










FOR OVERSEA MARKET(Thailand)

秘 Confidential
保存10年 Keep for 10Years

PRODUCT SPECIFICATION

MODEL No.	FV-10/12/14/16/17/19/21CG2
	4 Pages (Without cover)

QA Department	R&D Centre					
	Technical Regulation Department	Intellectual Property Department	Planning Department	Product Design Department		
Check	Check	Check	Check	Approval	Check	Make
 //	 //	 23/2/22	 23/2/22	 //	  //	 2023/1/30

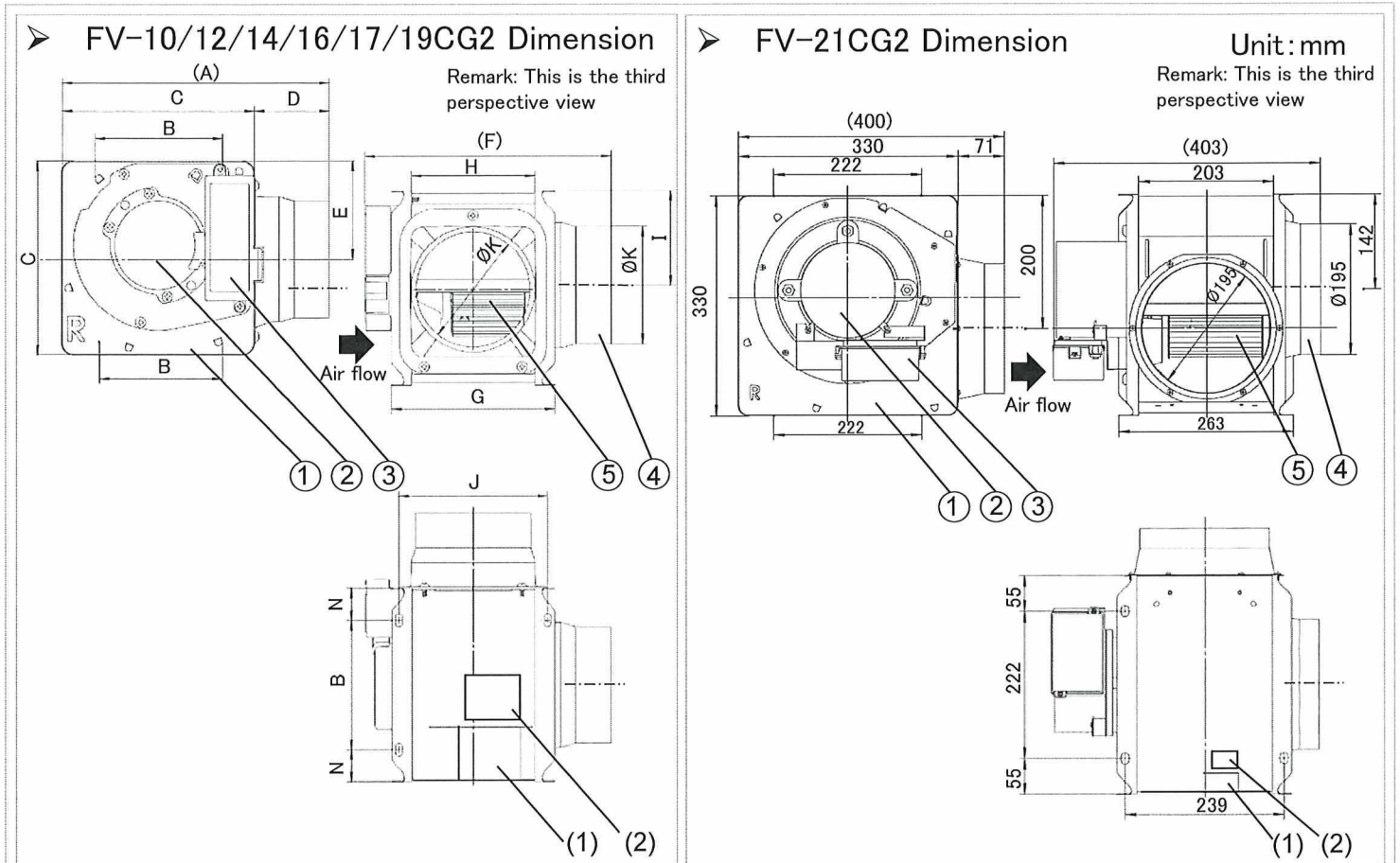
Sale and Planning Departments		
PESHK Promotion	IAQ BU Product Planning	OMC IAQ Div./ PESHK(HK/TW MKT)
Receive	Check	Check
 2023/2/23	//	//

Panasonic

Panasonic Ecology Systems Guangdong Co.,Ltd.

