.9	23.82	
2100	694.6	24.37	688.9	24.58	679.1	24.92	668.5	25.30	657.8	25.68	647.2	26.06	637.4	26.41	627.6	26.76	615.2	27.10	605.0	27.33	
2200	728.1	28.00	722.7	28.22	713.3	28.58	703.2	28.98	693.0	29.38	682.9	29.77	673.6	30.14	664.2	30.50	653.3	30.93	643.6	31.18	
2300	761.6	31.98	756.4	32.20	747.5	32.59	737.8	33.00	728.1	33.42	718.4	33.83	709.4	34.21	700.5	34.59	690.1	35.04	681.8	35.38	
2400	795.0	36.32	790.1	36.55	781.5	36.95	772.3	37.38	763.0	37.82	753.7	38.25	745.1	38.65	736.5	39.05	726.5	39.51	718.7	39.88	
2500	828.5	41.03	823.8	41.28	815.6	41.69	806.7	42.14	797.7	42.59	788.8	43.04	780.6	43.46	772.4	43.87	762.8	44.36	755.2	44.74	
2600	861.9	46.14	857.5	46.39	849.5	46.82	841.0	47.29	832.4	47.76	823.8	48.23	815.9	48.66	808.0	49.09	798.8	49.60	791.5	49.99	
2700	895.3	51.65	891.1	51.92	883.5	52.36	875.2	52.85	866.9	53.34	858.7	53.82	851.1	54.27	843.5	54.72	834.6	55.24	827.6	55.65	

STATIC PRESS.	127 mmAq		140 mmAq		152 mmAq		165 mmAq		178 mmAq		191 mmAq		203 mmAq		216 mmAq		229 mmAq		254 mmAq		
	RPM	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)
1300	218.3	6.152																			
1400	277.9	7.956	256.5	7.884	220.2	7.538															
1500	324.7	9.860	306.5	9.816	288.2	9.748	263.8	9.586	216.9	8.921											
1600	370.4	12.06	352.3	11.98	336.5	11.94	318.9	11.88	300.1	11.80	272.4	11.52	227.6	10.73							
1700	417.5	14.67	398.1	14.50	381.9	14.40	365.7	14.35	349.6	14.30	332.4	14.22	316.1	14.14	288.5	13.80	243.1	12.91			
1800	466.9	17.73	445.9	17.46	427.8	17.26	411.2	17.14	395.4	17.06	380.2	17.00	366.1	16.96	349.5	16.87	332.9	16.77	276.4	15.91	
1900	511.8	20.90	495.2	20.88	476.8	20.62	456.9	20.34	441.1	20.21	425.5	20.09	412.2	20.04	397.8	19.99	383.1	19.92	352.8	19.74	
2000	552.2	24.10	539.4	24.36	525.8	24.43	506.9	24.13	488.0	23.83	471.5	23.64	457.7	23.52	443.3	23.42	429.6	23.36	403.0	23.23	
2100	591.9	27.62	579.8	27.90	568.6	28.15	555.6	28.34	537.6	28.03	519.6	27.71	503.4	27.44	489.2	27.31	475.0	27.17	449.5	27.03	
2200	631.1	31.49	619.5	31.77	608.9	32.04	597.3	32.33	585.7	32.61	569.0	32.33	553.1	32.03	536.0	31.71	520.9	31.48	494.8	31.21	
2300	669.9	35.71	658.8	36.01	648.6	36.28	637.5	36.58	626.4	36.88	615.4	37.18	602.1	37.10	587.7	36.76	569.3	36.41	540.8	35.93	
2400	708.2	40.30	697.6	40.61	687.8	40.90	677.2	41.21	666.6	41.53	656.0	41.84	646.2	42.13	634.4	42.29	618.7	41.93	588.4	41.25	
2500	745.6	45.22	736.0	45.60	726.6	45.90	716.4	46.23	706.2	46.56	696.0	46.88	686.6	47.18	676.4	47.51	666.3	47.84	638.0	47.24	
2600	782.3	50.50	773.7	50.96	765.0	51.31	755.2	51.65	745.4	51.99	735.6	52.33	726.6	52.64	716.8	52.98	707.0	53.32	686.7	53.75	
2700	818.7	56.18	810.4	56.66	802.8	57.11	793.6	57.49	784.2	57.85	774.8	58.20	766.1	58.52	756.6	58.88	747.2	59.23	729.1	59.90	

