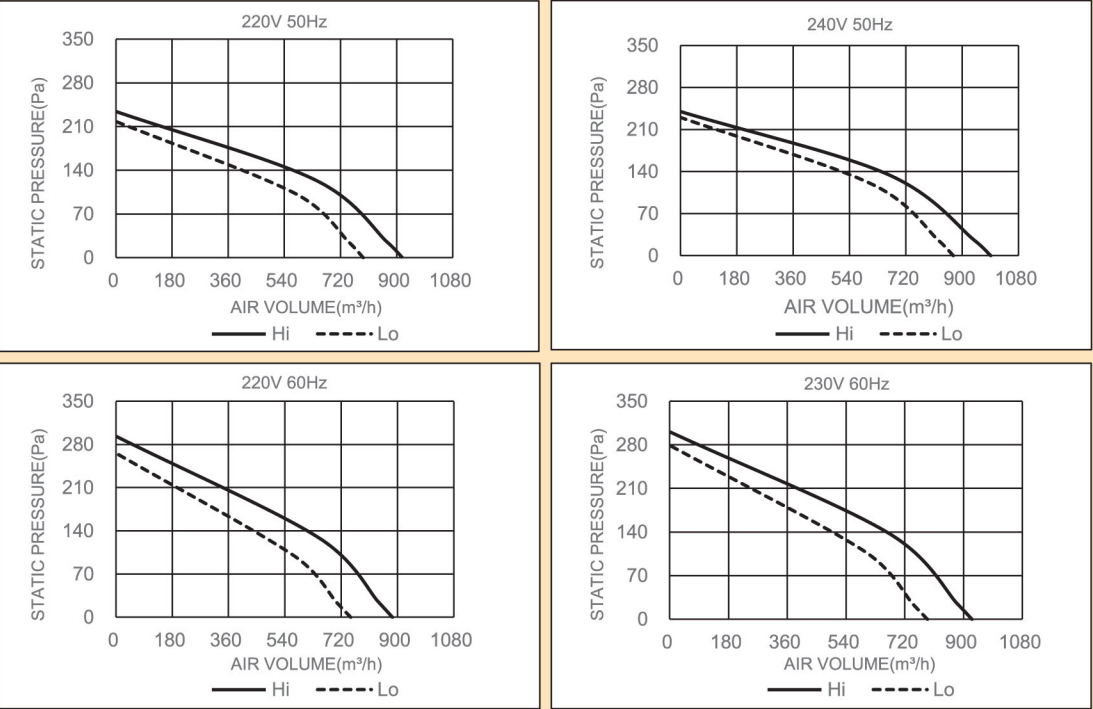
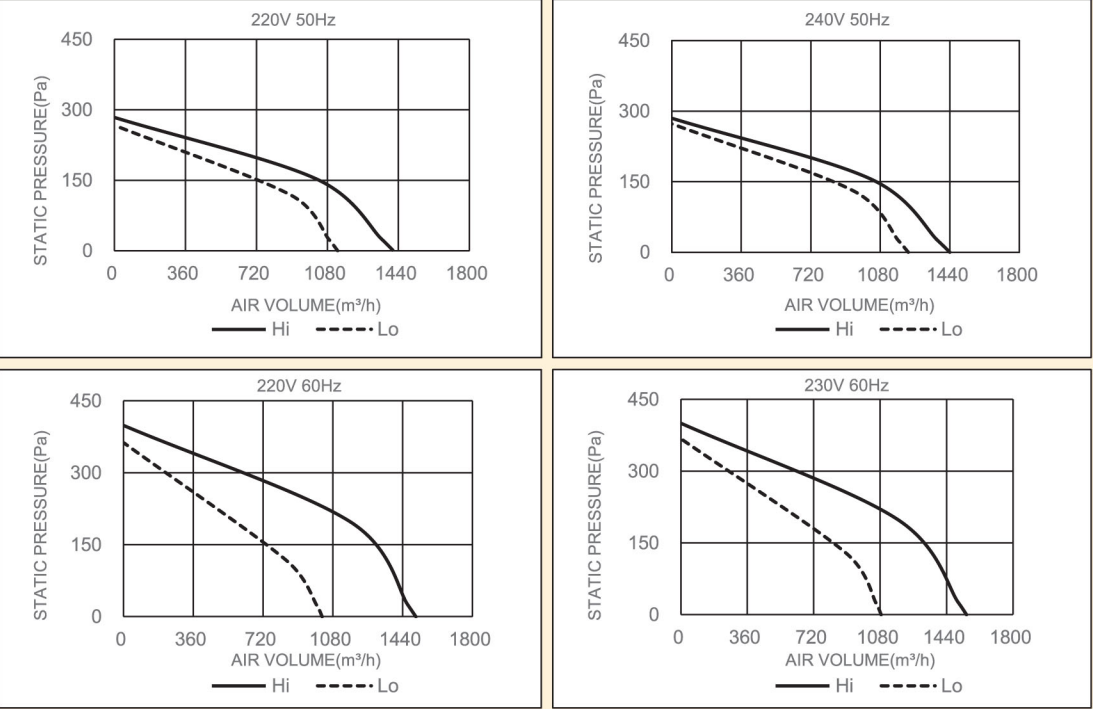


