

Domestic & Commercial
SA LV Range



Axial Flow **Fans**

features & benefits

SA LV range



The SA LV Axial Range is a stylish range of axial flow fans which have been specifically developed to ensure complete safety in the appropriately regulated “Safety Zones”, providing powerful extract of air through windows, walls, ceilings and panels for a variety of domestic and commercial applications.

- 1 standard size 100mm.
- Air volume flow rates of up to 0.027 m³/s (97 m³/hr).
- Static pressures of up to 30 Pa.
- Supplied complete with Transformer to be mounted in Zone 3.
- Axial impeller design for larger volumes.
- IP57 and Safety Extra Low Voltage.
- Shock proof, heat resistant plastic.
- Suitable for operating temperatures up to 40°C.
- Motors are double insulated with built-in thermal overload protection.
- CE Marked and BEAB approved.
- Sealed for life ball bearings to operate at any angle.
- Timer models adjustable from 3-15 minutes.
- Lower noise levels.

Features & Benefits

Motor protection – Each SA LV motor is double insulated so no earth is required with integral thermal overload protection which prevents the motor from overheating.

Range - One standard size, 100mm.

Options - The SA LV range, dependant on model, incorporate silent, delayed action, slow moving electric shutters for silent opening and closing; a run on timer adjustable between 3 and 15 minutes; a dynamic type humidistat with anti-hunting feature; a passive infra-red detector; and can be operated via a pull cord.

Safety – SA LV fans are IP57 Safe Extra Low Voltage which means they can be safely installed in Zones 0, I and II in accordance with IEE Wiring Regulations.

Ease of installation – Designed and supplied with all the necessary fixings, with unique features to make installation easier.

Material strength - Units are manufactured from shock proof, heat resistant white plastic, which is durable and non corrosive

Mounting – Each unit is suitable for window, wall, panel or ceiling mounting installations.

Full ancillary range – Wall kits, window kits, fan locking rings.

Reliability – Motors have sealed for life bearings.

Warranty – Each SA LV has a 2 year warranty.

Applications

Shower rooms, bathrooms, kitchens, utility rooms, residential and commercial facilities.

product information



SA LV range

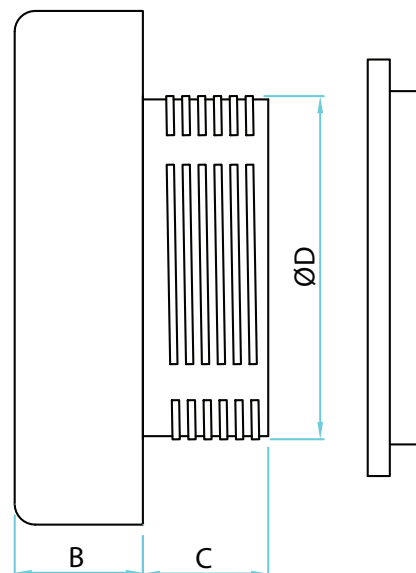
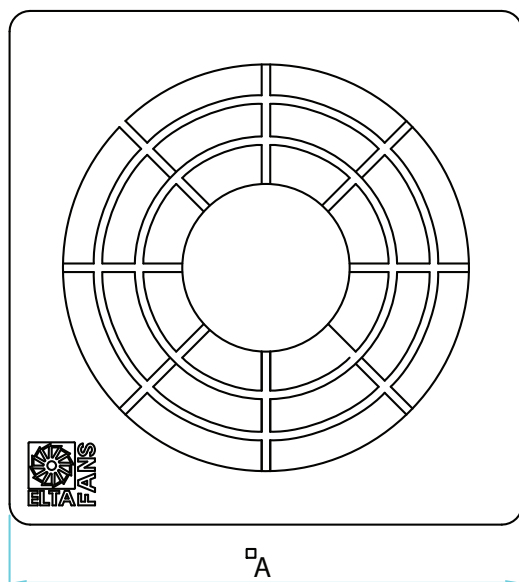
Product Code	Description
SA100LV	Basic unit, fan only
SA100TLV	Run on timer unit
SA100CLV	Pull cord operated unit
SA100ALV	Unit with silent electrically operating shutters
SA100ATLV	Unit with silent electrically operating shutters and run on timer
SA100HCTLV	Humidistat, pull cord, run-on timer and neon. The neon light is activated by the pull cord. This cord can be removed and the unit wired to activate via a light switch
SA100HCTALV	Unit with silent electrically operating shutters, humidistat, pull cord and timer. Unit has a neon activated by the pull cord which can be removed and the unit wired to activate via door or light switch
SA100PIRLV	Run on timer activated by personnel entry into the room. Range 3m @ 110 degrees