STATIC PRESS.	279 mmAq		305 mmAq		330 mmAq		356 mmAq		381 mmAq		406 mmAq		432 mmAq		457 mmAq		483 mmAq		508 mmAq		
	RPM	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)
1900	301.1	18.88																			
2000	374.2	23.04	326.1	22.21																	
2100	424.3	26.91	395.7	26.69	355.5	26.00	260.4	22.65													
2200	470.7	31.08	445.7	30.95	419.5	30.73	384.8	30.19	329.2	28.65											
2300	515.9	35.65	492.1	35.51	469.1	35.38	443.3	35.16	417.8	34.91	369.9	33.64	257.6	28.36							
2400	562.0	40.80	537.3	40.50	515.3	40.36	492.5	40.22	468.9	40.01	444.9	39.77	404.5	38.76	340.0	36.15					
2500	609.0	46.52	583.4	46.09	560.4	45.78	538.5	45.63	517.4	45.49	495.3	45.29	471.3	45.03	442.1	44.45	396.2	43.02	292.3	37.15	
2600	658.8	53.01	629.7	52.24	606.6	51.84	583.6	51.50	563.3	51.35	543.1	51.20	521.4	51.02	499.3	50.76	476.2	50.50	436.5	49.22	
2700	707.6	60.04	679.7	59.24	652.8	58.46	629.8	58.05	608.6	57.72	588.8	57.54	568.5	57.38	549.0	57.22	526.9	56.95	505.5	56.69	

- Class Grade : Class 1 / Class 2 / Class 3

- Performance certified is for installation type-B (Free inlet, Ducted outlet)

- Performance ratings do not include the effects of appurtenances (accessories)

- Power rating(kW) does not include transmission losses

D51SW 330 SIZE

OUTLET AREA 0.5734 m²

STATIC PRESS.	6 mmAq		13 mmAq		25 mmAq		38 mmAq		51 mmAq		64 mmAq		76 mmAq		88 mmAq		102 mmAq		113 mmAq			
	RPM	VOLUME (m ³ /min)	BHP (kW)																			
900	399.0	3.334	384.1	3.454	357.6	3.642	325.0	3.777	282.3	3.635	247.7	3.590	203.2	3.442								
1000	446.0	4.547	432.6	4.680	409.8	4.908	381.8	5.094	347.9	5.117	311.0	4.979	282.6	4.937	252.2	4.876						
1100	492.8	6.026	480.6	6.172	459.8	6.423	435.8	6.659	410.0	6.856	376.0	6.771	345.4	6.638	319.3	6.585	287.9	6.516	250.7	6.301		
1200	539.4	7.797	528.2	7.957	509.2	8.231	488.5	8.526	464.9	8.741	441.3	8.956	410.6	8.793	382.0	8.637	353.7	8.559	332.0	8.515		
1300	585.8	9.888	575.6	10.06	558.0	10.36	538.9	10.68	518.5	10.95	496.7	11.19	476.6	11.40	447.8	11.20	416.4	10.99	395.2	10.91		
1400	632.2	12.32	622.7	12.51	606.3	12.83	588.6	13.18	570.9	13.52	550.8	13.78	532.2	14.01	513.5	14.24	482.4	14.00	458.0	13.78		
1500	678.5	15.13	669.6	15.33	654.4	15.67	637.8	16.05	621.3	16.42	603.9	16.75	586.5	17.00	569.1	17.24	548.7	17.53	525.6	17.31		
1600	724.7	18.34	716.4	18.55	702.1	18.92	686.6	19.31	671.1	19.71	655.6	20.10	639.8	20.40	623.5	20.66	604.5	20.97	589.5	21.21		
1700	770.9	21.97	763.0	22.20	749.6	22.59	735.0	23.01	720.4	23.43	705.8	23.85	692.4	24.23	677.0	24.52	659.1	24.84	645.0	25.10		
1800	817.0	26.06	809.6	26.30	796.9	26.71	783.1	27.15	769.3	27.60	755.6	28.04	742.9	28.45	729.7	28.84	712.8	29.18	699.5	29.46		
1900	863.1	30.62	856.0	30.88	844.0	31.31	831.0	31.78	817.9	32.25	804.9	32.72	792.8	33.15	780.8	33.59	765.7	34.02	753.1	34.31		
2000	909.1	35.69	902.4	35.96	891.0	36.41	878.6	36.91	866.2	37.40	853.8	37.90	842.4	38.35	831.0	38.81	817.6	39.34	806.0	39.68		
2100	955.0	41.29	948.8	41.57	937.9	42.05	926.1	42.57	914.3	43.09	902.5	43.61	891.6	44.09	880.7	44.57	868.0	45.13	858.0	45.57		
2200	1001	47.45	995.0	47.75	984.6	48.25	973.4	48.79	962.1	49.34	950.9	49.88	940.5	50.38	930.1	50.88	917.9	51.47	908.4	51.93		
2300	1047	54.20	1041	54.50	1031	55.03	1021	55.60	1010	56.17	999.0	56.74	989.1	57.26	979.1	57.79	967.5	58.40	958.4	58.88		