广东松下环境系统有限公司

External Dimensions



Unit: mm

Model	A	B	C	D	E	F	G	H	I	J	K	N	Connector Duct Dimension
FV-10CG2	226	109	163	63	83	207	138	104	79	126	98	27	ø100
FV-12CG2	269	145	209	60	112	236	170	136	101	158	146	32	ø150
FV-14CG2	269	145	209	60	112	236	170	136	101	158	146	32	ø150
FV-16CG2	330	196	270	60	170	264	189	155	117	177	146	37	ø150
FV-17CG2	400	222	330	71	200	332	263	203	142	239	195	55	ø200
FV-19CG2	400	222	330	71	200	332	263	203	142	239	195	55	ø200

➤ Labeling Position

Mark	Item	Comment
(1)	Name Plate	-
(2)	CPA Label	-

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CAB/F		Model		
		FV-10/12/14/16/17/19/21CG2		
Make Date	2023.01.05	Scale	Drawing No.	CAB23001
Modification Date		Free	Modification No.	
Panasonic Ecology Systems Guangdong Co., Ltd.				

■ Component Parts List

➤ Parts List

FV-10/12/14/16/17/19CG2

Mark	Part Name	Material	Quantity	Comment
①	Fan Casing	Metal	1	-
②	Motor	-	1	-
③	Condenser Box Cover	Metal	1	-
④	Adaptor	Metal	2	-
⑤	Blade	Metal	1	-

FV-21CG2

Mark	Part Name	Material	Quantity	Comment
①	Fan Casing	Metal	1	-
②	Motor	-	1	-
③	Condenser Box Cover	Plastic	1	-
④	Adaptor	Metal	2	-
⑤	Blade	Metal	1	-