Product Code	Voltage	Maximum Volume		Mounting Arrangement			Operation						
		l/sec	m ³ /hr	Ceiling	Wall	Window	Fan Only	Pull Cord	Run on Timer	Electric Shutter	Humidistat	PIR	
SA100LV	12	27	97	√	√	√	√						
SA100TLV	12	27	97	√	√	√	√		√				
SA100CLV	12	27	97	√	√	√	√	√					
SA100ALV	12	27	97	√	√	√	√				√		
SA100ATLV	12	27	97	√	√	√	√			√	√		
SA100HCTLV	12	27	97	√	√	√	√	√	√	√	√		
SA100HCTALV	12	27	97	√	√	√	√	√	√	√	√	√	
SA100PIRLV	12	27	97	√	√	√	√						√

Note: The SA LV Range is not suitable for Duct or Roof mounting

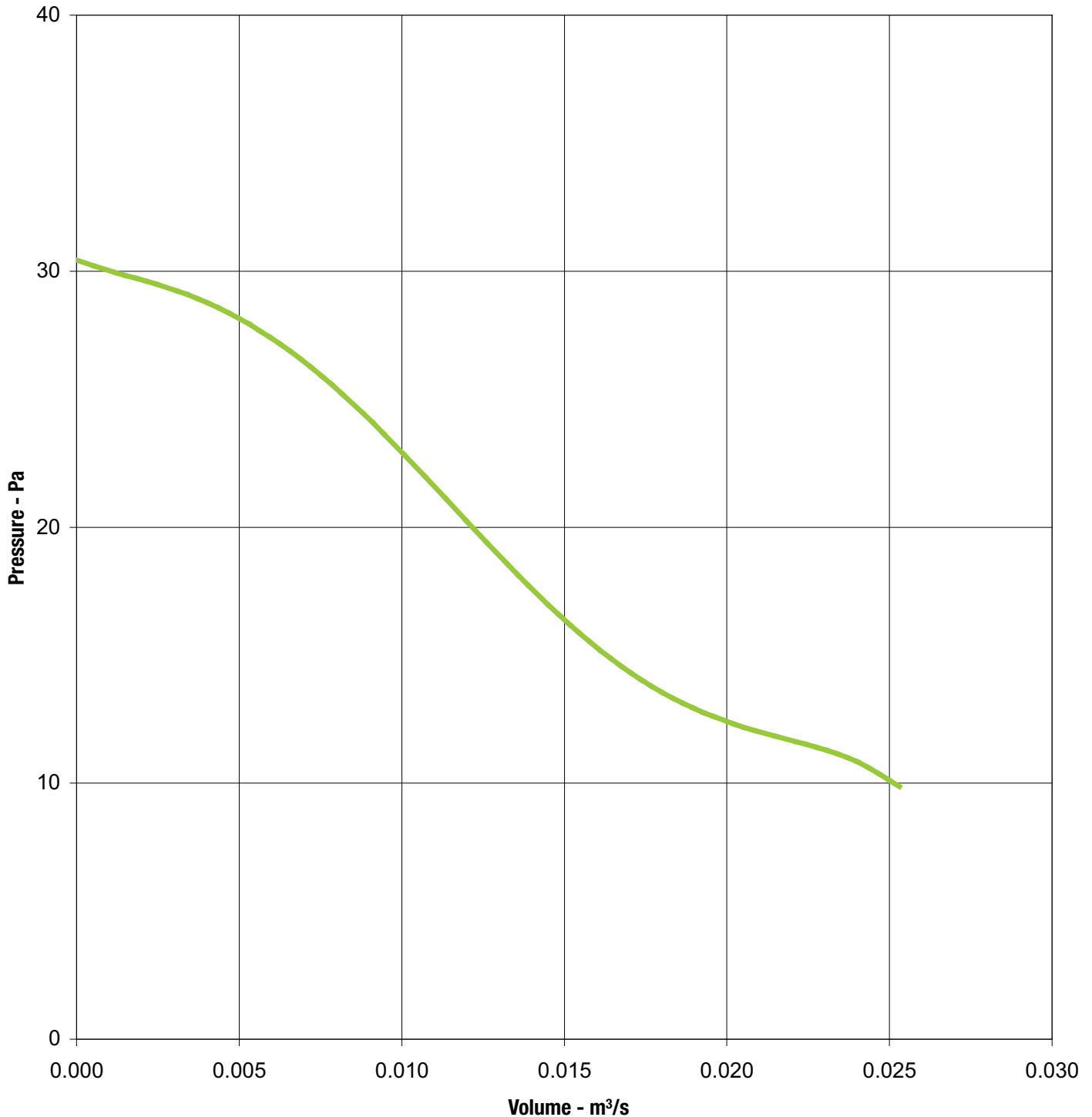
dimensional data

SA LV range



Product Code	A	B	C	D	Weight kg
SA100LV	150	35	42	98	1.0

SA LV range



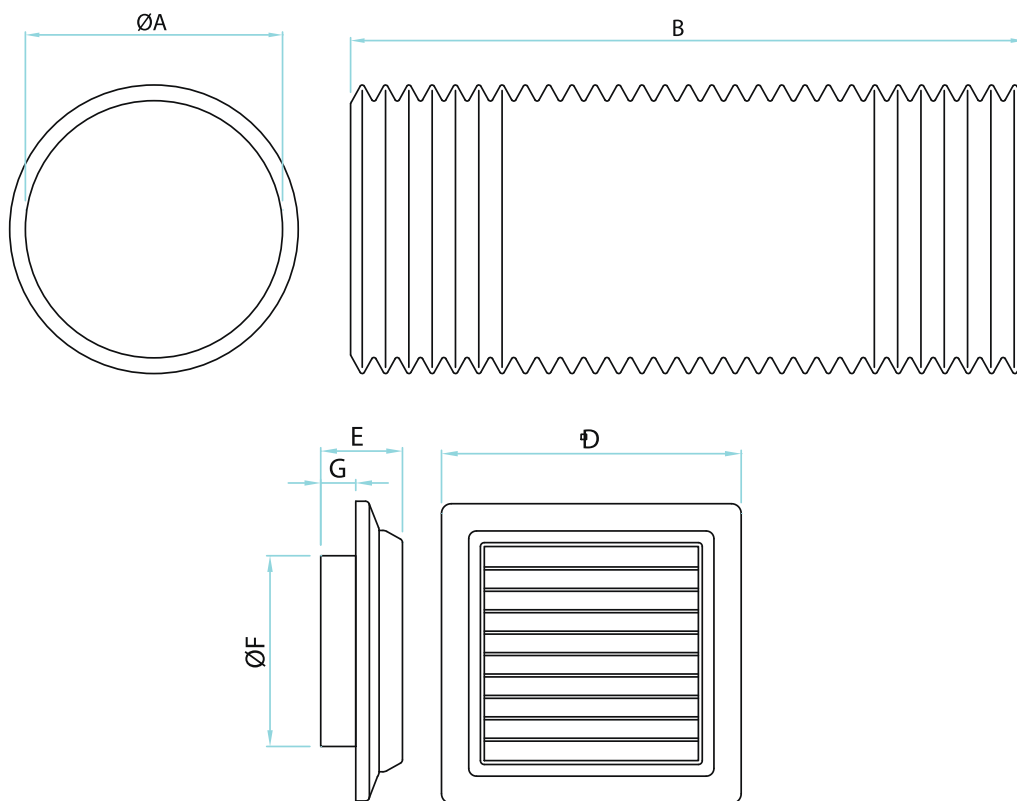
Model	SA100LV
Diameter.	100mm
Volts.	12*
Watts.	15
r/min	2500
l/sec.	27
Max Pa.	30
dBA @ 3m	41