STATIC PRESS.	127 mmAq		140 mmAq		152 mmAq		165 mmAq		178 mmAq		191 mmAq		203 mmAq		216 mmAq		229 mmAq		254 mmAq			
	RPM	VOLUME (m ³ /min)	BHP (kW)																			
1200	302.1	8.424	247.1	7.899																		
1300	370.0	10.85	345.1	10.77	318.2	10.63	260.1	9.891														
1400	432.5	13.65	410.7	13.59	390.6	13.53	366.8	13.44	336.7	13.21	283.8	12.44										
1500	495.5	16.98	473.3	16.84	453.6	16.75	433.3	16.69	412.5	16.62	390.3	16.51	365.1	16.30	322.6	15.71	197.4	12.48				
1600	563.8	21.05	537.6	20.72	516.5	20.52	495.7	20.38	476.4	20.31	457.4	20.24	439.3	20.16	418.4	20.05	395.4	19.88	284.1	17.35		
1700	627.1	25.43	605.5	25.34	582.7	25.02	558.6	24.69	539.1	24.54	519.9	24.41	503.4	24.34	485.5	24.27	467.0	24.19	429.3	23.96		
1800	682.5	29.80	666.8	30.13	650.0	30.21	626.7	29.85	603.3	29.48	583.0	29.24	565.9	29.09	548.1	28.96	531.2	28.89	498.3	28.74		
1900	737.1	34.67	722.2	35.01	708.4	35.33	693.5	35.66	671.4	35.28	649.3	34.89	628.9	34.53	611.1	34.34	593.6	34.18	562.1	33.98		
2000	790.8	40.06	776.7	40.42	763.6	40.75	749.4	41.11	735.3	41.47	716.8	41.34	697.4	40.96	676.4	40.56	656.4	40.20	624.5	39.86		
2100	843.8	46.00	830.4	46.38	817.9	46.72	804.4	47.10	791.0	47.48	777.5	47.85	764.3	48.11	744.3	47.68	724.3	47.25	687.4	46.51		
2200	896.3	52.52	883.4	52.91	871.5	53.27	858.7	53.67	845.8	54.06	832.9	54.46	821.1	54.82	808.2	55.21	791.6	55.10	754.9	54.24		
2300	946.8	59.49	935.9	60.05	924.5	60.43	912.2	60.84	899.9	61.25	887.6	61.66	876.3	62.04	864.0	62.45	851.6	62.87	822.4	62.82		

STATIC PRESS.	279 mmAq		305 mmAq		330 mmAq		356 mmAq		381 mmAq		406 mmAq		432 mmAq		457 mmAq		483 mmAq		508 mmAq			
	RPM	VOLUME (m ³ /min)	BHP (kW)																			
1700	361.2	22.79																				
1800	462.7	28.50	403.6	27.48																		
1900	531.3	33.84	496.3	33.57	451.4	32.88	353.7	29.75														
2000	594.5	39.65	564.1	39.49	532.6	39.25	498.7	38.94	437.5	37.42	290.4	30.82										
2100	657.0	46.16	627.2	45.92	599.3	45.76	568.8	45.52	538.3	45.24	492.2	44.22	410.5	41.19								
2200	719.8	53.48	689.7	53.09	662.1	52.83	634.4	52.65	607.2	52.45	578.1	52.16	545.9	51.74	490.2	50.08	372.7	44.07				
2300	787.3	61.92	752.5	61.10	724.8	60.71	696.9	60.40	671.5	60.22	646.0	60.04	617.5	59.74	589.6	59.43	547.6	58.37	494.4	56.63		

- Class Grade : Class 1 / Class 2 / Class 3
- Performance certified is for installation type-B (Free inlet, Ducted outlet)
- Performance ratings do not include the effects of appurtenances (accessories)
- Power rating(kW) does not include transmission losses

D51SW 365 SIZE

OUTLET AREA 0.6945 m²

STATIC PRESS.	6 mmAq		13 mmAq		25 mmAq		38 mmAq		51 mmAq		64 mmAq		76 mmAq		88 mmAq		102 mmAq		113 mmAq	
	RPM	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)																
900	531.7	5.305	515.5	5.464	487.5	5.737	453.2	5.954	410.5	5.945	366.6	5.795	332.2	5.750	291.5	5.639				
1000	593.8	7.242	579.1	7.419	554.0	7.721	524.9	8.005	493.8	8.242	452.5	8.133	415.7	7.975	384.2	7.91	346.1	7.829	300.4	7.561
1100	655.5	9.604	642.2	9.799	619.4	10.131	594.6	10.49	566.5	10.76	538.2	11.02	502.4	10.86	467.3	10.65	433.1	10.55	407.3	10.50
1200	717.1	12.43	704.9	12.65	684.0	13.01	661.3	13.40	637.3	13.75	611.4	14.04	587.5	14.30	555.3	14.16	516.2	13.86	490.5	13.74
1300	778.6	15.78	767.3	16.00	748.0	16.40	727.0	16.82	706.1	17.25	682.8	17.58	660.7	17.87	638.6	18.15	605.0	18.04	575.0	17.74
1400	839.9	19.67	829.4	19.92	811.5	20.34	792.0	20.80	772.6	21.26	752.7	21.70	732.2	22.00	711.7	22.31	687.8	22.67	665.0	22.68
1500	901.1	24.16	891.4	24.42	874.6	24.88	856.5	25.37	838.3	25.86	820.2	26.35	802.5	26.76	783.3	27.08	761.0	27.47	743.5	27.77
1600	962.3	29.29	953.1	29.57	937.4	30.05	920.4	30.58	903.4	31.10	886.4	31.63	870.7	32.11	853.7	32.52	832.8	32.93	816.3	33.25
1700	1023	35.09	1015	35.39	1000	35.91	984.0	36.47	968.0	37.02	951.9	37.58	937.2	38.09	922.4	38.61	903.3	39.09	887.8	39.43
1800	1084	41.63	1076	41.94	1062	42.49	1047	43.08	1032	43.67	1017	44.26	1003	44.80	989.0	45.35	972.8	45.98	958.2	46.35
1900	1145	48.92	1138	49.26	1124	49.83	1110	50.46	1096	51.08	1082	51.70	1068	52.28	1055	52.85	1040	53.52	1028	54.05
2000	1206	57.03	1199	57.38	1186	57.99	1173	58.64	1159	59.30	1146	59.95	1133	60.56	1121	61.16	1106	61.87	1094	62.43
2100	1267	65.99	1260	66.36	1248	66.99	1235	67.68	1222	68.37	1209	69.06	1198	69.69	1186	70.33	1172	71.07	1161	71.65