➤ Accessory List

Item	Quantity	Comment (usage)
Instruction	1	-

■ Authentication Information

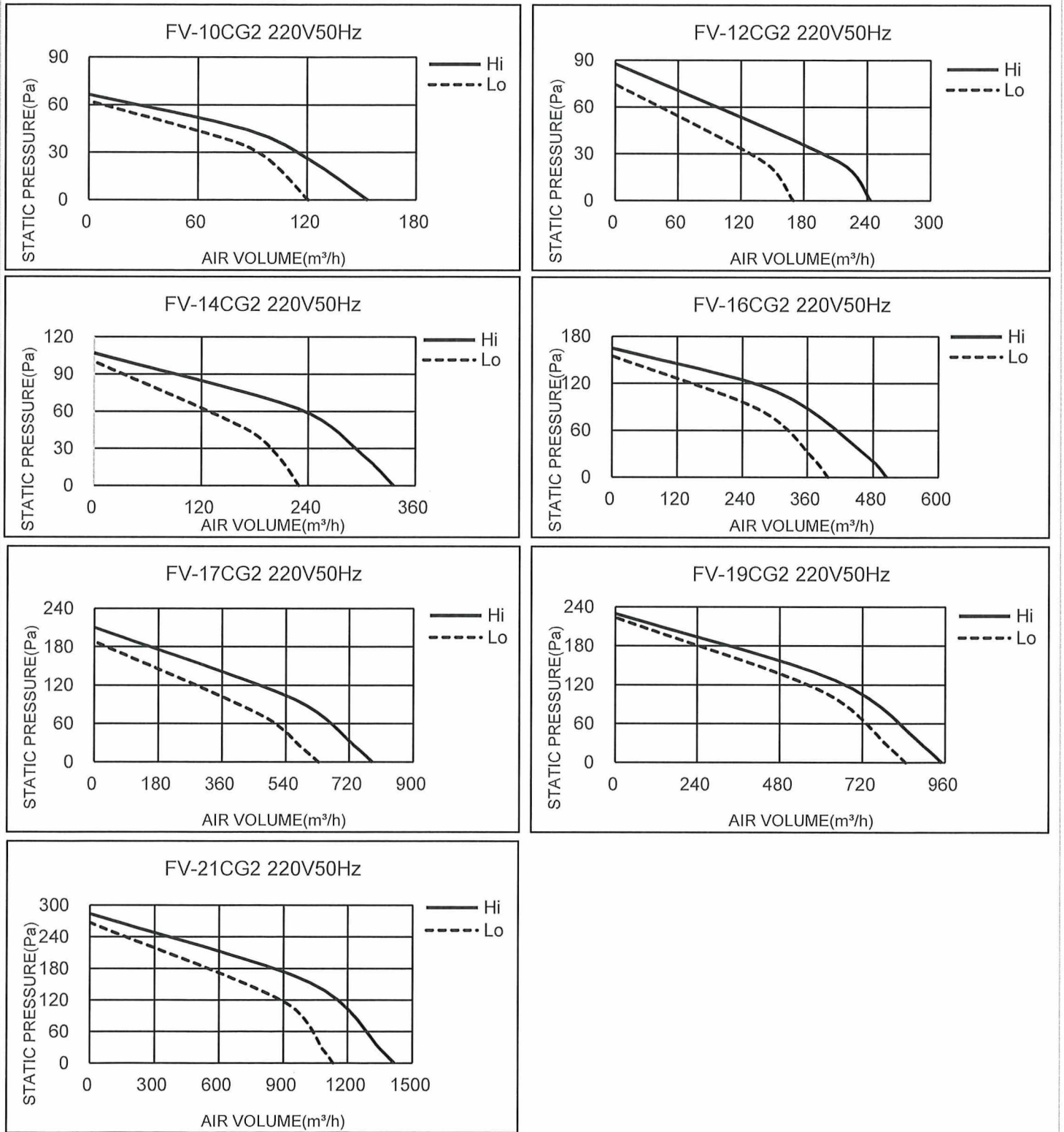
➤ Type of certification

TIS

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■ Specification Data

➤ P-Q Characteristic



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Product			Model	
CAB/F			FV-10/12/14/16/17/19/21CG2	
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Modification Date		Free	Modification No.	
Panasonic Ecology Systems Guangdong Co., Ltd.				

■ Specification Data

➤ Feature specification table

Power Rating V/Hz	220V/50Hz														
Model	FV-10CG2		FV-12CG2		FV-14CG2		FV-16CG2		FV-17CG2		FV-19CG2		FV-21CG2		
Speed	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	Hi	Lo	
Air Volume (m ³ /h) (±10%)	154	115	250	175	332	226	509	405	791	640	947	857	1420	1143	
Noise(dB) (+3dB,-7dB)	Inlet	41	35.5	44	32	50	40	49	43.5	50	44	55	51.5	67	60
	Side	28	24	29	19	34	26	35	30	36	31	41	37	54	47
Power(W)(±20%)	15	12	22	16	35	28	50	43	86	70	121	105	238	182	
Net Weight(kg)	1.9		2.5		2.8		5.6		10.1		10.2		14.6		
Motor Type	AC Motor / Class E												AC Motor / Class F		
Insulation Resistance	More than 10MΩ														
Electric Strength	It can withstand 1500V AC in 1 minute.														
IP Code	IPX2														
Operating Temperature	-10~40°C														

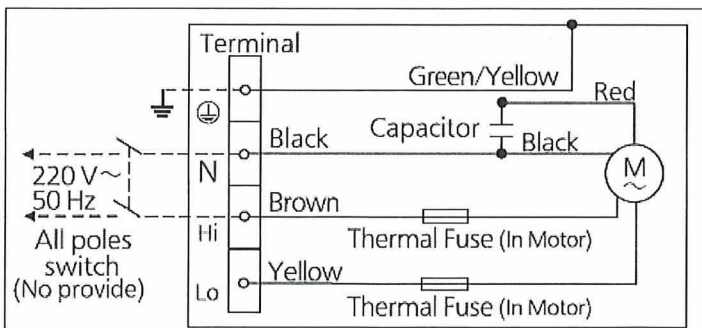
Notes:

- 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 value are measured by our company, within +3 and -7 tolerance.
- ③ The values of noise level are measured at the 1.5 m apart from the inspection panel of the fan body when ducts are connected on both inlet and outlet side. It is 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.

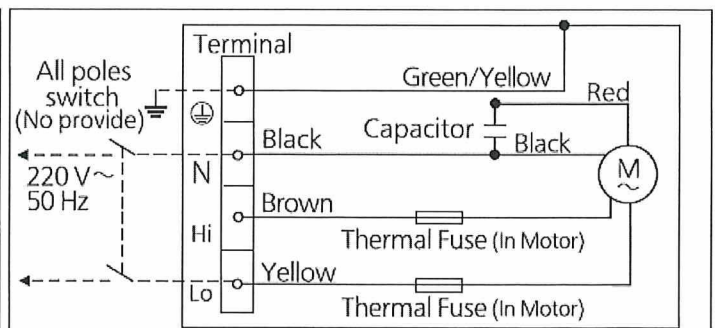
➤ Wiring diagram

FV-10/12/14/16/17/19/21CG2 wiring diagram

High Notch



Low Notch



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