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Since specifications of products can be changed without inform in order to improve the quality, please call us to confirm them.



No.1 Fan & Blower
<http://www.drair.co.kr>

자연과 환경, 그리고 사람을 생각하는 브랜드

DR 환기송풍기 MIXED FLOW FAN DR-FIL/GIL series

July 2025 (Rev.01)



 **대륜산업주식회사**
Dae Ryun Ind. Co., Ltd.

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Dae Ryun Ind. Co., Ltd.

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형상

MIXED FLOW TYPE(사류형)

특징

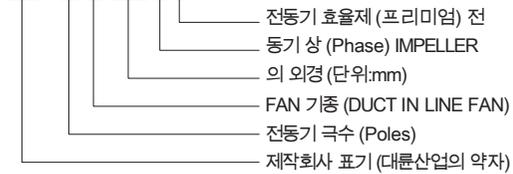
- 최적 설계의 케이스 일체형으로 소음과 진동을 최소화
- 저소음(소음재 부착 가능)
- 효율성 극대화
- 내식성 증가를 위한 날개 전착도장

용도

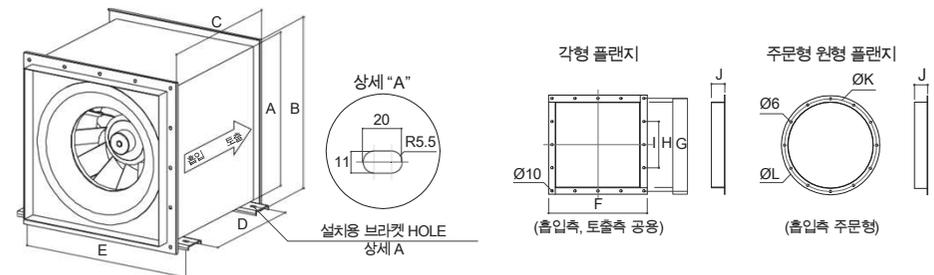
- 빌딩, 아파트, 지하상가, 공장, 창고 등의 공조설비용
- 일반환기, 공기조화, 냉난방 송풍 및 급배기 시스템
- 기타 국소부위 배기, 환기설비

송풍기의 모델명 읽는 방법 예시

모델명 : DR - G IL 700 T P



외형도 및 규격표



단위: mm

MODEL No.	A	B	C	D	E	F	G	H	I	J	K	L
DR-FIL550TP	700	760	700	576	765	760	724	694	362	60	600	620
DR-GIL600TP												
DR-GIL700TP	800	860	800	610	865	860	824	794	412	60	700	720