STATIC PRESS.	127 mmAq		140 mmAq		152 mmAq		165 mmAq		178 mmAq		191 mmAq		203 mmAq		216 mmAq		229 mmAq		254 mmAq		
	RPM	VOLUME (m ³ /min)	BHP (kW)																		
1100	371.6	10.39	314.5	9.919																	
1200	460.4	13.67	431.5	13.59	403.4	13.49	350.3	12.96													
1300	543.5	17.54	516.7	17.43	492.9	17.37	466.0	17.27	437.8	17.15	390.4	16.61	298.1	14.69							
1400	629.5	22.27	599.9	22.00	575.9	21.85	551.6	21.76	527.7	21.68	502.5	21.57	478.4	21.45	441.6	21.05	391.7	20.32			
1500	718.9	27.98	688.2	27.58	659.8	27.20	634.7	27.00	610.6	26.83	588.3	26.75	567.7	26.67	544.6	26.57	520.2	26.43	451.5	25.53	
1600	795.4	33.66	776.0	34.04	750.2	33.71	721.4	33.28	694.1	32.91	671.3	32.72	650.5	32.56	629.6	32.47	608.7	32.39	566.4	32.15	
1700	868.1	39.86	849.8	40.27	833.0	40.64	810.8	40.67	783.7	40.21	756.6	39.75	734.1	39.44	712.6	39.24	691.5	39.05	653.6	38.88	
1800	939.6	46.81	922.4	47.24	906.4	47.63	889.2	48.06	871.9	48.49	846.7	48.05	823.0	47.60	797.4	47.11	775.1	46.79	736.1	46.39	
1900	1010	54.55	993.7	55.00	978.6	55.42	962.3	55.87	945.9	56.32	929.5	56.77	912.0	56.90	887.8	56.38	863.5	55.87	819.8	55.05	
2000	1080	63.13	1064	63.60	1050	64.04	1034	64.51	1019	64.99	1003	65.46	988.8	65.90	973.2	66.38	952.8	66.19	908.5	65.15	
2100	1147	72.39	1134	73.08	1120	73.54	1105	74.03	1090	74.53	1076	75.03	1062	75.49	1047	75.99	1032	76.49	997.9	76.56	

STATIC PRESS.	279 mmAq		305 mmAq		330 mmAq		356 mmAq		381 mmAq		406 mmAq		432 mmAq		457 mmAq		483 mmAq		508 mmAq		
	RPM	VOLUME (m ³ /min)	BHP (kW)																		
1600	515.2	31.63	391.3	28.29																	
1700	614.6	38.66	571.5	38.34	499.9	36.91															
1800	700.3	46.19	662.9	45.99	623.8	45.67	571.0	44.83	483.7	42.29											
1900	782.9	54.62	747.1	54.37	713.3	54.18	675.8	53.87	638.7	53.53	576.3	52.01	449.1	46.56							
2000	866.4	64.25	829.9	63.78	796.7	63.48	763.2	63.27	730.3	63.02	695.1	62.66	654.6	62.09	587.4	60.08	438.9	52.38			
2100	955.6	75.47	913.2	74.43	879.8	73.96	846.1	73.56	815.5	73.34	784.8	73.12	750.8	72.78	717.3	72.40	670.2	71.31	606.1	69.20	

- Class Grade : Class 1 / Class 2 / Class 3

- Performance certified is for installation type-B (Free inlet, Ducted outlet)

- Performance ratings do not include the effects of appurtenances (accessories)