19CGB



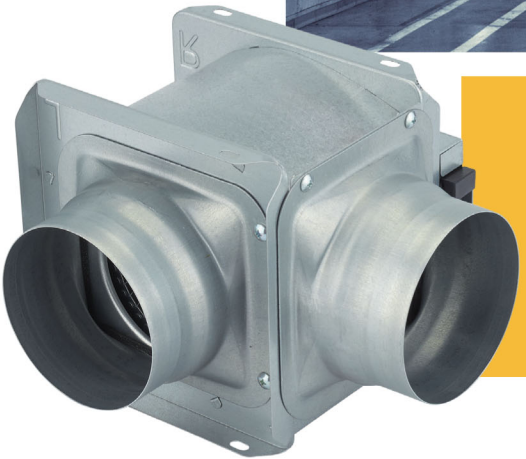
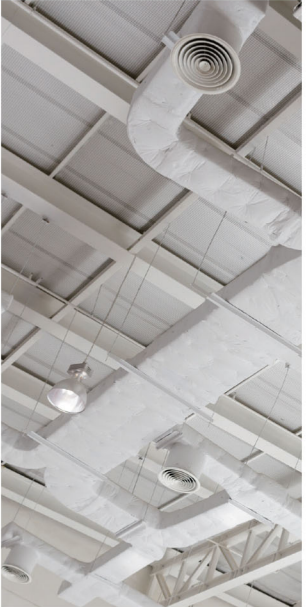
21CGB



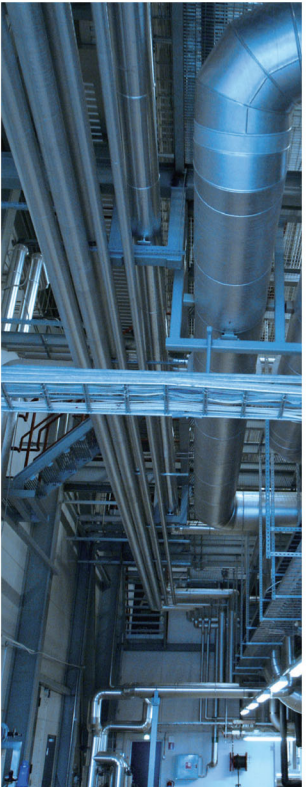
SINCE 1909
JAPAN

Mini Sirocco Fan

Compact Solution for Fresher Indoor Air



Compact
Enhanced Connectivity
Simplified Maintenance



KDK Company, Division of PES
4017, Takaki-cho, Kasugai, Aichi, Japan
<http://kdk.jp>

• Actual colors may vary slightly from those shown.
• Specifications are subject to change without prior notice.

CATALOG NO: K-AME004

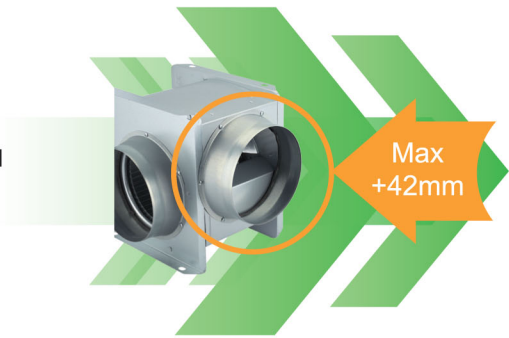
07.2023

More Compact

With the optimal air passage design, the body size is compact. It enables easy installation in narrow and limited space environment.