Dae-Ryun Ind. Co., LTD

DR-FIL Series

Model : DR-FIL550TP

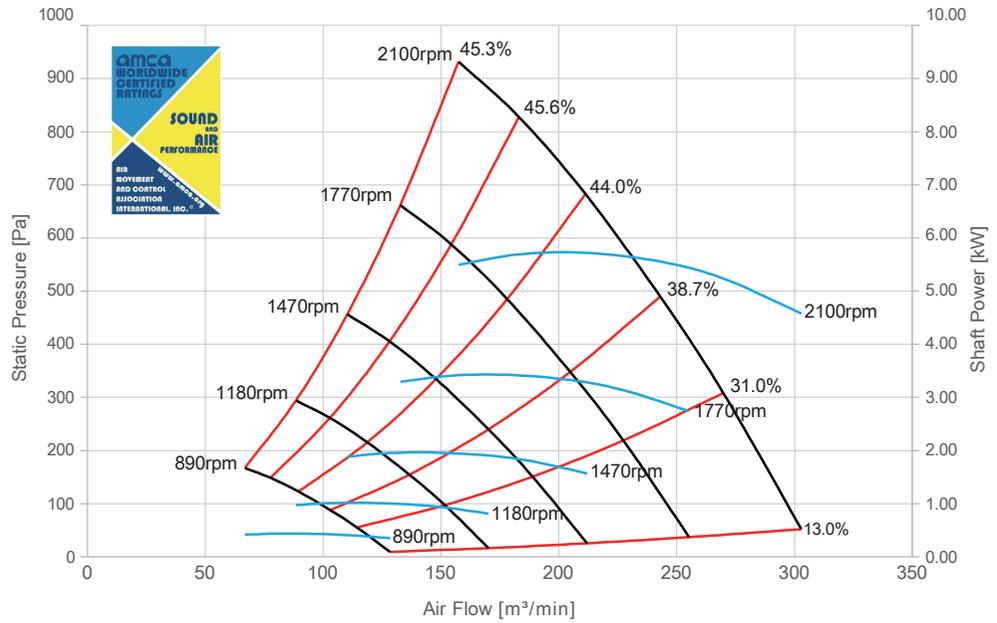
Wheel DIA : 600 mm

Outlet Dim : 760 x 760 mm

Outlet Area : 0.482 m²

Det.	N							Det.	N						
	[r/min]	Pt [Pa]	Ps [Pa]	Q [m ³ /min]	H [kW]	EtaT [%]	EtaS [%]		LwA [dB]	[r/min]	Pt [Pa]	Ps [Pa]	Q [m ³ /min]	H [kW]	EtaT [%]
1	21	9	128	0.35	13.0	5.7	79	1	37	16	170	0.81	13.0	5.7	86
	2	65	55	114	0.40	31.0	26.5	2	114	97	152	0.93	31.0	26.5	85
	3	96	88	103	0.42	38.7	36.6	3	168	155	137	0.99	38.7	36.6	84
	4	128	123	90	0.44	44.0	42.0	4	226	216	119	1.01	44.0	42.0	83
	5	153	149	78	0.43	45.6	44.3	5	269	261	103	1.01	45.6	44.3	82
	6	171	167	67	0.42	45.3	44.5	6	300	294	88	0.98	45.3	44.5	82
2	58	26	212	1.57	13.0	5.7	91	1	84	37	255	2.74	13.0	5.7	96
	177	151	189	1.80	31.0	26.5	90	2	256	219	227	3.14	31.0	26.5	95
	261	240	170	1.91	38.7	36.6	90	3	378	348	205	3.33	38.7	36.6	94
	350	335	148	1.96	44.0	42.0	89	4	508	485	178	3.43	44.0	42.0	93
	417	406	128	1.95	45.6	44.3	88	5	605	588	154	3.41	45.6	44.3	92
	465	457	110	1.89	45.3	44.5	87	6	675	662	133	3.29	45.3	44.5	92
3	118	52	303	4.58	13.0	5.7	100								
	360	308	270	5.24	31.0	26.5	99								
	532	490	243	5.56	38.7	36.6	99								
	715	683	211	5.72	44.0	42.0	98								
	852	828	183	5.69	45.6	44.3	97								
	950	932	157	5.50	45.3	44.5	96								

- The A-Weighted sound ratings shown have been calculated per AMCA International Standard 301
- Values shown are for inlet LwA sound power levels for installation type B - free inlet, ducted outlet.
- 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



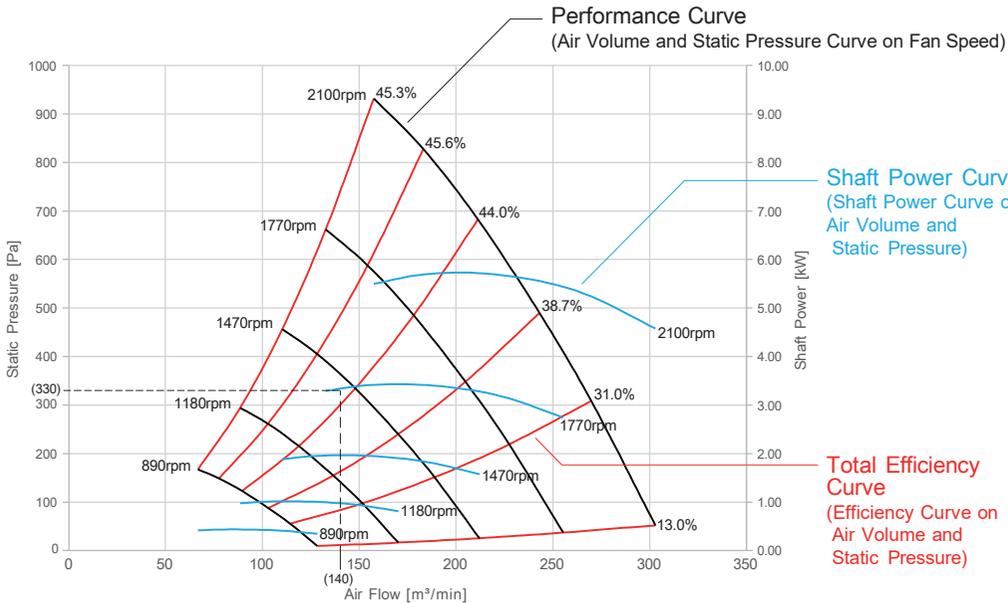
대륜산업(주)가 획득한 DR-FIL/GIL SERIES MIXED FLOW FAN의 AMCA seal에 대한 내용입니다. 등급표시는 AMCA 211과 AMCA 311에 의거 테스트 및 절차에 따른 것이며, AMCA 보증프로그램의 요구사항과 일치합니다.