- Power rating(kW) does not include transmission losses

D51SW 402 SIZE

OUTLET AREA 0.8469 m²

STATIC PRESS.	6 mmAq		13 mmAq		25 mmAq		38 mmAq		51 mmAq		64 mmAq		76 mmAq		88 mmAq		102 mmAq		113 mmAq	
	RPM	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)																
900	724.9	8.780	706.9	8.996	676.0	9.365	640.1	9.710	601.9	9.999	550.5	9.847	505.7	9.661	467.1	9.588	420.1	9.484	361.4	9.125
1000	808.7	12.00	792.5	12.24	764.7	12.65	734.6	13.09	700.4	13.42	666.0	13.74	623.5	13.59	579.9	13.32	537.9	13.19	506.6	13.13
1100	892.3	15.92	877.5	16.18	852.2	16.63	824.8	17.12	796.2	17.57	765.0	17.92	736.1	18.25	699.9	18.22	650.6	17.80	619.5	17.65
1200	975.6	20.62	962.1	20.91	938.9	21.40	913.8	21.93	888.7	22.47	861.3	22.91	834.9	23.27	808.4	23.62	772.5	23.74	736.5	23.37
1300	1059	26.17	1046	26.48	1025	27.02	1002	27.59	978.5	28.17	955.3	28.75	931.3	29.16	906.9	29.54	878.3	29.99	855.9	30.35
1400	1142	32.64	1130	32.98	1110	33.55	1089	34.17	1067	34.80	1046	35.42	1026	35.99	1003	36.41	976.7	36.90	955.9	37.28
1500	1225	40.10	1214	40.46	1195	41.08	1175	41.74	1155	42.41	1135	43.08	1117	43.69	1098	44.30	1073	44.82	1054	45.23
1600	1308	48.62	1297	49.01	1280	49.66	1261	50.37	1242	51.09	1224	51.80	1206	52.45	1189	53.11	1168	53.84	1150	54.27
1700	1390	58.28	1381	58.68	1364	59.38	1347	60.14	1329	60.89	1311	61.65	1295	62.35	1279	63.05	1259	63.86	1244	64.48
1800	1473	69.13	1464	69.56	1449	70.30	1432	71.10	1415	71.90	1398	72.70	1383	73.44	1367	74.18	1349	75.04	1335	75.72

STATIC PRESS.	127 mmAq		140 mmAq		152 mmAq		165 mmAq		178 mmAq		191 mmAq		203 mmAq		216 mmAq		229 mmAq		254 mmAq			
	RPM	VOLUME (m ³ /min)	BHP (kW)																			
1000	463.4	13.00	398.6	12.49																		
1100	582.4	17.53	548.5	17.45	514.5	17.32	462.3	16.89	344.2	14.84												
1200	695.2	23.02	661.8	22.84	633.3	22.76	602.5	22.67	568.8	22.52	530.9	22.28	471.4	21.49	315.6	17.76						
1300	814.8	29.92	775.6	29.44	746.1	29.22	715.5	29.03	687.0	28.94	658.5	28.84	630.3	28.71	599.2	28.54	553.0	27.98	331.5	22.28		
1400	929.5	37.76	898.0	37.65	864.3	37.18	828.5	36.69	799.7	36.47	771.2	36.26	746.8	36.17	720.4	36.07	693.1	35.94	637.5	35.60		
1500	1029	45.75	1006	46.23	984.9	46.68	950.9	46.13	916.9	45.58	884.4	45.10	859.6	44.88	832.7	44.64	807.8	44.52	760.3	44.31		
1600	1127	54.83	1105	55.34	1085	55.82	1064	56.33	1038	56.42	1006	55.84	976.8	55.30	945.9	54.76	920.7	54.50	873.3	54.09		
1700	1222	65.07	1202	65.62	1184	66.13	1163	66.68	1143	67.22	1123	67.77	1098	67.58	1068	66.96	1038	66.33	986.5	65.47		
1800	1317	76.56	1298	77.14	1280	77.68	1261	78.26	1242	78.84	1223	79.42	1205	79.95	1186	80.53	1160	80.15	1105	78.88		

STATIC PRESS.	279 mmAq		305 mmAq		330 mmAq		356 mmAq		381 mmAq		406 mmAq		432 mmAq		457 mmAq		483 mmAq		508 mmAq			
	RPM	VOLUME (m ³ /min)	BHP (kW)																			
1400	538.5	33.92																				
1500	709.2	43.97	637.6	42.97	480.8	38.09																
1600	828.8	53.87	780.7	53.56	732.0	53.17	646.7	51.37	453.2	43.55												
1700	940.9	64.95	897.3	64.70	855.4	64.47	808.1	64.05	760.3	63.55	672.7	61.23	462.3	51.27								
1800	1054	77.84	1010	77.27	969.0	76.93	927.8	76.67	886.9	76.35	843.7	75.91	789.0	74.96	706.2	72.51	502.2	61.58				

- Class Grade : Class 1 / Class 2 / Class 3
- Performance certified is for installation type-B (Free inlet, Ducted outlet)
- Performance ratings do not include the effects of appurtenances (accessories)
- Power rating(kW) does not include transmission losses