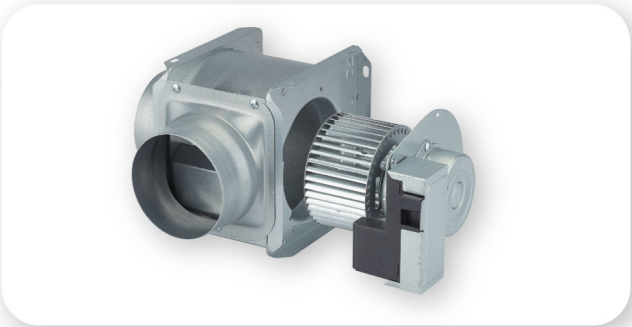
Higher Duct Connectivity

After the improvement on the adapter design, the duct connectivity is enhanced with the extended adapter.



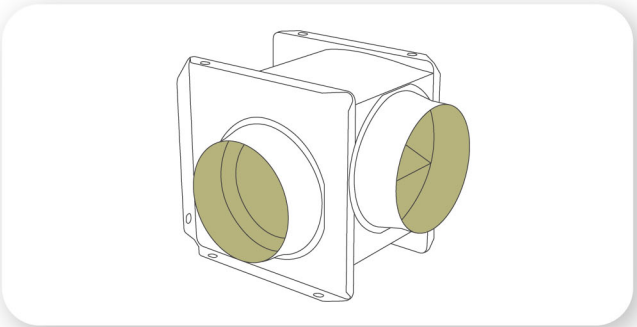
Simplified Maintenance

By unitizing the fan and motor as one single unit, the impeller can be replaced and cleaned without removing the duct. It facilitates more user-friendly maintenance.

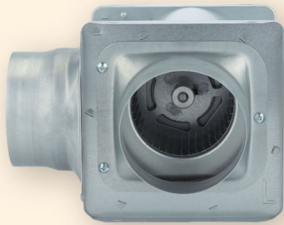


Easy Installation

The inlet and outlet of the sirocco fan are of the same size for easy connection to a ducted system. The fan can be mounted on the ceiling.



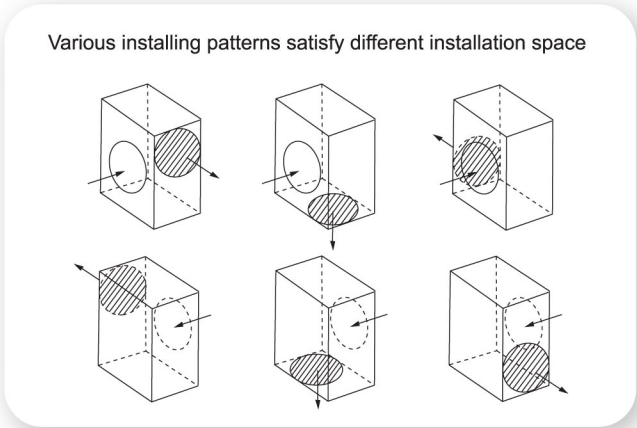
10CGB / 12CGB / 14CGB / 16CGB / 17CGB / 19CGB / 21CGB



