



AIR-BLOWERS INDUSTRIES SDN BHD

AIR-BLOWERS

SLIM CASE AXIAL FAN

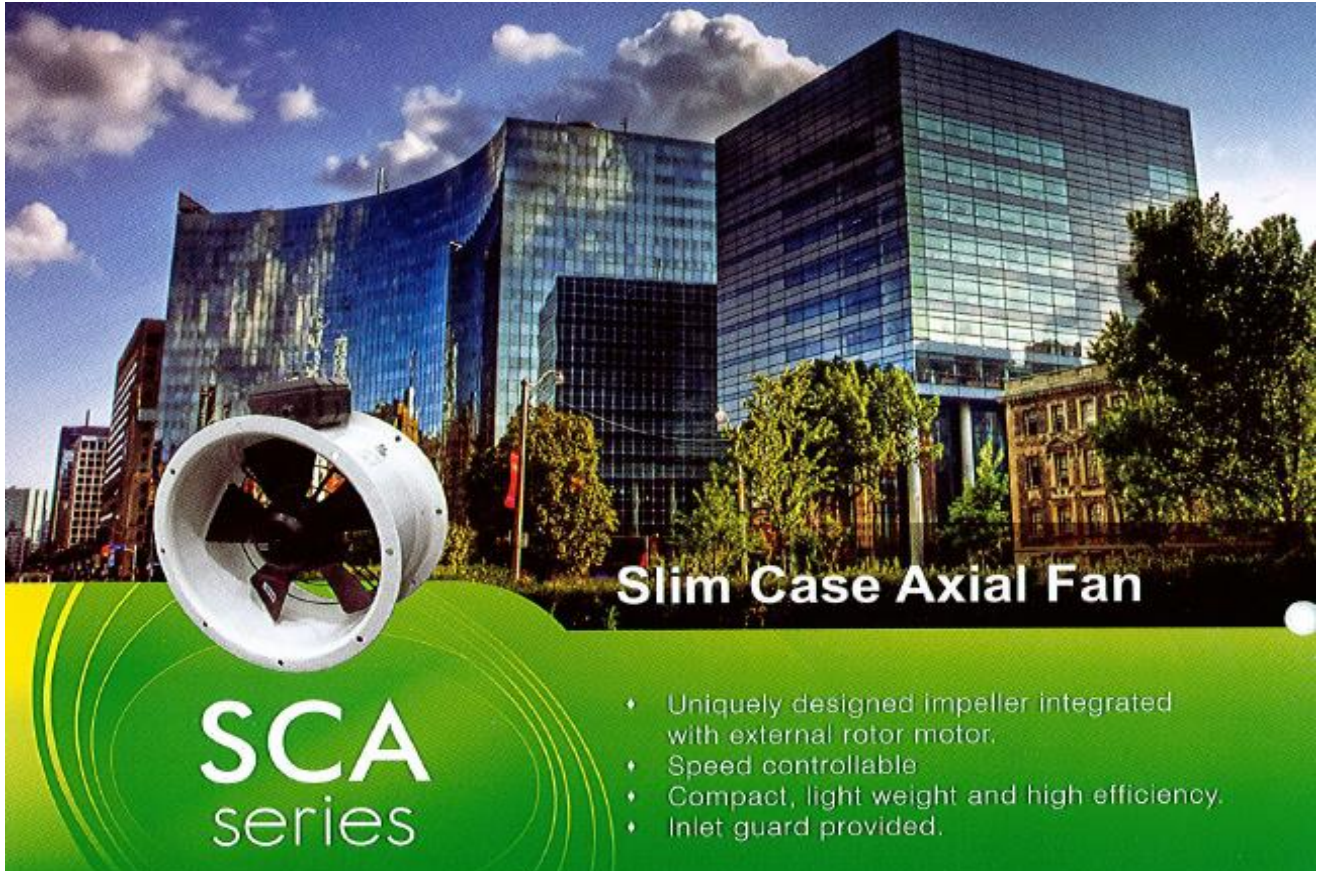


Slim Case Axial Fan



Following a policy of continuous product improvement, we reserve right to modify products/data whenever necessary without prior notice.