D51SW 445 SIZE

OUTLET AREA 1.0291 m²

STATIC PRESS.	6 mmAq		13 mmAq		25 mmAq		38 mmAq		51 mmAq		64 mmAq		76 mmAq		88 mmAq		102 mmAq		113 mmAq	
	RPM	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)																
900	976.5	14.28	956.6	14.57	922.5	15.07	885.6	15.60	843.5	15.99	801.3	16.38	747.6	16.14	695.5	15.84	644.5	15.69	606.1	15.61
1000	1089	19.53	1071	19.85	1040	20.40	1007	20.99	972.2	21.54	934.2	21.97	899.2	22.37	855.9	22.36	795.6	21.84	757.9	21.66
1100	1200	25.92	1184	26.28	1156	26.88	1126	27.54	1096	28.20	1063	28.76	1031	29.20	999.6	29.63	959.2	29.95	915.9	29.49
1200	1312	33.59	1297	33.98	1271	34.64	1244	35.36	1216	36.07	1188	36.79	1160	37.33	1131	37.81	1097	38.36	1070	38.80
1300	1423	42.65	1410	43.07	1386	43.78	1360	44.56	1335	45.33	1309	46.11	1286	46.83	1260	47.41	1228	48.01	1204	48.49
1400	1535	53.21	1522	53.66	1500	54.43	1476	55.26	1452	56.10	1429	56.93	1407	57.70	1385	58.48	1357	59.21	1334	59.72
1500	1646	65.38	1634	65.86	1613	66.69	1591	67.58	1569	68.48	1547	69.37	1526	70.20	1506	71.03	1482	71.99	1462	72.62
1600	1757	79.29	1746	79.80	1726	80.68	1706	81.64	1685	82.59	1664	83.55	1645	84.43	1626	85.31	1603	86.34	1586	87.15
1700	1867	95.04	1857	95.59	1839	96.52	1820	97.54	1800	98.55	1780	99.57	1762	100.5	1744	101.4	1723	102.5	1707	103.4

STATIC PRESS.	127 mmAq		140 mmAq		152 mmAq		165 mmAq		178 mmAq		191 mmAq		203 mmAq		216 mmAq		229 mmAq		254 mmAq		
	RPM	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)
900	552.6	15.45	466.5	14.73																	
1000	712.7	21.51	671.8	21.41	630.5	21.26	569.9	20.78	438.5	18.60											
1100	864.0	29.00	823.5	28.76	788.7	28.65	751.6	28.54	712.1	28.38	671.4	28.19	606.8	27.39	471.6	24.48					
1200	1026	38.63	979.2	38.04	940.1	37.63	903.0	37.38	868.0	37.22	834.0	37.10	802.1	36.98	764.9	36.77	727.6	36.57	563.0	33.28	
1300	1172	49.09	1142	49.56	1102	48.97	1058	48.33	1019	47.85	985.2	47.58	954.6	47.38	923.2	47.25	891.8	47.12	827.3	46.75	
1400	1305	60.37	1278	60.98	1252	61.54	1221	61.75	1181	61.07	1141	60.38	1106	59.85	1074	59.55	1043	59.25	986.4	58.98	
1500	1434	73.32	1409	73.97	1386	74.56	1360	75.21	1335	75.86	1304	75.87	1269	75.18	1232	74.45	1194	73.71	1137	73.09	
1600	1562	88.05	1538	88.74	1516	89.38	1493	90.07	1469	90.76	1445	91.45	1423	92.09	1395	92.15	1359	91.36	1292	89.85	
1700	1686	104.5	1665	105.4	1645	106.1	1622	106.8	1600	107.6	1578	108.3	1557	109.0	1535	109.7	1512	110.5	1456	109.9	

STATIC PRESS.	279 mmAq		305 mmAq		330 mmAq		356 mmAq		381 mmAq		406 mmAq		432 mmAq		457 mmAq		483 mmAq		508 mmAq		
	RPM	VOLUME (m ³ /min)	BHP (kW)																		
1300	740.1	45.64	508.8	38.67																	
1400	929.2	58.67	865.3	58.20	766.8	56.34	517.0	47.00													
1500	1083	72.68	1029	72.38	973.3	71.97	913.7	71.46	812.1	69.06	587.9	59.44									
1600	1235	88.97	1180	88.36	1131	88.05	1080	87.74	1026	87.23	972.6	86.71	872.4	83.99	685.8	75.34					
1700	1392	108.27	1332	107.0	1282	106.3	1232	105.8	1186	105.5	1139	105.2	1087	104.6	1036	104.0	945.0	101.3	817.3	95.82	

- Class Grade : Class 1 / Class 2 / Class 3
- Performance certified is for installation type-B (Free inlet, Ducted outlet)
- Performance ratings do not include the effects of appurtenances (accessories)
- Power rating(kW) does not include transmission losses

