



Air Curtain



Air Curtain

GAC series

- ♦ High air velocity.
- ♦ High air pressure.
- ♦ Quiet operation.
- ♦ Low power consumption.
- ♦ Slim casing.
- ♦ Elegant appearance.
- ♦ Easy installation.

Introduction

GAC SERIES - air curtains create a powerful invisible door for heating / cooling retention purposes. It ensures a dust free, deodorizing and insect-free entrance to maintain a clean and desired indoor environment. The latest version of GAC series is the first GAC model equipped with washable saranet filter in the inlet which make the maintenance works much easier. The filters prevent the accumulation of dust at the internal parts of the unit and prolong the useful life of the air curtain.

Classic Type

For residential & commercial application:



Bungalow, Apartment, Retail outlet, Shopping mall, Hotel, Cafeteria, Restaurant, Mini market, etc.

Turbo Type

For commercial & industrial application:



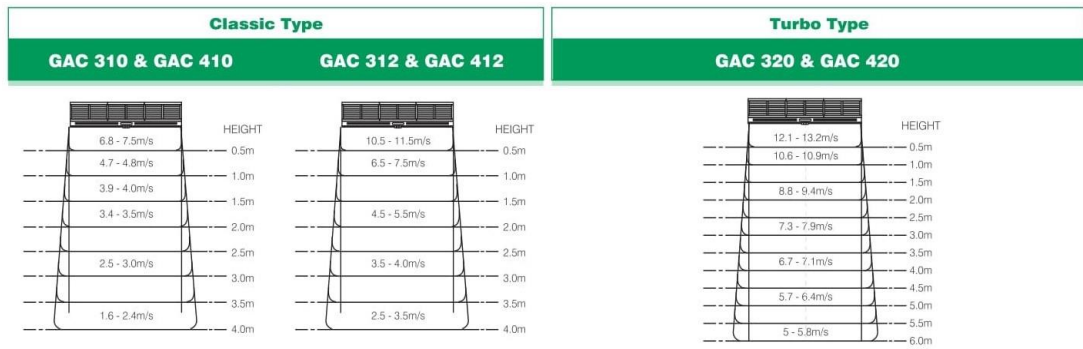
Shopping mall with high ceiling, Factory, Warehouse, Cold room, etc.

Air Curtain Application



		Classic Type	Turbo Type
CASING	Type	PLASTIC	GI STEEL WITH POWDER COATING
	Motor	CONDENSER MOTOR	EXTERNAL ROTOR MOTOR
MOTOR	Speed	2	3
	Bearing	PERMANENTLY LUBRICATED BALL BEARING	
	Insulation	CLASS E	CLASS F
	Protection	BUILT IN THERMAL PROTECTION	
FAN	Type	SIROCCO	
	Material	PLASTIC	GI STEEL

Air Velocity Charts



Specification - Classic Type

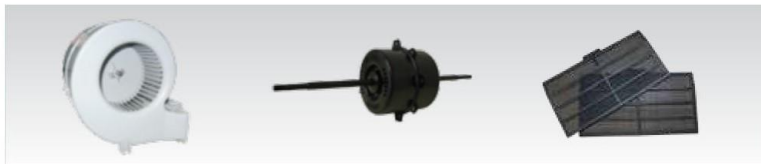
Model	GAC 310		GAC 410		GAC 312		GAC 412	
Fan in Operation	Hi	Low	Hi	Low	Hi	Low	Hi	Low
Size (mm)	900		1200		900		1200	
Volt / Phase / Hz	240 / 1 / 50		240 / 1 / 50		240 / 1 / 50		240 / 1 / 50	
Max Power Input (W)	200	175	250	210	276	250	320	300
Amps (A)	0.81	0.72	0.94	0.87	1.14	1.09	1.31	1.24
Outlet Velocity (m/s)	14.4	11.9	14.5	12.5	17.8	15.9	16.3	14.5
Air Volume (CMM)	16.9	13.9	22.7	19.5	19.8	17.7	27.5	22.4
dB(A)	56	53	58	55	57	54	58	55

Specification - Turbo Type

Model	GAC 320			GAC 420		
Fan in Operation	Hi	Med	Low	Hi	Med	Low
Size (mm)	900			1200		
Volt / Phase / Hz	240 / 1 / 50			240 / 1 / 50		
Max Power Input (W)	1167	914	763	1751	1371	1144
Amps (A)	5.2	4.0	3.3	7.9	6.0	5.0
Outlet Velocity (m/s)	20	18	15	24	22	18
Air Volume (CMM)	67	60	50	101	92	76
dB(A) @ 3m	75	75	74	73	72	72

Components

Classic Type



Sirocco blower complete with condenser motor

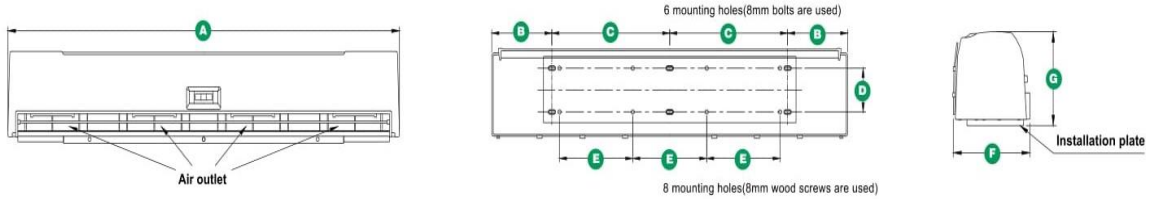
Saranet Filter

Turbo Type



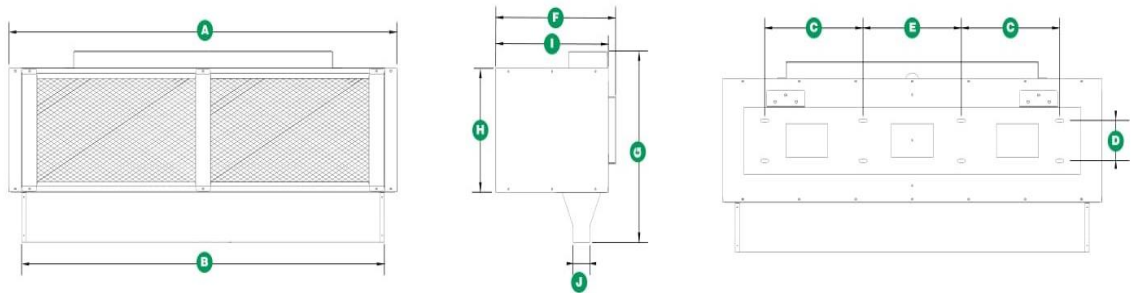
Motor & Blowers

Dimension (mm) - Classic Type



MODEL	A	B	C	D	E	F	G	Weight (Kg)
GAC 310	900	50	400	113	249	230	214	10.2
GAC 312	900	50	400	113	249	230	214	12.2
GAC 410	1200	200	400	113	249	230	214	13.3
GAC 412	1200	200	400	113	249	230	214	14.1

Dimension (mm) - Turbo Type



MODEL	A	B	C	D	E	F	G	H	I	J	Weight (Kg)
GAC 320	900	840	225	120	250	470	570	370	440	66	55
GAC 420	1200	1061	300	120	300	470	570	370	440	66	64