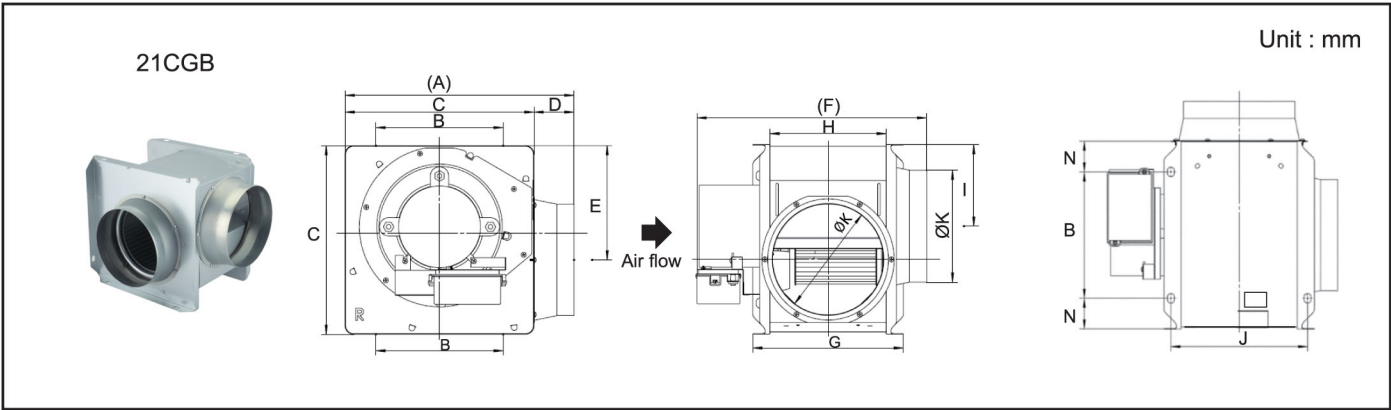
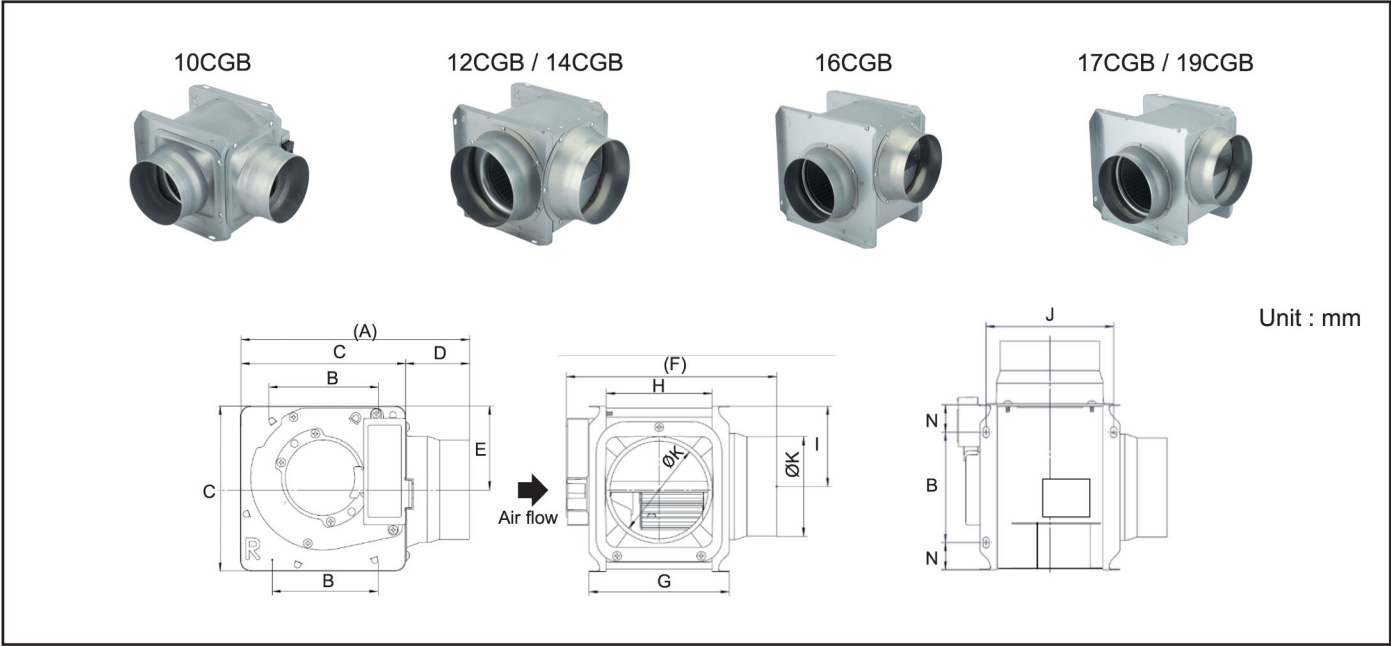
- Forward Curve Fan
- Galvanized Steel
- Motor IP Rating: Class E for 10CGB, 12CGB, 14CGB, 16CGB, 17CGB & 19CGB and Class F for 21CGB
- Insulation class: IPX2
- Compact size for narrow space installation
- Extended adapter for high duct connectivity
- Long life induction motor with thermal cut-off
- Well lubricated ball bearing for long life operation
- High efficient sirocco fan designed for powerful airflow
- Outlet direction adjustable to vertical or horizontal position

Adjustable Outlet Direction

With the mounting feet on the fan body, installation has become easier. Outlet direction is adjustable to fit vertical or horizontal position.