D51SW 490 SIZE

OUTLET AREA 1.2574 m²

STATIC PRESS.	6 mmAq		13 mmAq		25 mmAq		38 mmAq		51 mmAq		64 mmAq		76 mmAq		88 mmAq		102 mmAq		113 mmAq	
	RPM	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)																
900	1322	23.47	1300	23.86	1263	24.53	1222	25.26	1179	25.91	1132	26.44	1089	26.92	1035	26.83	961.9	26.22	915.7	26.00
1000	1473	32.11	1453	32.54	1420	33.29	1383	34.09	1346	34.90	1307	35.59	1268	36.13	1229	36.67	1182	37.15	1129	36.58
1100	1624	42.65	1606	43.13	1575	43.95	1542	44.83	1508	45.72	1475	46.60	1442	47.30	1406	47.90	1365	48.59	1333	49.13
1200	1774	55.29	1758	55.81	1729	56.70	1699	57.67	1668	58.63	1637	59.60	1609	60.49	1579	61.28	1542	62.04	1512	62.63
1300	1924	70.21	1909	70.77	1883	71.74	1855	72.79	1826	73.83	1798	74.88	1772	75.85	1746	76.81	1714	77.84	1687	78.48
1400	2074	87.61	2060	88.21	2036	89.25	2010	90.38	1983	91.51	1957	92.64	1933	93.68	1909	94.72	1880	95.93	1858	96.89
1500	2224	107.7	2211	108.3	2188	109.4	2164	110.6	2139	111.9	2115	113.1	2092	114.2	2069	115.3	2043	116.6	2022	117.6

STATIC PRESS.	127 mmAq		140 mmAq		152 mmAq		165 mmAq		178 mmAq		191 mmAq		203 mmAq		216 mmAq		229 mmAq		254 mmAq		
	RPM	VOLUME (m ³ /min)	BHP (kW)																		
900	860.6	25.84	809.8	25.71	759.1	25.52	678.1	24.82	488.3	21.42											
1000	1065	35.95	1016	35.66	972.9	35.50	927.7	35.37	880.2	35.18	830.8	34.95	758.6	34.11	621.5	31.44					
1100	1284	49.24	1228	48.51	1177	47.89	1132	47.57	1089	47.32	1048	47.17	1010	47.03	966.0	46.81	921.1	46.56	779.2	44.50	
1200	1474	63.38	1439	64.08	1398	63.88	1346	63.08	1294	62.28	1252	61.90	1214	61.58	1176	61.38	1138	61.22	1064	60.84	
1300	1652	79.30	1620	80.06	1590	80.76	1558	81.52	1515	81.24	1468	80.37	1423	79.58	1380	78.94	1342	78.56	1272	78.03	
1400	1826	97.77	1796	98.58	1768	99.34	1738	100.2	1708	101.0	1678	101.8	1644	101.7	1599	100.8	1555	99.85	1477	98.48	
1500	1996	118.9	1969	119.9	1943	120.7	1915	121.5	1887	122.4	1859	123.3	1833	124.1	1805	125.0	1774	125.4	1694	123.5	

STATIC PRESS.	279 mmAq		305 mmAq		330 mmAq		356 mmAq		381 mmAq		406 mmAq		432 mmAq		457 mmAq		483 mmAq		508 mmAq		
	RPM	VOLUME (m ³ /min)	BHP (kW)																		
1200	984.4	60.31	833.6	57.45																	
1300	1206	77.70	1132	77.19	1059	76.62	914	73.29													
1400	1409	97.71	1344	97.31	1282	96.95	1213	96.36	1145	95.74	1020	92.49	740	79.65							
1500	1615	121.6	1549	120.7	1487	120.0	1427	119.6	1369	119.2	1306	118.6	1240	117.9	1137	115.1	974	108.6			

- Class Grade : Class 1 / Class 2 / Class 3

- Performance certified is for installation type-B (Free inlet, Ducted outlet)

- Performance ratings do not include the effects of appurtenances (accessories)

- Power rating(kW) does not include transmission losses

D51SW 542 SIZE

OUTLET AREA 1.5272 m²

STATIC PRESS.	6 mmAq		13 mmAq		25 mmAq		38 mmAq		51 mmAq		64 mmAq		76 mmAq		88 mmAq		102 mmAq		113 mmAq	
	RPM	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)																
900	1773	38.00	1748	38.52	1707	39.42	1662	40.39	1617	41.36	1568	42.18	1521	42.82	1474	43.47	1412	43.85	1348	43.17
1000	1974	52.01	1952	52.59	1915	53.59	1874	54.66	1834	55.74	1793	56.82	1753	57.67	1711	58.39	1661	59.23	1622	59.89
1100	2175	69.11	2155	69.75	2121	70.84	2084	72.03	2048	73.21	2011	74.40	1977	75.49	1942	76.50	1896	77.43	1861	78.15
1200	2376	89.61	2358	90.31	2326	91.50	2293	92.79	2259	94.09	2225	95.38	2194	96.57	2163	97.77	2126	99.12	2094	99.92
1300	2576	113.8	2559	114.6	2531	115.9	2500	117.3	2468	118.7	2437	120.1	2409	121.4	2380	122.7	2346	124.2	2320	125.3
1400	2776	142.0	2761	142.9	2734	144.3	2705	145.8	2676	147.3	2647	148.8	2621	150.2	2594	151.6	2563	153.2	2539	154.5