Dae-Ryun Ind. Co., Ltd. certifies that the DR-FIL/GIL SERIES MIXED FLOW 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 AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



송풍기의 성능곡선 읽는 방법 예시

Air Volume	Static Pressure	Fan speed	Shaft Power	Total Efficiency
140CMM	330Pa	1470rpm	2Kw	44%



Dae-Ryun Ind. Co., LTD

DR-GIL Series

Model : DR-GIL600TP

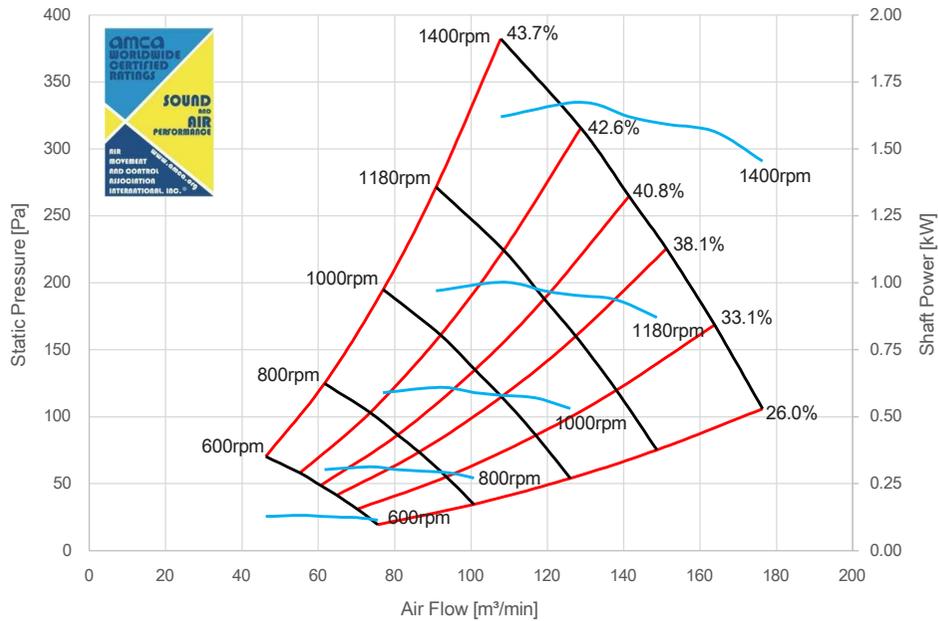
Wheel DIA : 600 mm

Outlet Dim : 760 x 760 mm

Outlet Area : 0.482 m²

Det	N							Det	N										
	[r/min]	Pt [Pa]	Ps [Pa]	Q [m ³ /min]	H [kW]	EtaT [%]	EtaS [%]		LwA [dB]	[r/min]	Pt [Pa]	Ps [Pa]	Q [m ³ /min]	H [kW]	EtaT [%]	EtaS [%]	LwA [dB]		
1	24	19	76	0.12	26.0	21.5	69	1	42	35	101	0.27	26.0	21.5	76				
	35	31	70	0.13	33.1	29.8	68		2	62	55	93	0.29	33.1	29.8	76			
	44	41	65	0.13	38.1	35.5	67			3	79	73	86	0.30	38.1	35.5	75		
	51	49	60	0.13	40.8	38.7	68				4	91	87	81	0.30	40.8	38.7	75	
	60	58	55	0.13	42.6	41.0	68					5	107	103	73	0.31	42.6	41.0	75
	72	70	46	0.13	43.7	42.8	67						6	127	125	62	0.30	43.7	42.8
2	65	54	126	0.53	26.0	21.5	82	1						91	75	149	0.87	26.0	21.5
	96	86	117	0.57	33.1	29.8	81		2					134	120	138	0.93	33.1	29.8
	123	115	108	0.58	38.1	35.5	81			3				171	159	127	0.95	38.1	35.5
	143	135	101	0.59	40.8	38.7	81				4			199	188	119	0.96	40.8	38.7
	167	161	92	0.61	42.6	41.0	81					5		233	225	108	0.99	42.6	41.0
	199	195	77	0.59	43.7	42.8	80						6	277	271	91	0.96	43.7	42.8
3	128	106	176	1.46	26.0	21.5	91	1						128	106	176	1.46	26.0	21.5
	188	169	163	1.55	33.1	29.8	90		2					188	169	163	1.55	33.1	29.8
	241	224	151	1.59	38.1	35.5	90			3				241	224	151	1.59	38.1	35.5
	279	265	141	1.62	40.8	38.7	90				4			279	265	141	1.62	40.8	38.7
	328	316	128	1.65	42.6	41.0	90					5		328	316	128	1.65	42.6	41.0
	390	382	108	1.61	43.7	42.8	89						6	390	382	108	1.61	43.7	42.8

- The A-Weighted sound ratings shown have been calculated per AMCA International Standard 301