Dimensions



Model	A	B	C	D	E	F	G	H	I	J	K	N	Connector Duct Dimension (mm)
10CGB	226	109	163	63	83	207	138	104	79	126	98	27	Ø100
12CGB	269	145	209	60	112	236	170	136	101	158	146	32	Ø150
14CGB													
16CGB	330	196	270	60	170	264	189	155	117	177	146	37	Ø150
17CGB	400	222	330	71	200	332	263	203	142	239	195	55	Ø200
19CGB													
21CGB	400	222	330	71	200	403	263	203	142	239	195	55	Ø200

Specification

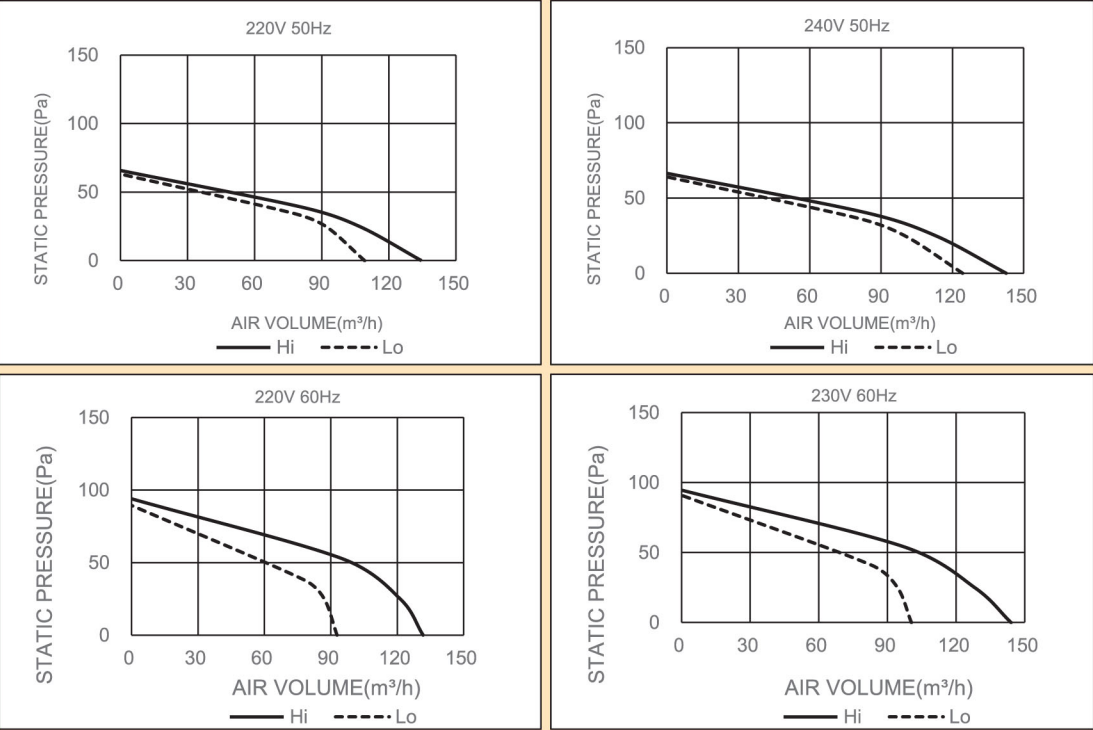
Model	Voltage [V]	Frequency [Hz]	Speed	Air Volume [CMH]	Consumption [W]	Noise Level [dB]		Net Weight [kg]
						Inlet	Side	
10CGB	220	50	Hi	154	15	41.0	28.0	1.9
			Lo	115	12	35.5	24.0	
		60	Hi	133	12	36.5	24.0	
			Lo	93	9	28.5	20.0	
	230	60	Hi	143	13	38.0	25.0	
			Lo	100	10	30.5	20.0	
	220-240	50	Hi	134-143	10-11	37.0-39.0	23.0-25.0	
			Lo	110-125	9-10	32.0-35.0	20.0-23.0	
12CGB	220	50	Hi	250	22	44.0	29.0	2.5
			Lo	175	16	32.0	19.0	
		60	Hi	225	25	42.5	29.0	
			Lo	145	18	32.0	21.0	
	230	60	Hi	242	27	44.0	30.0	
			Lo	153	19	34.0	21.5	
	220-240	50	Hi	233-262	23-28	44.5-46.5	29.0-32.0	
			Lo	156-175	19-23	33.0-36.0	18.0-20.0	
14CGB	220	50	Hi	332	35	50.0	34.0	2.8
			Lo	226	28	40.0	26.0	
		60	Hi	260	30	43.0	30.0	
			Lo	200	25	35.5	25.0	
	230	60	Hi	275	33	44.5	31.5	
			Lo	212	28	37.5	26.0	
	220-240	50	Hi	280-315	28-32	44.5-46.5	31.0-33.0	
			Lo	227-265	26-30	40.0-44.0	27.0-31.0	
16CGB	220	50	Hi	509	50	49.0	35.0	5.6
			Lo	405	43	43.5	30.0	
		60	Hi	483	57	48.0	32.0	
			Lo	372	44	41.0	27.0	
	230	60	Hi	503	61	49.0	34.5	
			Lo	393	48	42.5	29.0	
	220-240	50	Hi	509-542	50-56	49.0-51.5	35.0-38.0	
			Lo	405-450	43-48	43.5-46.0	30.0-32.0	