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Introduction

SCA Slim Case Axial Fans are specially designed for residential and commercial ventilation application where noise level is of prime consideration. GTG Linear Speed Controller (Model C012 & C030) can be used to achieve specific performance requirements and desirable sound pressure level by linearly control its fan speed. The uniquely designed blade integrated with high efficiency external rotor motor ensure light weight and excellent performance with low sound level.



Fan Casing

Constructed from steel plate, electro welded and protected with anti rust paint.

Compact in design and the whole impellers and motor unit are robustly supported within the casing by steel rod mounting supports.

Impellers

Made of steel with anti-rust paint.

The motor and impeller are factory matched, statically and dynamically balanced.

Motor

Moisture resistant, suitable for humid and damp environments.

Permanently lubricated ball bearings ensuring reliable and maintenance-free operation

Class F insulation.

Speed controllable

Built-in thermal protection device.

Protected to IP54, against dust and moisture.

Accessories (Optional)

Ceiling Grille
GAT Series



Linear Speed Controller
Model C012



For Fan Model
- SCA250
- SCA350

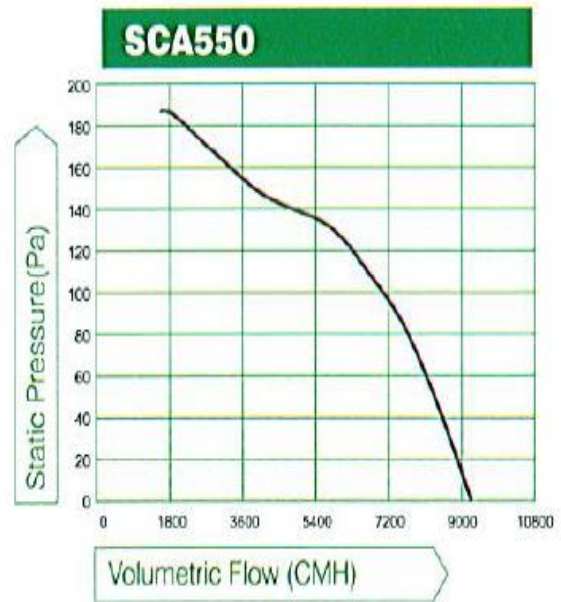
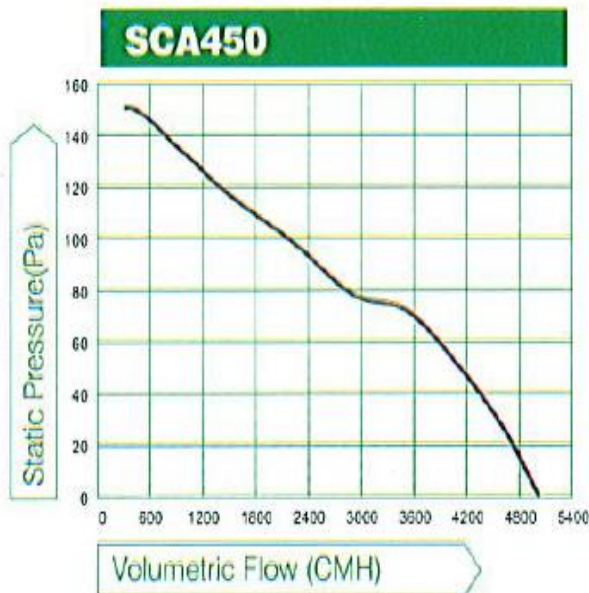
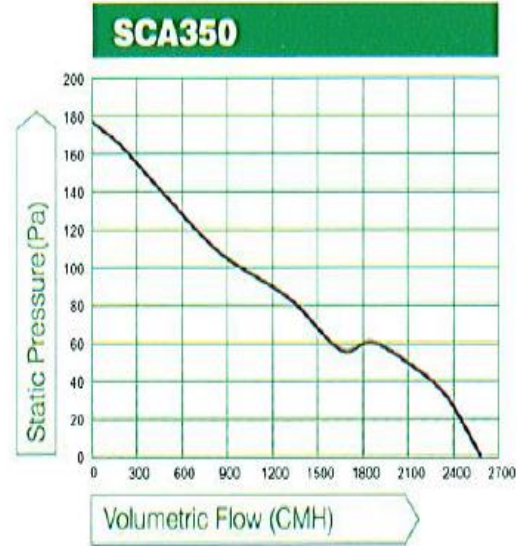
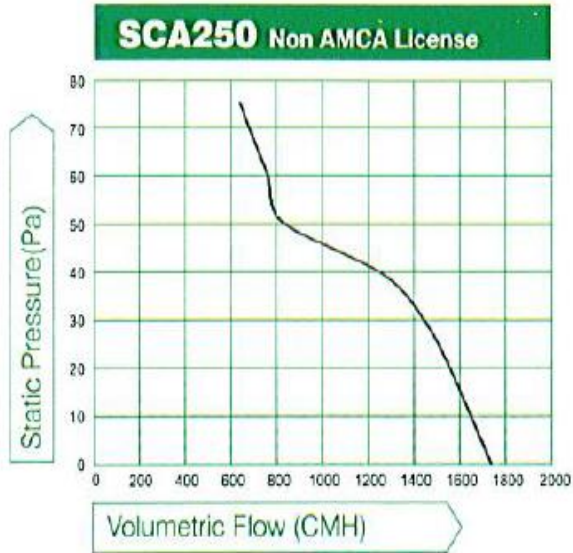
Model C030