* Supplied through a transformer operating outside the room on 230V

flexible wall sleeve kit



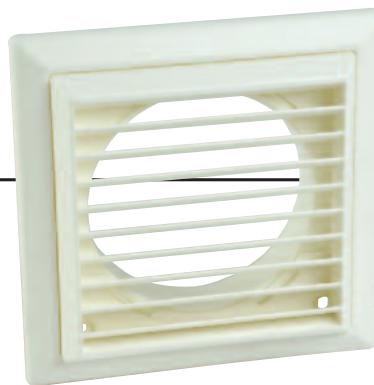
- Comprises durable white plastic grille for external mounting
- 3 metres of pvc flexible duct



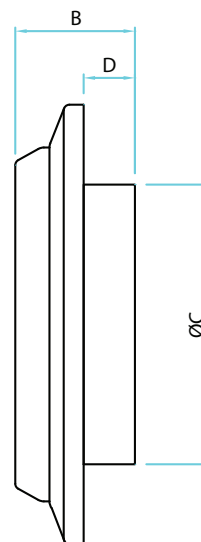
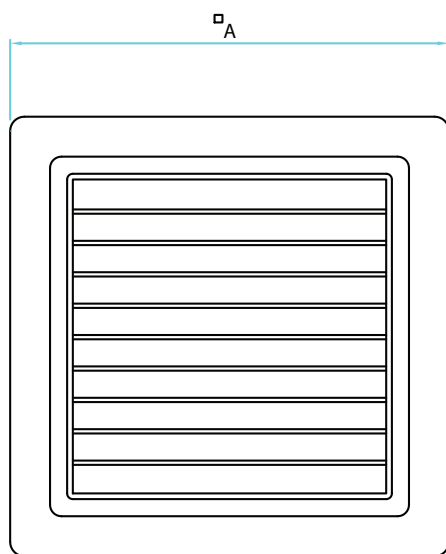
Product Code		A	B	Weight kg		D	E	F	G	Weight kg
SK100SAWKFlex	FLEX 100	100	356	0.305	GRILLE 100	154	42	98	18	0.114
SK125SAWKFlex	FLEX 125	125	356	0.385	GRILLE 125	200	58	123	28	0.210
SK150SAWKFlex	FLEX 150	150	356	0.474	GRILLE 150	200	58	148	28	0.210

accessories

external wall grille

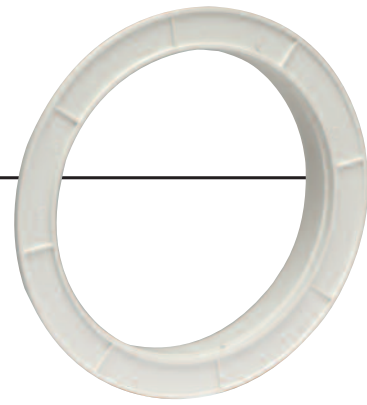


- Durable white plastic
- Mounted independantly of fan

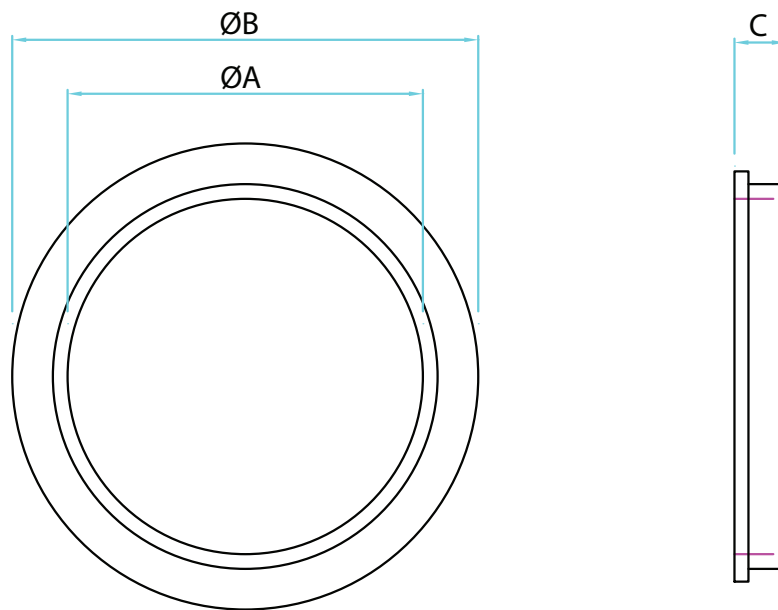


Product Code	A	B	C	D	Weight kg
SKGW-100D	154	42	98	18	0.114
SKGW-125D	200	58	123	28	0.210
SKGW-150D	200	58	148	28	0.210