STATIC PRESS.	127 mmAq		140 mmAq		152 mmAq		165 mmAq		178 mmAq		191 mmAq		203 mmAq		216 mmAq		229 mmAq		254 mmAq	
	RPM	VOLUME (m ³ /min)	BHP (kW)	VOLUME (m ³ /min)																
900	1272	42.48	1211	42.13	1160	41.97	1105	41.81	1045	41.56	984.9	41.29	882.6	39.96	654.4	34.81				
1000	1563	60.08	1495	59.19	1433	58.41	1379	58.03	1326	57.71	1276	57.53	1230	57.37	1177	57.10	1123	56.80	953.6	54.37
1100	1816	79.08	1774	79.94	1728	80.09	1665	79.11	1603	78.13	1549	77.52	1504	77.12	1456	76.80	1411	76.61	1323	76.19
1200	2052	100.9	2014	101.9	1978	102.7	1940	103.7	1897	104.2	1840	103.1	1788	102.2	1730	101.1	1684	100.6	1598	99.76
1300	2283	126.6	2248	127.6	2215	128.5	2180	129.6	2144	130.6	2108	131.6	2076	132.5	2027	131.9	1974	130.7	1873	128.5
1400	2507	156.1	2478	157.5	2447	158.5	2414	159.6	2381	160.7	2348	161.8	2318	162.8	2285	163.9	2252	165.0	2170	164.4

STATIC PRESS.	279 mmAq		305 mmAq		330 mmAq		356 mmAq		381 mmAq		406 mmAq		432 mmAq		457 mmAq		483 mmAq		508 mmAq		
	RPM	VOLUME (m ³ /min)	BHP (kW)																		
1100	1228	75.55	1066	72.71																	
1200	1519	99.35	1434	98.84	1347	98.14	1209	95.50	930	85.15											
1300	1792	127.5	1711	126.7	1638	126.3	1560	125.7	1479	125.0	1383	123.4	1223	119.0	832	98.88					
1400	2075	162.0	1985	160.0	1910	159.0	1837	158.2	1768	157.7	1700	157.3	1622	156.4	1548	155.6	1420	151.9	1261	146.1	

- Class Grade : Class 1 / Class 2 / Class 3

- Performance certified is for installation type-B (Free inlet, Ducted outlet)

- Performance ratings do not include the effects of appurtenances (accessories)

- Power rating(kW) does not include transmission losses

D51SW 600 SIZE

OUTLET AREA 1.8719 m²

STATIC PRESS.	6 mmAq		13 mmAq		25 mmAq		38 mmAq		51 mmAq		64 mmAq		76 mmAq		88 mmAq		102 mmAq		113 mmAq	
RPM	VOLUME (m ³ /min)	BHP (kW)																		
900	2407	62.89	2380	63.60	2334	64.81	2284	66.12	2234	67.43	2185	68.75	2135	69.78	2083	70.65	2021	71.68	1973	72.48
1000	2679	86.11	2655	86.89	2613	88.24	2569	89.70	2524	91.16	2479	92.62	2438	93.97	2395	95.24	2340	96.38	2297	97.27
1100	2951	114.5	2929	115.3	2891	116.8	2850	118.4	2810	120.0	2769	121.6	2731	123.1	2694	124.6	2650	126.3	2611	127.3
1200	3222	148.4	3202	149.4	3168	151.0	3130	152.8	3093	154.5	3056	156.3	3021	157.9	2987	159.5	2947	161.4	2915	162.9

STATIC PRESS.	127 mmAq		140 mmAq		152 mmAq		165 mmAq		178 mmAq		191 mmAq		203 mmAq		216 mmAq		229 mmAq		254 mmAq	
RPM	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m^{3}/min)	BHP (kW)	VOLUME (m ³ /min)	BHP (kW)
900	1899	72.55	1815	71.46	1740	70.58	1674	70.11	1609	69.75	1548	69.53	1492	69.33	1426	68.99	1359	68.61	1142	65.40
1000	2242	98.41	2191	99.47	2138	99.96	2062	98.76	1986	97.55	1918	96.68	1863	96.20	1804	95.74	1749	95.50	1643	95.04
1100	2561	128.6	2515	129.8	2472	130.8	2425	132.0	2379	133.2	2314	132.3	2251	131.1	2182	129.8	2119	128.8	2014	127.7
1200	2873	164.6	2831	165.9	2791	167.0	2749	168.3	2706	169.6	2663	170.8	2624	172.0	2580	173.1	2517	171.6	2395	168.8

STATIC PRESS.	279 mmAq		305 mmAq		330 mmAq		356 mmAq		381 mmAq		406 mmAq		432 mmAq		457 mmAq		483 mmAq		508 mmAq	
RPM	VOLUME (m ³ /min)	BHP (kW)																		
1000	1527	94.24	1345	91.24	894.6	75.70														
1100	1917	127.1	1817	126.5	1712	125.7	1584	124.0	1383	119.1										
1200	2287	166.9	2187	165.6	2098	165.0	2006	164.4	1913	163.6	1816	162.7	1667	159.2	1463	152.5				

- Class Grade : Class 1 / Class 2 / Class 3

- Performance certified is for installation type-B (Free inlet, Ducted outlet)

- Performance ratings do not include the effects of appurtenances (accessories)

- Power rating(kW) does not include transmission losses