For Fan Model
- SCA450
- SCA550



Performance Curve



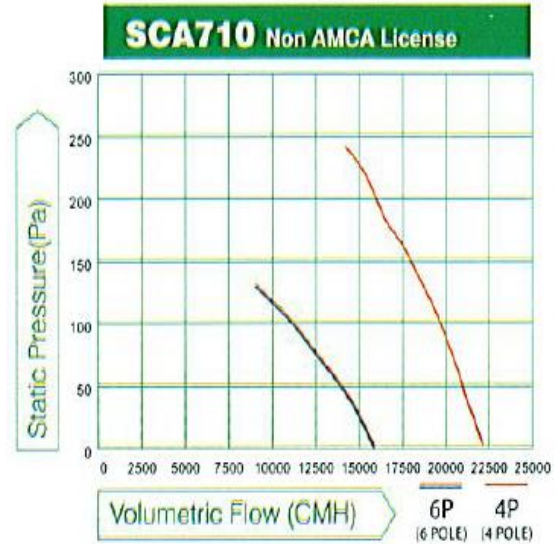
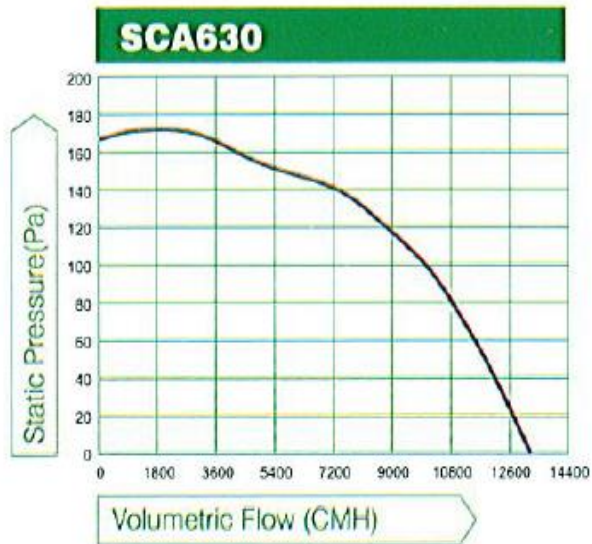
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- * Speed (RPM) shown is nominal. Performance is based on actual speed of test.
- * Performance ratings do not include the effects of appurtenances (accessories).
- * Performance certified is for installation type D – Ducted inlet, Ducted outlet.
- * Model SCA250 & SCA710 are not licensed by AMCA International.

Electrical Data

Model	SCA250	SCA350	SCA450	SCA550	SCA630	SCA710	
						4P	6P
Volt / Phase / Hz	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	415 / 3 / 50	
Max. Motor Input (W)	180	194	521	892	1278	2700	1100
CMH	1800	2603	5116	9238	13241	22105	15865
Amp	0.78	0.68	1.15	2.45	3.50	4.70	2.35
RPM	2500	1370	1380	1310	1315	1350	900
Sound Power, dB(A)	88	79	85	84	88	104	80
Sound Pressure, dB(A) at 3m	68	59	64	64	67	84	60
Weight (kg)	5.8	8.5	11.0	16.5	20.5	50.0	
Speed Controller (OPTIONAL)	YES	YES	YES	YES	NO	NO	

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