fan locking ring



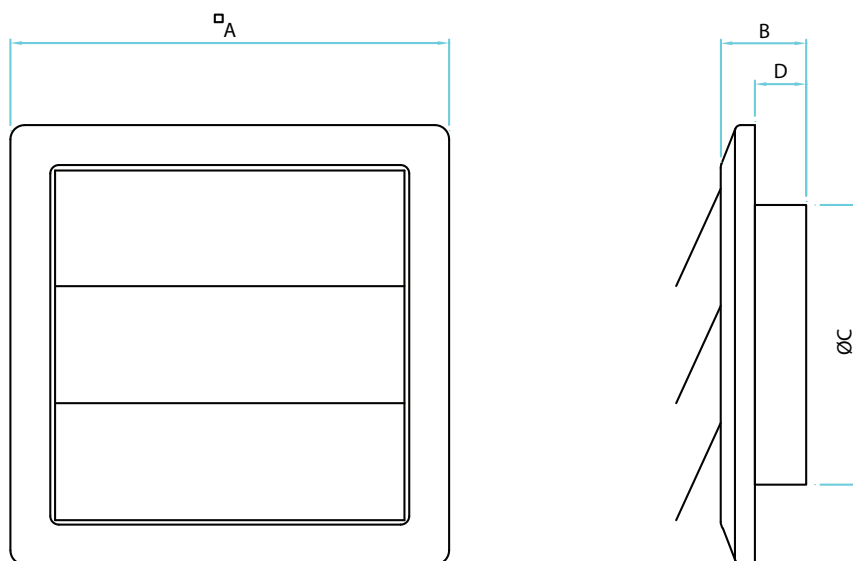
- Durable white plastic
- Fits directly to fan allowing easy installation without fixing screws



Product Code	A	B	C	Weight kg
SK100SACR	100	132	15	0.048
SK125SACR	125	155	26	0.075
SK150SACR	150	187	26	0.100



- Durable white plastic
- Opens automatically with airflow
- Mounted independently of fan



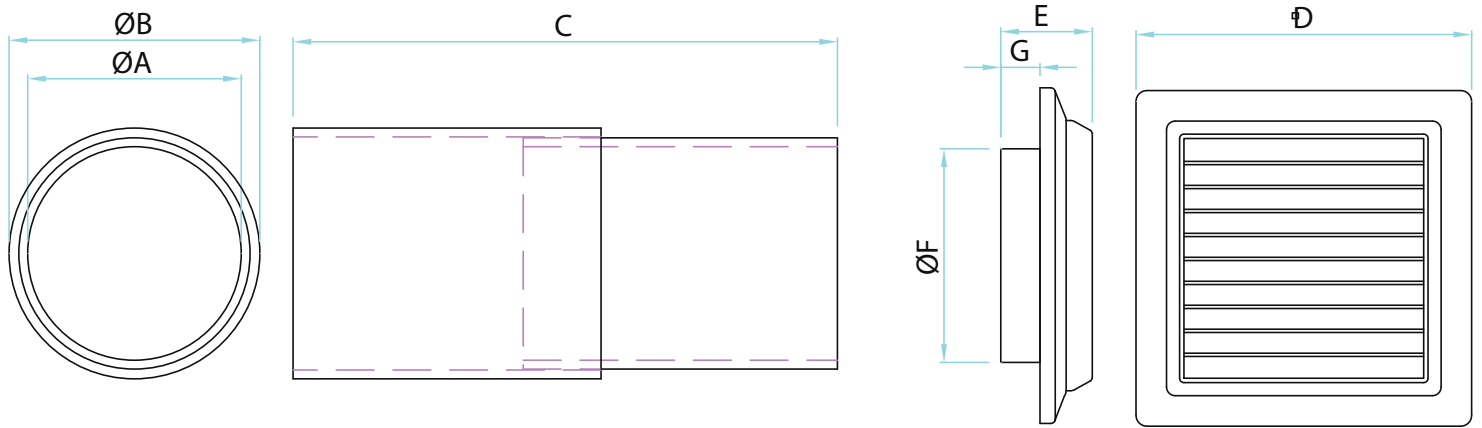
Product Code	A	B	C	D	Weight kg
SKFLW-100D	154	42	98	18	0.078
SKFLW-125D	200	58	123	28	0.178
SKFLW-150D	200	58	148	28	0.182

accessories

telescopic kit



- Durable white plastic grille for external mounting and rigid, white plastic telescopic sleeve.
- Minimum length of 215mm and maximum length of 380mm

