

AC Axial Fan

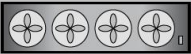
Air flow (CFM)	20	40	60	80	100	200	300	600	800	1000
Frame size										
□ 60mm										
□ 80mm										
□ 92mm										
□ 120mm										
Ø 150mm										
Ø 172mm										
□ 225mm										
Ø 254mm										
□ 280mm										

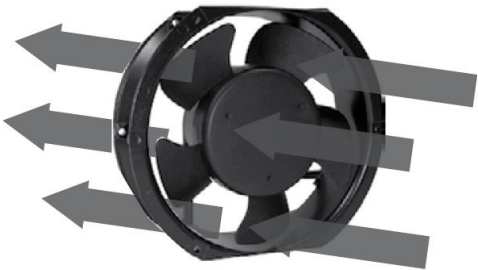
Application

Machine ventilator

Home appliance

Ventilator





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60

IG series

x60x25mm



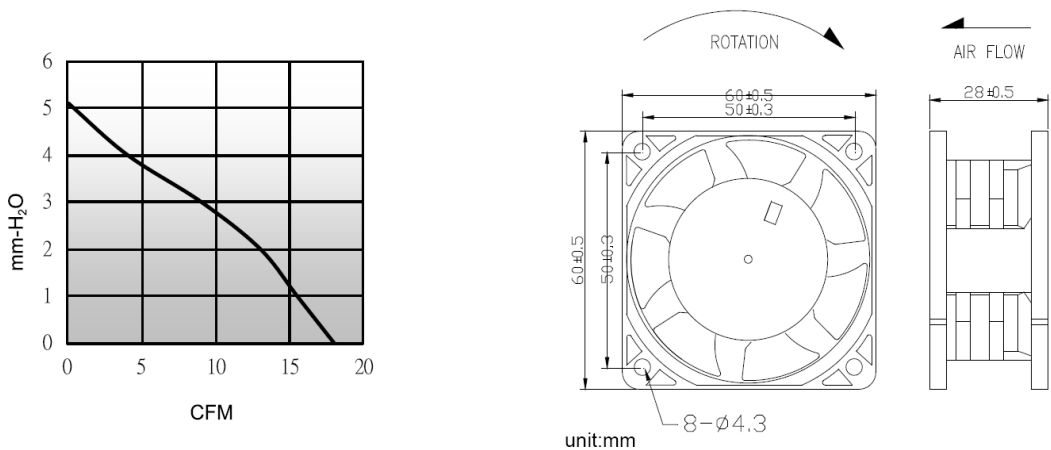
■ General Specifications

- Motor : EC motor
- Frame & Impeller : PBT plastic
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

■ Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
IGF06025_1H	B	110	50/60	3.6	4300	0.51	18.0	5.1	0.20	32	0.26
IGF06025_2H	B	230	50/60	4.5	4300	0.51	18.0	5.1	0.15	32	0.26

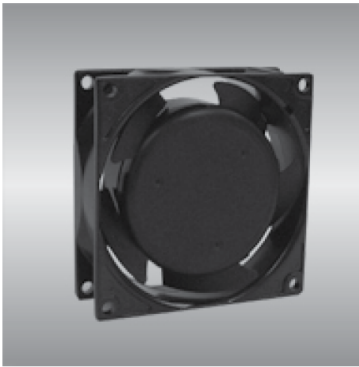
*Bearing system B: Two Ball Bearing F: Fluid Bearing S: Sleeve Bearing



80

IG series

x80x25mm



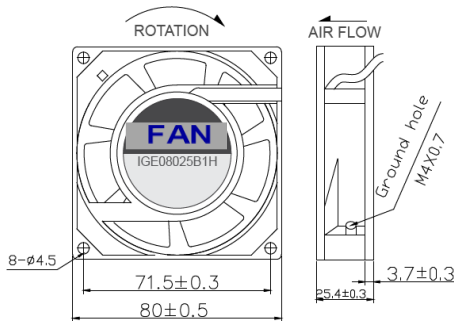
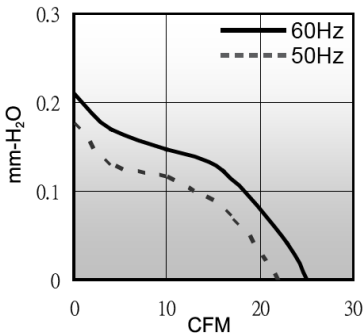
General Specifications

- Motor : Shaded pole AC motor
- Frame & Impller : Al Die-casting & PBT plastic
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
IGE08025_1H	B / S	110	50/60	13/11	2500/3000	0.62/0.71	22/25	4.5/5.3	0.18/0.21	28/29	0.26
IGE08025_2H	B / S	230	50/60	13/11	2500/3000	0.62/0.71	22/25	4.5/5.3	0.18/0.21	28/29	0.26

*Bearing system B: Two Ball Bearing F: Fluid Bearing S: Sleeve Bearing



unit:mm

80

IG series

x80x25mm



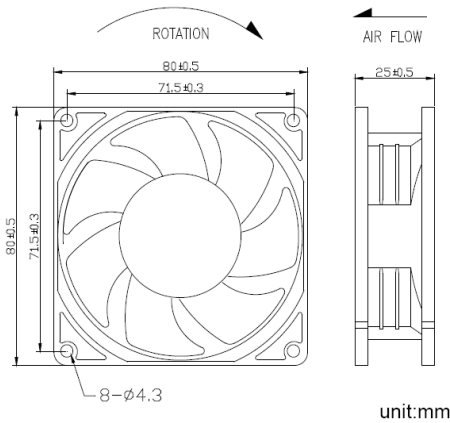
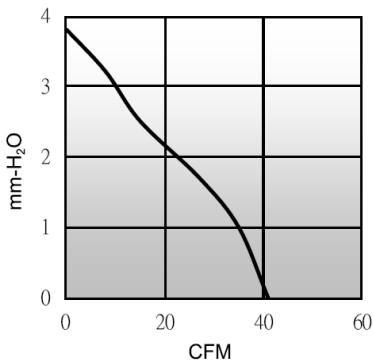
General Specifications

- Motor : EC motor
- Frame & Impller : PBT plastic
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
IGG08025_1H	B	110	50/60	3.6	3200/	1.13	40	3.5	0.15	33	0.26
IGG06025_2H	B	230	50/60	4.6	3200/	1.13	40	3.5	0.15	33	0.26

*Bearing system B: Two Ball Bearing F: Fluid Bearing S: Sleeve Bearing



■ 80 IG series

x80x38mm



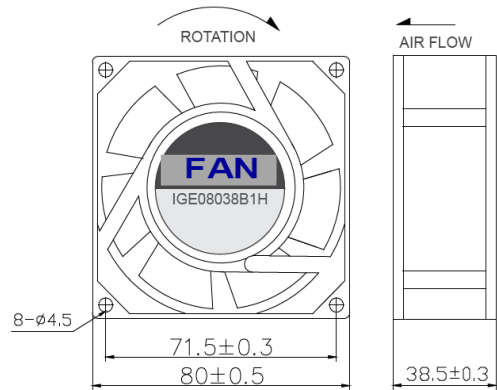
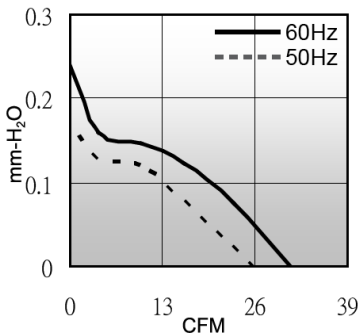
■ General Specifications

- Motor : Shaded pole AC motor
- Frame & Impller : Al Die-casting & PBT plastic
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

■ Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
IGE08038_1H	B / S	110	50/60	13/10	2450/2950	0.74/0.88	26/31	4.3/6.0	0.17/0.24	29/30	0.37
IGE08038_2H	B / S	230	50/60	13/10	2450/2950	0.74/0.88	26/31	4.3/6.0	0.17/0.24	29/30	0.37

*Bearing system B: Two Ball Bearing F: Fluid Bearing S: Sleeve Bearing



unit:mm

92 **IG series**
x92x25mm



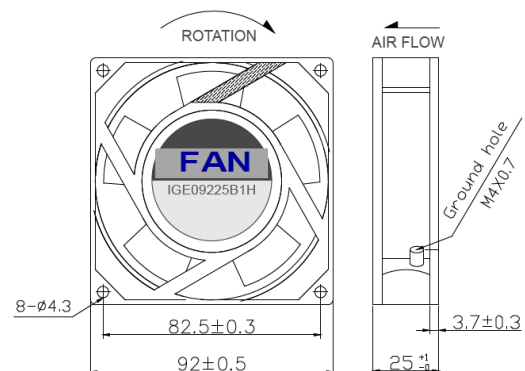
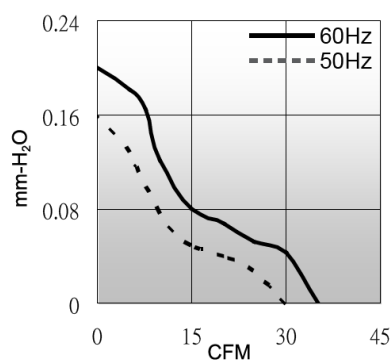
■ General Specifications

- Motor : Shaded pole AC motor
- Frame & Impeller : Al Die-casting & PBT plastic
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

■ Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m ³ /min	CFM	mm-H ₂ O	In-H ₂ O	dBA	Kg
IGE09225_1H	B / S	110	50/60	15/13	2400/2800	0.85/0.99	30/35	4.0/5.0	0.16/0.20	30/31	0.29
IGE09225_2H	B / S	230	50/60	15/13	2400/2800	0.85/0.99	30/35	4.0/5.0	0.16/0.20	30/31	0.29

*Bearing system B: Two Ball Bearing F: Fluid Bearing S: Sleeve Bearing



unit:mm

120 IG series
x120x25mm



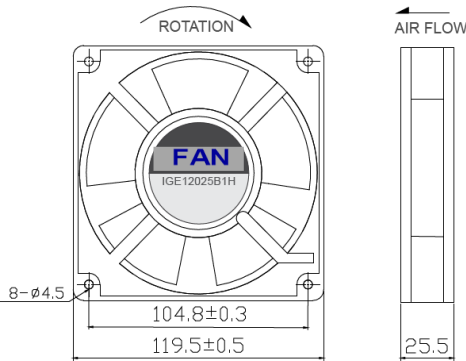
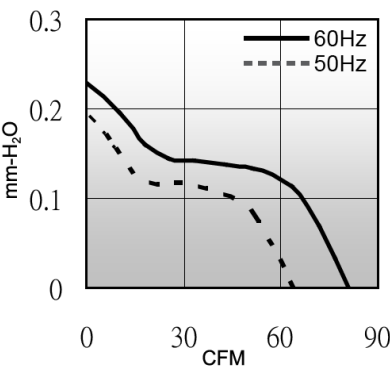
General Specifications

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- Frame & Impller : Al Die-casting & PBT plastic
- Storage temperature : -40°C to +75°C
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Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
IGE12025_1H	B / S	110	50/60	19/18	2200/2500	1.80/2.30	64/81	5.0/5.9	0.20/0.23	37/38	0.39
IGE12025_2H	B / S	230	50/60	19/18	2200/2500	1.80/2.30	64/81	5.0/5.9	0.20/0.23	37/38	0.39

*Bearing system B: Two Ball Bearing F: Fluid Bearing S: Sleeve Bearing



unit:mm

ECOGREEN TECHNOLOGIES (S) PTE LTD

120 IG series x120x38mm



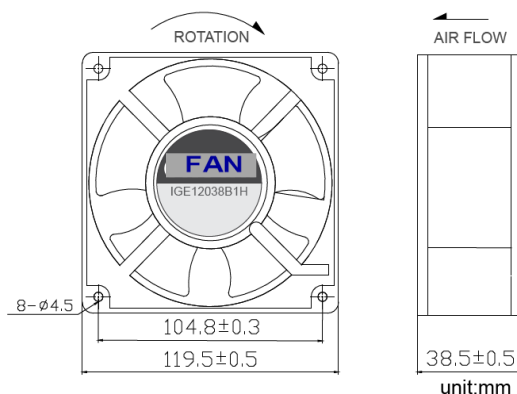
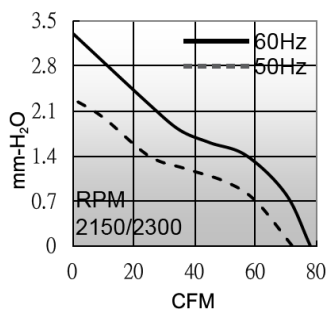
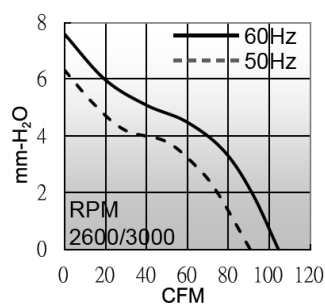
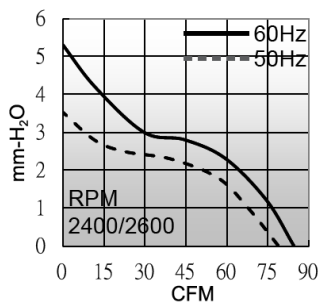
General Specifications

- Motor : Shaded pole AC motor
- Frame & Impeller : Al Die-casting & PBT plastic
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m ³ /min	CFM	mm-H ₂ O	In-H ₂ O	dBA	Kg
IGE12038_1L	B / S	110	50/60	11/11	2150/2300	2.21/2.04	72/78	3.30/2.29	0.09/0.13	26/27	0.53
IGE12038_2L	B / S	230	50/60	11/15	2150/2300	2.21/2.04	72/78	3.30/2.29	0.09/0.13	26/27	0.53
IGE12038_1M	B / S	110	50/60	15/15	2400/2600	2.40/2.37	79/85	3.56/5.33	0.14/0.21	36/37	0.53
IGE12038_2M	B / S	230	50/60	15/15	2400/2600	2.40/2.37	79/85	3.56/5.33	0.14/0.21	36/37	0.53
IGE12038_1H	B / S	110	50/60	21/19	2600/3000	2.57/2.97	91/105	6.35/7.62	0.25/0.30	43/44	0.53
IGE12038_2H	B / S	230	50/60	21/19	2600/3000	2.57/2.97	91/105	6.35/7.62	0.25/0.30	43/44	0.53

*Bearing system B: Two Ball Bearing F: Fluid Bearing S: Sleeve Bearing



120 IG series
x120x38mm



EC Motor

60% efficient than current AC Fan
FG/RD Signal outputs is available

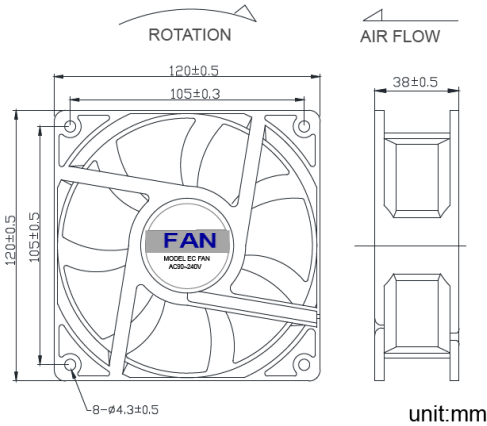
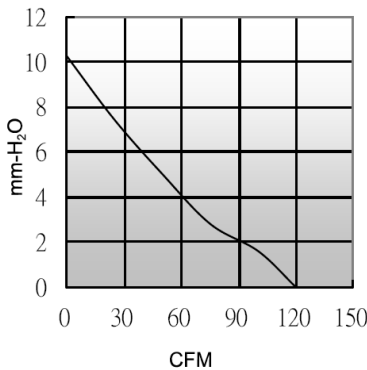
General Specifications

- Motor : EC motor
- Frame & Impller : PBT plastic
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
IGF12038BXH	B	90~240	50/60	8	3200	3.43	121	10.22	0.40-	41	0.42

*Bearing system B: Two Ball Bearing F: Fluid Bearing S: Sleeve Bearing



120 IG series
x120x38mm



General Specifications

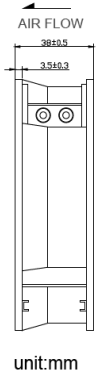
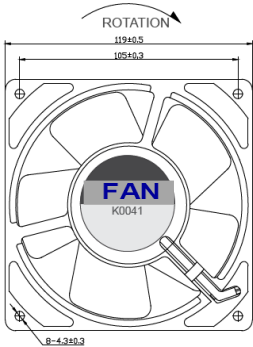
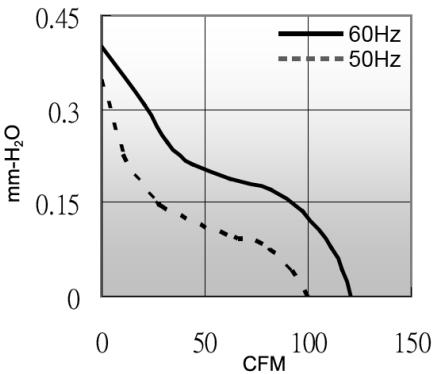
- Motor : Shaded pole AC motor
- Frame & Impller : Metal
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

Major Characteristic Parameters

Hight Temperature fan is available!
110V -40°C to 90°C
230V -40°C to 85°C

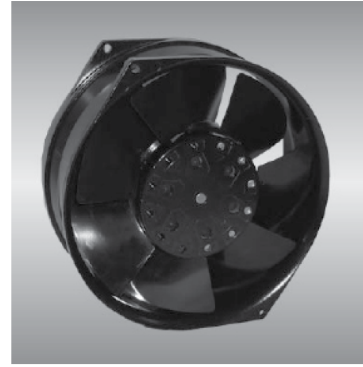
Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
IGG12038B1H	B	110	50/60	21/19	2600/3000	2.58/3.20	91/110	6.35/7.62	0.25/0.30	41/42	0.53
IGG12038B2H	B	230	50/60	21/19	2600/3000	2.58/3.20	91/110	6.35/7.62	0.25/0.30	41/42	0.53

*Bearing system B: Two Ball Bearing F: Fluid Bearing S: Sleeve Bearing



ECOGREEN TECHNOLOGIES (S) PTE LTD

Ø **150** **JG series**
x55mm



High Temperature fan is available!

110V -40°C to 90°C

230V -40°C to 85°C

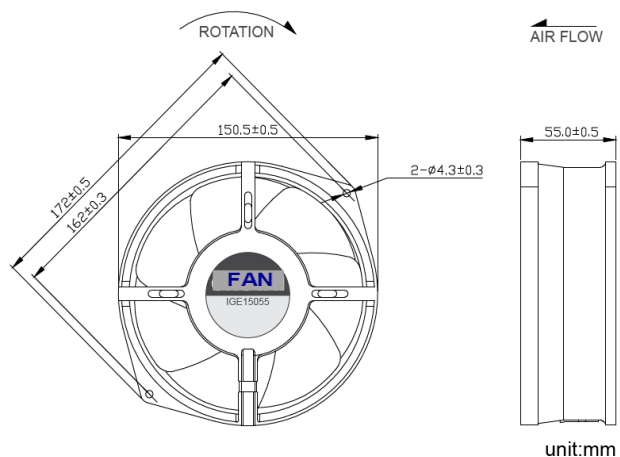
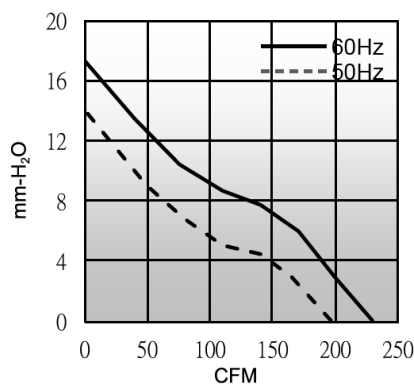
General Specifications

- Motor : Shaded pole AC motor
- Frame & Impeller : Metal
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow	Maximum Static Pressure	Sound Level	Weight		
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
IGE15055B1H	B	110	50/60	46/44	2700/3000	5.38/6.65	190/235	16.0/17.8	0.63/0.70	49/53	1.10
IGE15055B2H	B	230	50/60	46/44	2700/3000	5.38/6.65	190/235	16.0/17.8	0.63/0.70	49/53	1.10

*Bearing system B: Two Ball Bearing F: Fluid Bearing S: Sleeve Bearing



Ø172 JG series
x150x38mm



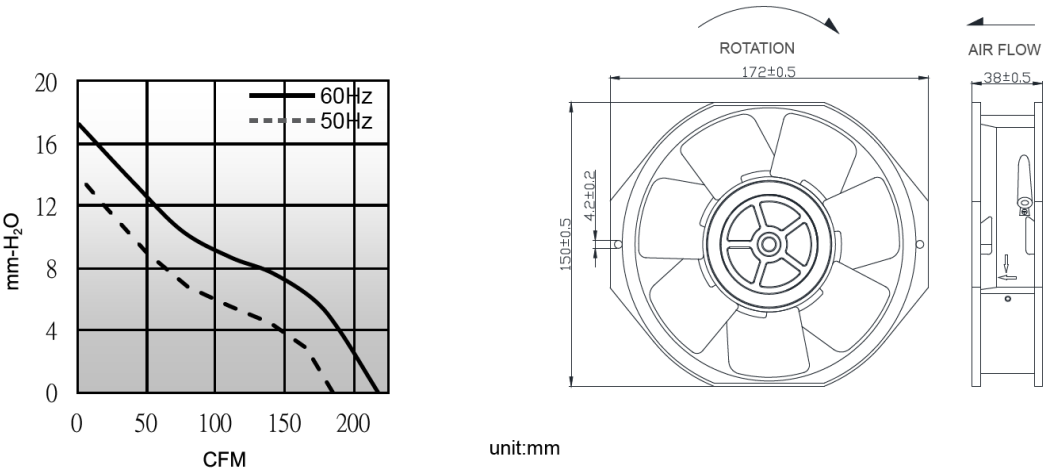
General Specifications

- Motor : Singal phase induction capacitor motor
- Frame & Impller : Metal
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
IGE12038B1H	B / S	110	50/60	27/28	2800/3200	5.38/6.34	190/224	14.5/17.8	0.57/0.70	53/57	0.84
IGE12038B2H	B / S	230	50/60	27/28	2800/3200	5.38/6.34	190/224	14.5/17.8	0.57/0.70	53/57	0.84

*Bearing system B: Two Ball Bearing



Ø172 IG series
x150x51mm



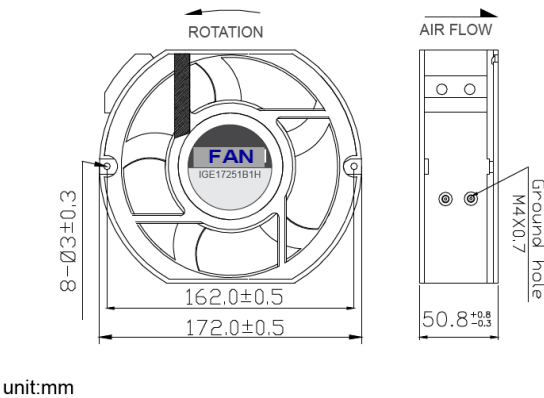
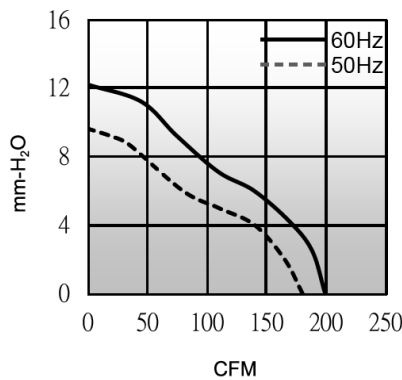
General Specifications

- Motor : Shaded pole AC motor
- Frame & Impller : Al Die-casting & PBT plastic
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
IGE17251B1H	B / S	110	50/60	35/32	2700/3000	5.09/5.66	180/200	9.6/12.2	0.38/0.48	50/52	1.05
IGE17251B2H	B / S	230	50/60	35/32	2700/3000	5.09/5.66	180/200	9.6/12.2	0.38/0.48	50/52	1.05

*Bearing system B: Two Ball Bearing F: Fluid Bearing S: Sleeve Bearing



ECOGREEN TECHNOLOGIES (S) PTE LTD

Ø **172** **JG series**
x150x51mm



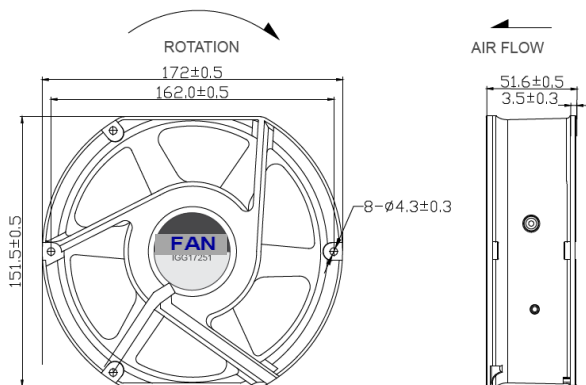
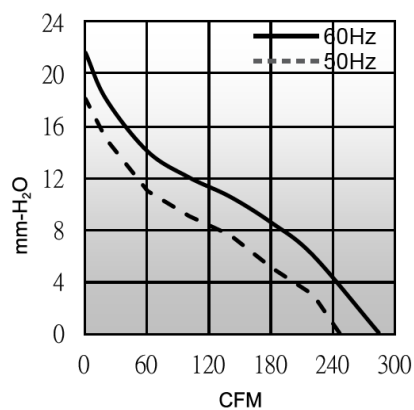
General Specifications

- Motor : Singal phase induction capacitor motor
- Frame & Impller : Metal
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
IGG17251B1H	B / S	110	50/60	27/27	2800/3300	6.63/7.79	234/275	17.2/20.6	0.70/0.81	51/61	1.03
IGG17251B2H	B / S	230	50/60	27/27	2800/3300	6.63/7.79	234/275	17.2/20.6	0.70/0.81	51/61	1.03

*Bearing system B: Two Ball Bearing



unit:mm

Ø172 K series
 x150x51mm



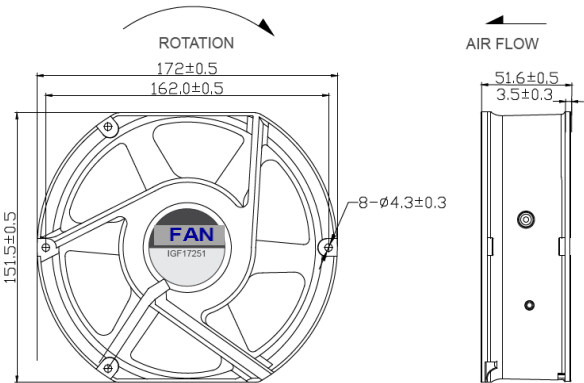
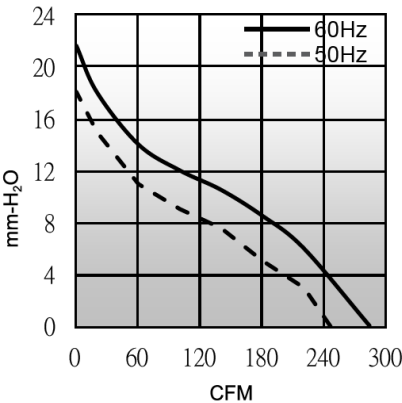
General Specifications

- Motor : Singal phase induction capacitor motor
- Frame & Impller : Metal ; Plastic
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
IGF17251B1H	B	110	50/60	27/27	2800/3300	6.23/7.59	220/268	15.5/18.0	0.61/0.71	51/61	1.03
IGF17251B2H	B	230	50/60	27/27	2800/3300	6.23/7.59	220/268	15.5/18.0	0.61/0.71	51/61	1.03

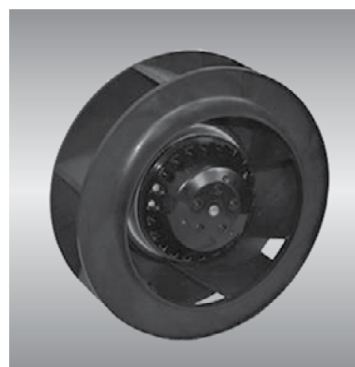
*Bearing system B: Two Ball Bearing



unit:mm

$\varnothing$ 190 JG series

x68.5mm



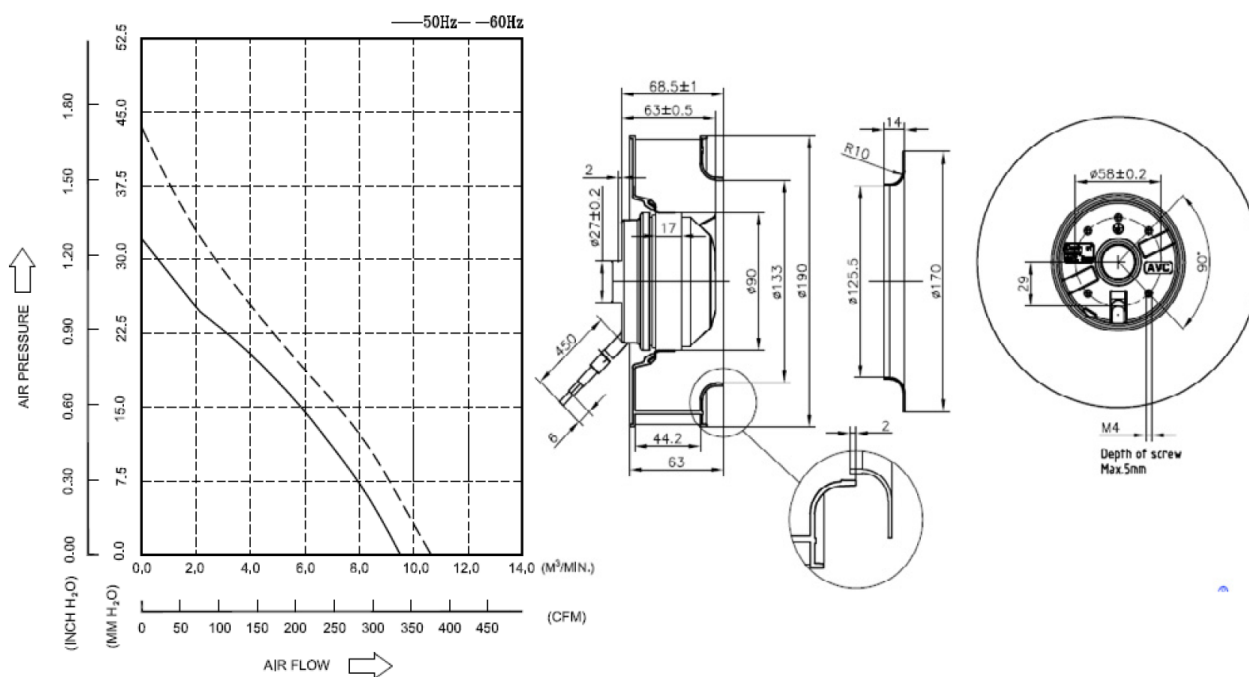
General Specifications

- Material :Impeller:Plastic; Frame:Al Alloy
- Lead Wires:Wire
- Insulation class:F
- Air Flow direction:Inlet looking at motor
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow	Maximum Static Pressure	Sound Level	Weight		
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
JGE19069B2	B	230	50	64	2500	9.17	324	32.77	1.29	64	1.28
JGE19069B2	B	230	60	77	2800	10.45	369	70.1	2.76	67	1.28

*Bearing system B: Two Ball Bearing



205

IG series

mmx205mmx72mm



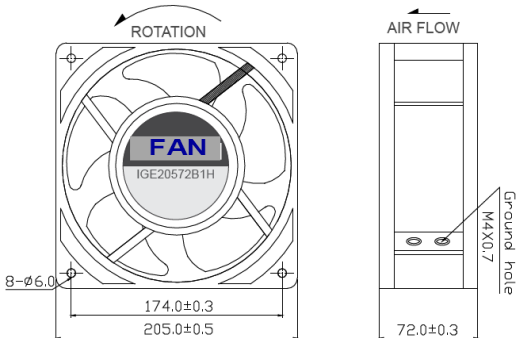
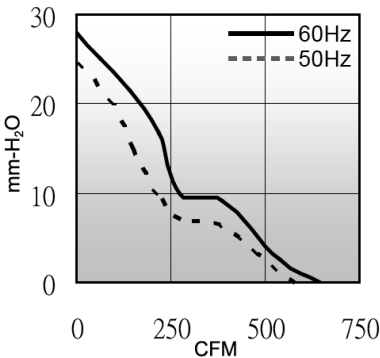
General Specifications

- Motor : Singal phase induction capacitor motor
- Frame & Impller : Al Die-casting & PBT plastic
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
IGE20572_1H	B / S	110	50/60	65/102	2500/3000	16.4/18.3	580/735	25/28	0.98/1.10	60	2.1
IGE20572_2H	B / S	230	50/60	65/102	2500/3000	16.4/18.3	580/735	25/28	0.98/1.10	60	2.1

*Bearing system B: Two Ball Bearing F: Fluid Bearing S: Sleeve Bearing



unit:mm

225 IG series
x225x80mm



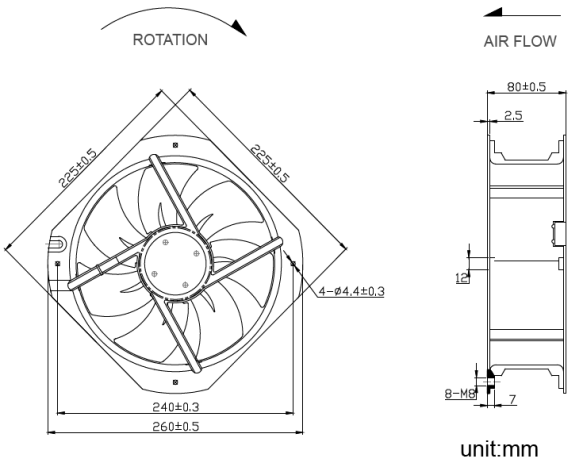
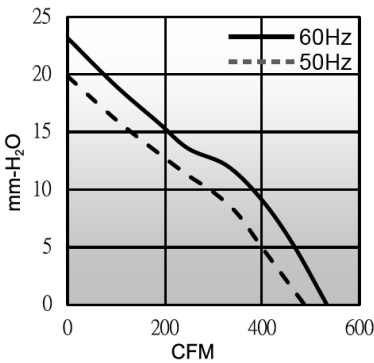
General Specifications

- Motor :Singal phase induction capacitor motor
- Frame & Impller : Metal
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

Major Characteristic Parameters

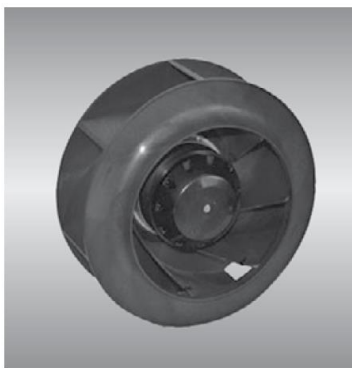
Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow	Maximum Static Pressure	Sound Level	Weight		
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H ₂ O	In-H ₂ O	dBA	Kg
IGE22580B2H	B	230	50/60	57/71	2550/2900	14.3/16.1	505/570	18.3/17.5	0.72/0.69	58/60	2.0

*Bearing system B: Two Ball Bearing



JG series

x99mm

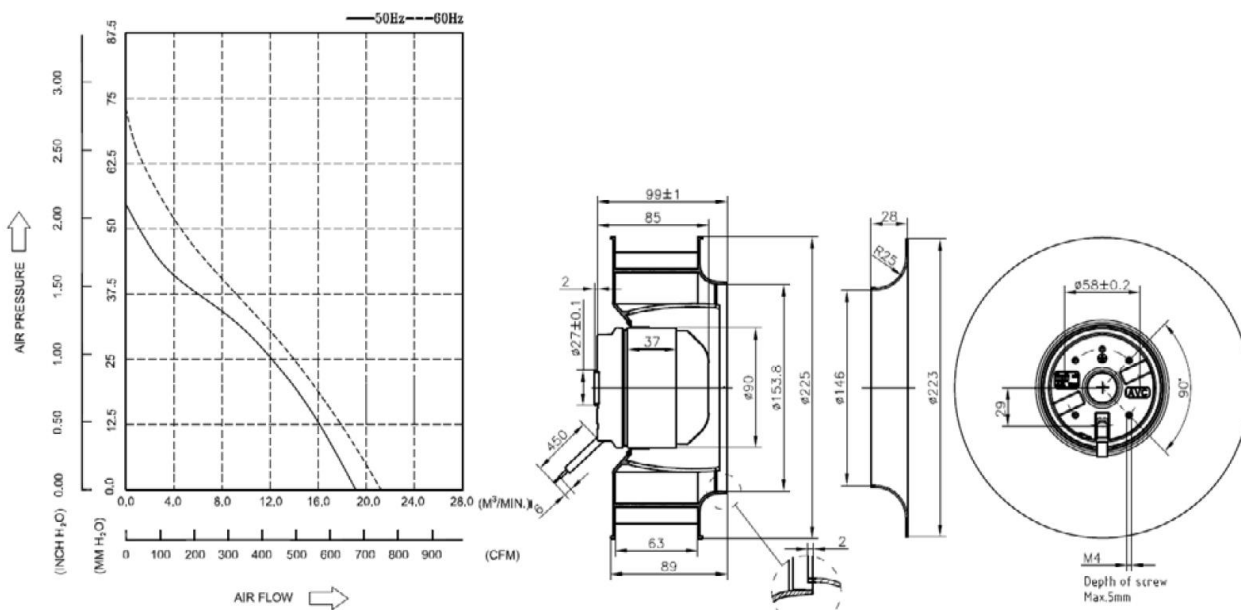


■ General Specifications

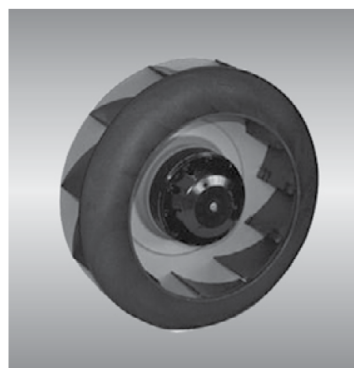
- Material :Impeller:Plastic; Frame:Al Alloy
- Lead Wires:Wire
- Insulation class:F
- Air Flow direction:Inlet looking at motor
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

■ Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m ³ /min	CFM	mm-H ₂ O	In-H ₂ O	dBA	Kg
JGE22599B2	B	230	50	132	2650	19.1	674	53.34	2.1	73	2.25
JGE22599B2	B	230	60	188	2950	21.2	747	58.42	2.3	75	2.25



$\varnothing$ 250 JG series x89mm

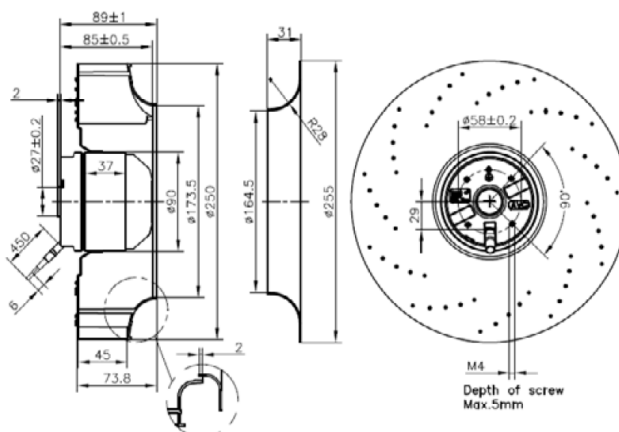
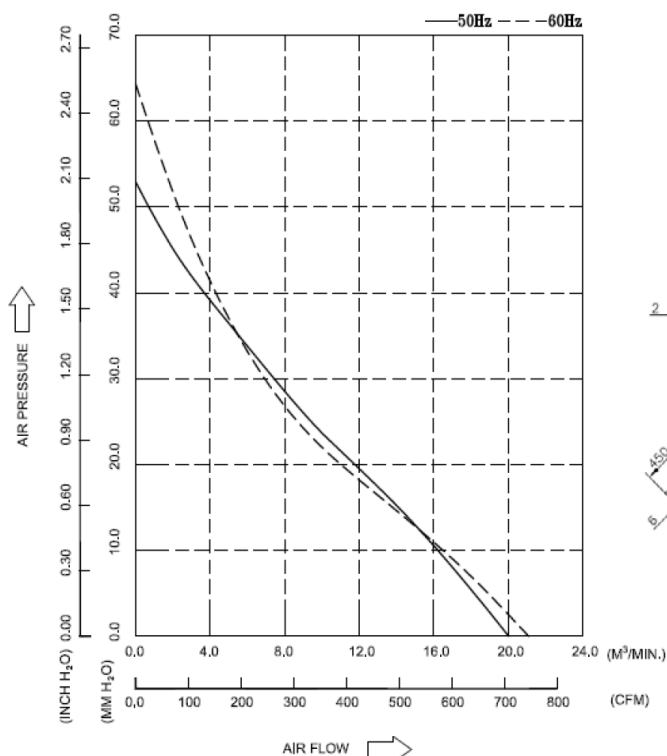


General Specifications

- Material :Impeller:Plastic; Frame:Al Alloy
- Lead Wires:Wire
- Insulation class:F
- Air Flow direction:Inlet looking at motor
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow		Maximum Static Pressure		Sound Level	Weight
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
JGE25089B2	B	230	50	125	2400	20.02	707	50.8	2.0	71	2.5
JGE25089B2	B	230	60	165	2550	21.10	745	63.5	2.5	73	2.5



$\varnothing$ 254 IG series x89mm



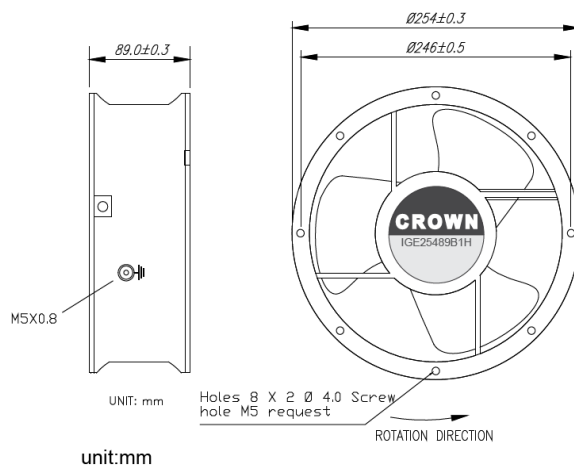
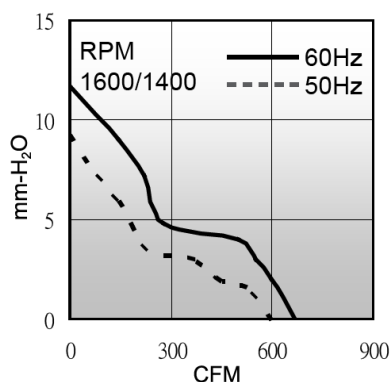
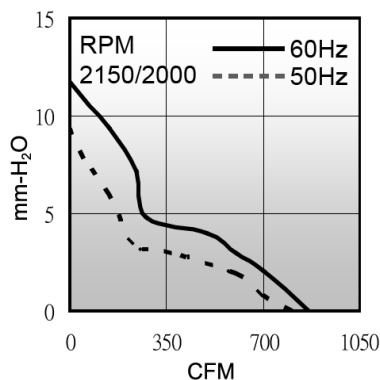
■ General Specifications

- Motor : Singal phase induction capacitor motor
- Frame & Impller : Al Die-casting & PBT plastic
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

■ Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow	Maximum Static Pressure	Sound Level	Weight		
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
IGE25489B1H	B	110	50/60	60/67	2150/2000	24.5/22.8	700/630	7.9/8.7	0.31/0.35	54/56	2.0
IGE25489B2H	B	230	50/60	60/67	2150/2000	24.5/22.8	700/630	7.9/8.7	0.31/0.35	54/56	2.0
IGE25489B1M	B	110	50/60	60/67	1400/1600	17.0/18.8	450/520	6.6/7.9	0.27/0.31	49/51	2.0
IGE25489B2M	B	230	50/60	60/67	1400/1600	17.0/18.8	450/520	6.9/9.1	0.27/0.31	49/51	2.0

*Bearing system B: Two Ball Bearing F: Fluid Bearing S: Sleeve Bearing



280 IG series

x280x80mm



General Specifications

- Motor : Singal phase induction capacitor motor
- Frame & Impller : Metal
- Storage temperature : -40°C to +75°C
- Operating temperature : -10°C to +70°C

Major Characteristic Parameters

Model	Bearing System	Rated Voltage	Freq.	Power Input	Rated Speed	Maximum Air Flow	Maximum Static Pressure	Sound Level	Weight		
Part NO.	B / S	V	Hz	W	RPM	m³/min	CFM	mm-H₂O	In-H₂O	dBA	Kg
IGE28080B2H	B	230	50/60	129/182	2500/2650	31/32	1088/1130	17.2/20.6	0.85/0.70	68/70	3.0

*Bearing system B: Two Ball Bearing