Specification

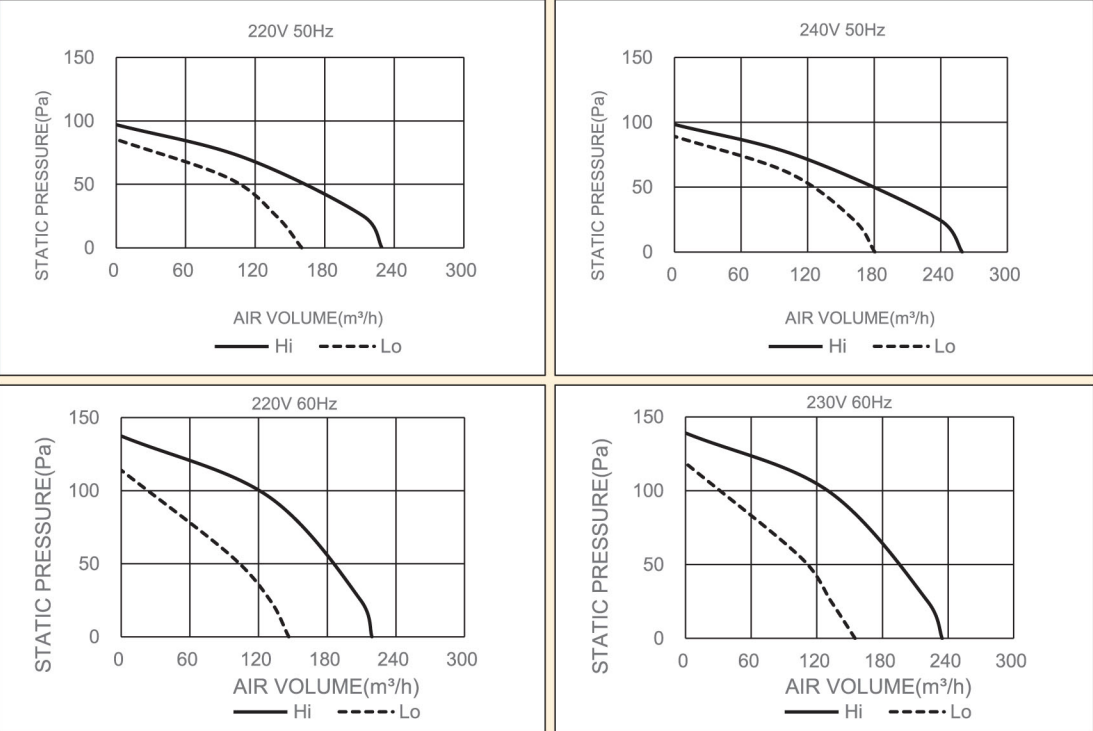
Model	Voltage [V]	Frequency [Hz]	Speed	Air Volume [CMH]	Consumption [W]	Noise Level [dB]		Net Weight [kg]
						Inlet	Side	
17CGB	220	50	Hi	791	86	50.0	36.0	10.1
			Lo	640	70	44.0	31.0	
		60	Hi	752	95	49.0	34.0	
			Lo	612	73	43.5	29.0	
	230	60	Hi	789	104	50.0	35.0	
			Lo	641	80	44.0	31.0	
	220-240	50	Hi	791-875	86-101	50.0-52.5	36.0-39.0	
			Lo	640-705	70-83	44.0-47.0	31.0-32.0	
19CGB	220	50	Hi	947	121	55.0	41.0	10.2
			Lo	857	105	51.5	37.0	
		60	Hi	885	127	52.0	39.0	
			Lo	760	107	48.0	37.0	
	230	60	Hi	931	140	53.5	40.0	
			Lo	791	117	49.5	36.5	
	220-240	50	Hi	919-997	113-130	52.0-54.0	40.0-42.0	
			Lo	804-880	99-115	50.0-52.0	38.0-40.0	
21CGB	220	50	Hi	1420	238	67.0	54.0	14.6
			Lo	1143	182	60.0	47.0	
		60	Hi	1500	328	68.0	57.0	
			Lo	1042	215	58.0	47.0	
	230	60	Hi	1550	342	69.0	57.5	
			Lo	1100	230	59.5	48.0	
	220-240	50	Hi	1420-1435	238-247	66.0-67.0	54.0-55.0	
			Lo	1143-1220	182-197	60.0-62.5	47.0-51.0	