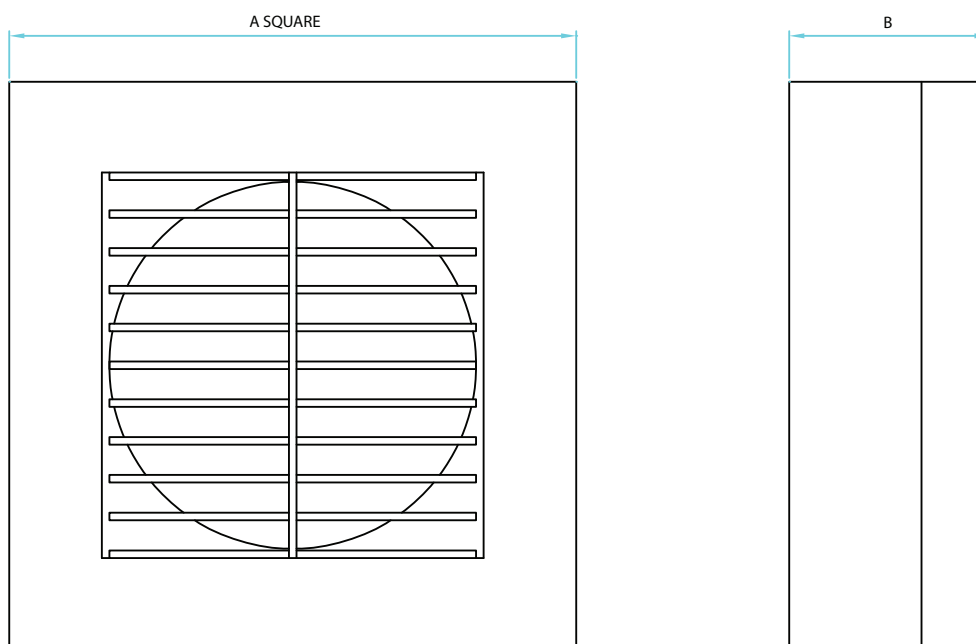


Product Code		A	B	C	Weight kg		D	E	F	G	Weight kg
SK100SAWKTLSCOP	SLEEVE 100	100	105	203/355	0.305	GRILLE 100	154	42	98	18	0.114
SK125SAWKTLSCOP	SLEEVE 125	125	130	203/355	0.385	GRILLE 125	200	58	123	28	0.210
SK150SAWKTLSCOP	SLEEVE 150	150	155	203/355	0.474	GRILLE 150	200	58	148	28	0.210

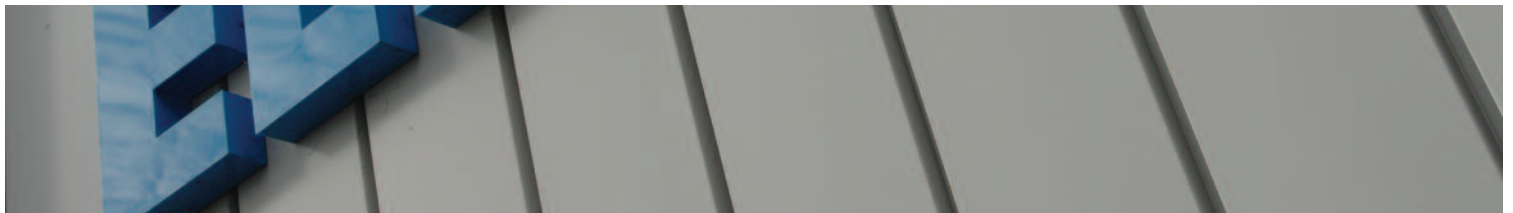
single glazing kit



- Comprises durable white plastic external grille and ceiling ring
- Allowing easy installation without fixing screws



Product Code	A	B	Weight kg
SK100SAWKSG	150	53	0.195
SK120SAWKSG	180	56	0.280
SK150SAWKSG	208	70	0.380



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