- Values shown are for inlet LwA sound power levels for installation type B - free inlet, ducted outlet.
- 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



Dae-Ryun Ind. Co., LTD

DR-GIL Series

Model : DR-GIL700TP

Wheel DIA : 700 mm

Outlet Dim : 860 x 860 mm

Outlet Area : 0.630 m²

Det	N							Det	N										
	[r/min]	Pt [Pa]	Ps [Pa]	Q [m ³ /min]	H [kW]	EtaT [%]	EtaS [%]		LwA [dB]	[r/min]	Pt [Pa]	Ps [Pa]	Q [m ³ /min]	H [kW]	EtaT [%]	EtaS [%]	LwA [dB]		
1	18	11	130	0.26	14.8	9.0	74	1	32	19	173	0.62	14.8	9.0	81				
	40	34	118	0.28	27.8	23.7	73		2	71	60	157	0.67	27.8	23.7	80			
	62	57	104	0.30	36.3	33.6	72			3	110	102	139	0.70	36.3	33.6	79		
	80	77	91	0.30	40.7	38.9	71				4	142	136	121	0.71	40.7	38.9	79	
	89	86	83	0.30	41.7	40.4	71					5	159	154	110	0.70	41.7	40.4	78
	98	96	74	0.29	42.2	41.2	71						6	175	171	98	0.68	42.2	41.2
2	50	30	217	1.22	14.8	9.0	87	1						69	42	255	2.00	14.8	9.0
	110	94	196	1.30	27.8	23.7	86		2					154	131	232	2.14	27.8	23.7
	171	159	174	1.37	36.3	33.6	85			3				239	221	205	2.25	36.3	33.6
	222	213	152	1.38	40.7	38.9	84				4			309	296	179	2.27	40.7	38.9
	248	240	138	1.37	41.7	40.4	84					5		345	334	163	2.25	41.7	40.4
	273	266	123	1.32	42.2	41.2	84						6	380	371	145	2.17	42.2	41.2
3	98	59	303	3.34	14.8	9.0	96	1						98	59	303	3.34	14.8	9.0
	216	184	275	3.57	27.8	23.7	95		2					216	184	275	3.57	27.8	23.7
	336	311	244	3.76	36.3	33.6	94			3				336	311	244	3.76	36.3	33.6
	436	417	212	3.79	40.7	38.9	93				4			436	417	212	3.79	40.7	38.9
	486	470	193	3.75	41.7	40.4	93					5		486	470	193	3.75	41.7	40.4
	535	522	172	3.63	42.2	41.2	93						6	535	522	172	3.63	42.2	41.2

- The A-Weighted sound ratings shown have been calculated per AMCA International Standard 301
- Values shown are for inlet LwA sound power levels for installation type B - free inlet, ducted outlet.
- 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