Notes:
① The values of rated input, air volume and noise are specified at the static pressure of 0 Pa.
② The values of noise level is A weighted average sound pressure level, the mean values are measured by our company, within +3 and -7 tolerance.
③ The values of noise level are measured at the 1.5m apart from the inspection panel of the fan body when ducts are connected on both inlet and outlet side. It is based on the assumption that the noise of fan body propagates to room inside.
④ The values of air volume are the mid-points of results measured by our company, with ±10% tolerance.

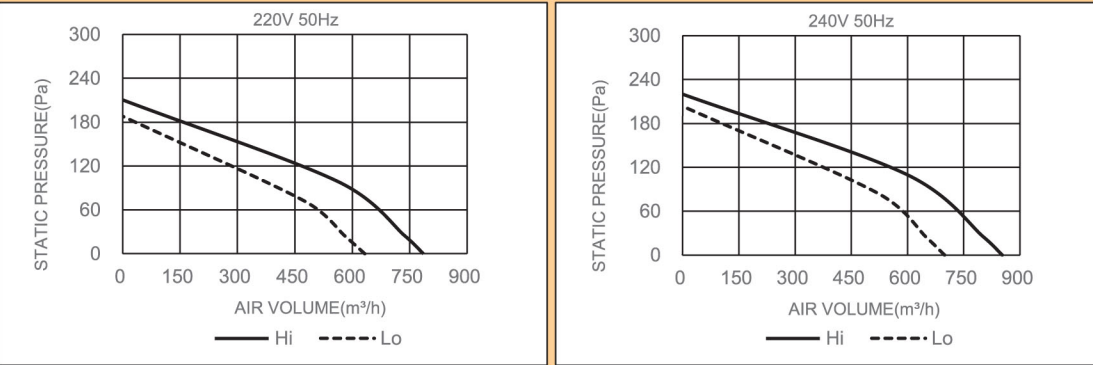
10CGB



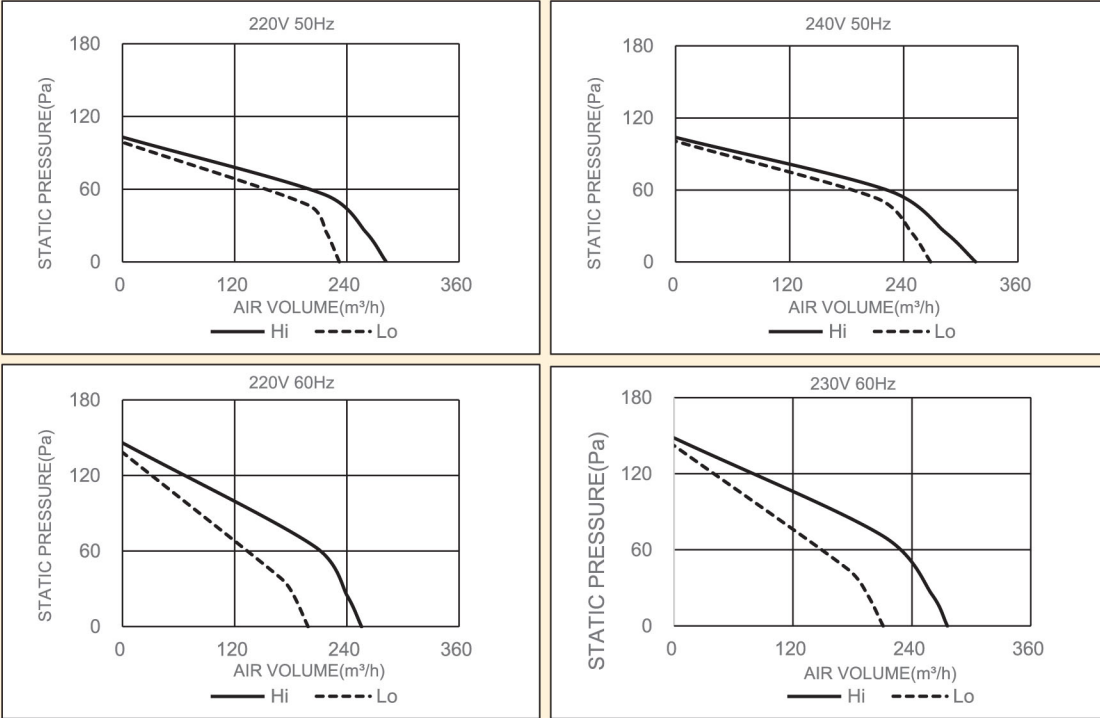
12CGB



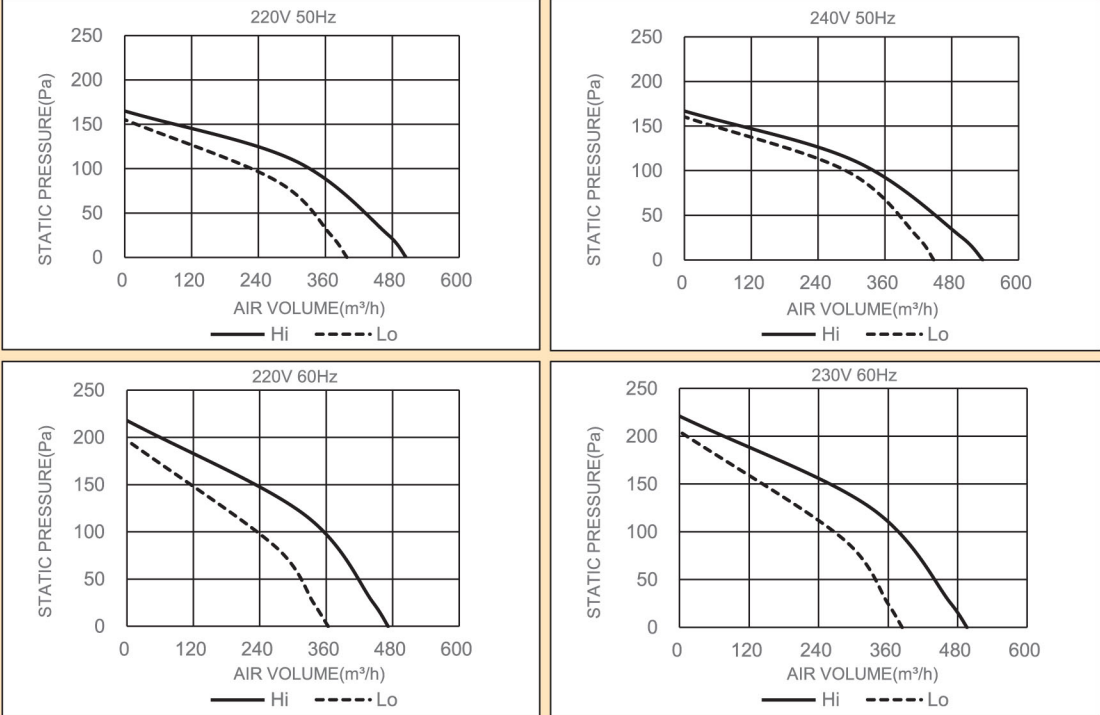
17CGB



14CGB



16CGB



17CGB

