



ARCO S

Intermittent Extract Fan

ARCO S

Product Overview



- IPX4 splash proof, suitable for installation in Zones 1 and 2
- Quiet operation, provides unobtrusive ventilation
- Low power consumption, 100mm model has less than 8 watts operating power consumption for energy saving
- Reliable, sealed for life ball bearings for increased motor life and cold climates
- Integral back draught shutter to prevent return flow of air when the fan is off
- Unique BLADELET impeller design for optimised performance and acoustics
- Double insulated, no earth connections required
- Environmentally friendly, manufactured using totally recyclable plastic components
- