

**CFX**  
series



## **QQ Cabinet Fan**



# QQ Cabinet Fan

- ◆ Compact in size
- ◆ Suitable for inline and cassette application
- ◆ High efficiency external rotor motor
- ◆ Low sound level
- ◆ Speed controllable
- ◆ CFX2 and CFX3 with unique standby application

## Introduction

- CFX is a perfect choice for those areas with limited space and headroom but require **HIGH** air volume , **HIGH** Static Pressure and **LOW** noise ventilation.
- CFX2 and CFX3 models are specially designed with **STANDBY** feature that allow non stop ventilation should one of the fan out of order.
- GTG speed controllers are specially designed for **LINEAR** speed control, it can be operated at any speed between original and > 50% of original RPM, hence the desired air volume and sound level can be obtained and **whisper quiet operation** can be achieved.

### Fan Casing

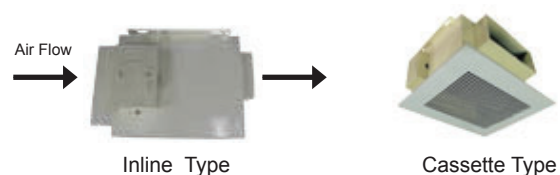
- Constructed of GI sheet metal with anti corrosion paint
- Specially designed casing allows flexibility for inline (standard) and cassette (optional) installation

### Motor

- High efficiency **EXTERNAL ROTOR MOTOR** with permanently lubricated ball bearing
- Standard - Class F Insulation
- Optional - Class H Insulation
- IP 44 protection

### Impeller

- Material : GI sheet metal.
- Forward curved.
- The motor and impeller are factory matched and dynamically balanced



### Accessories (Optional)

Linear Speed Controller



Mini Silencer



Outlet Duct Cap (GAC)



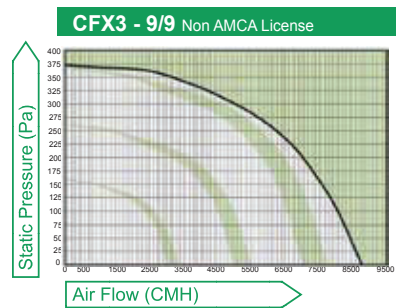
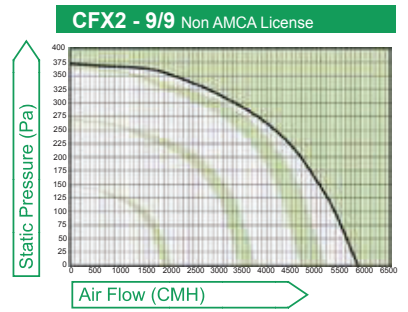
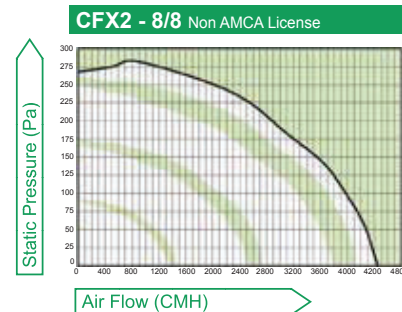
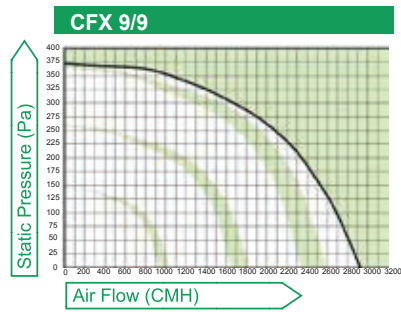
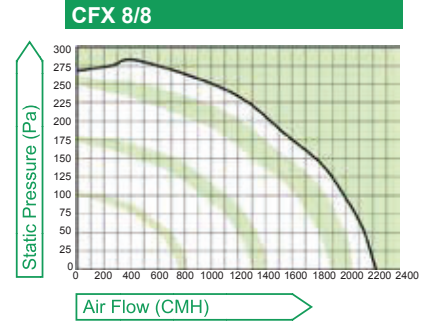
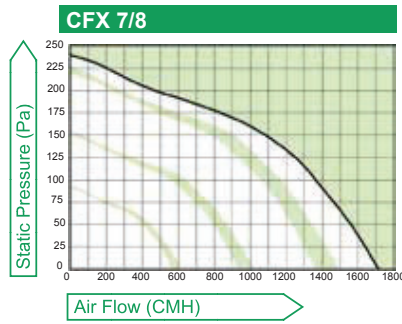
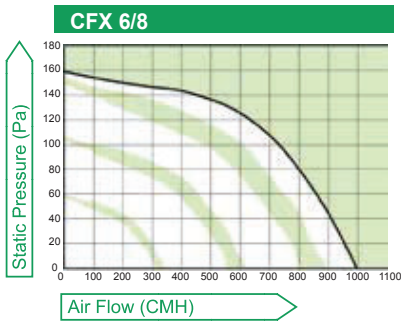
Outlet Duct Cap (GACG)



Intake Grille (GAT)



# Performance Curve



GTG Industries Sdn Bhd certifies that the model: CFX 6/8 to CFX 9/9 shown herein is 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.

## Conversion Table

Air Flow

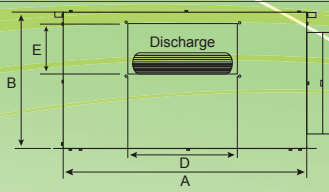
L/s	m <sup>3</sup> /hr	m <sup>3</sup> /s	CFM
1	3.6	0.001	2.119
0.278	1	0.278 x 10 <sup>-3</sup>	0.588
1000	3600	1	2119
0.063	0.227	0.063 x 10 <sup>-3</sup>	0.1337
0.472	1.7	0.472 x 10 <sup>-3</sup>	1

# Electrical Data

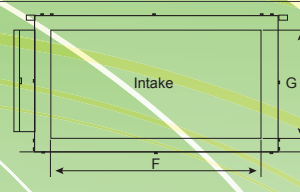
Model	CFX 6/8	CFX 7/8	CFX 8/8	CFX 9/9	CFX2-8/8	CFX2-9/9	CFX3-9/9
Volt/Phase/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Max Motor Input (W)	122	323	576	919	1152	1838	2757
Air Flow (CMH)	997	1714	2225	2927	4450	5854	8781
Amps (A)	0.44	1.35	2.10	2.53	4.20	5.06	7.59
RPM	1350	1350	1350	1350	1350	1350	1350
Sound Power dB(A)	69	78	78	81	81	84	87
Sound Pressure dB(A) at 3m	48	57	57	60	60	63	66
Weight (KG)	12.0	18.8	22.6	22.8	39.6	42.0	60.2
Speed Controller	Yes	Yes	Yes	Yes	Yes	Yes	Yes

\* SPEED (RPM) SHOWN IS NOMINAL. PERFORMANCE IS BASED ON ACTUAL SPEED OF TEST.  
 \* SOUND PRESSURE dB(A) AT 3M LEVELS ARE NOT LICENSED BY AMCA INTERNATIONAL.  
 \* PERFORMANCE CERTIFIED IS FOR INSTALLATION TYPE D-DUCTED INLET, DUCTED OUTLET, PERFORMANCE RATINGS DO NOT INCLUDE THE EFFECTS OF APPURTENANCES (ACCESSORIES).  
 \* THE A-WEIGHTED SOUND RATINGS SHOWN HAVE BEEN CALCULATED PER AMCA INTERNATIONAL STANDARD 301. VALUES SHOWN ARE FOR INLET LwIA SOUND POWER LEVELS FOR INSTALLATION TYPE D DUCTED INLET, DUCTED OUTLET. RATINGS INCLUDE THE EFFECTS OF DUCT END CORRECTION.  
 \* MODEL CFX2-8/8, CFX2-9/9 & CFX3-9/9 ARE NOT LICENSED TO BEAR THE AMCA CERTIFIED RATING SEAL.

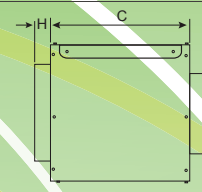
## Dimension (mm)



FRONT VIEW (DISCHARGE)



REAR VIEW (INTAKE)



SIDE VIEW

Model	A	B	C	AIR DISCHARGE		AIR INTAKE		H
				D	E	F	G	
CFX 6/8	435	279	340	300	150	390	230	48
CFX 7/8	435	390	300	265	144	372	327	48
CFX 8/8	489	430	330	297	156	426	367	48
CFX 9/9	489	430	330	297	156	426	367	48
CFX2-8/8	876	430	330	680	156	813	367	48
CFX2-9/9	876	430	330	680	156	813	367	48
CFX3-9/9	1263	430	330	1067	156	1200	367	48

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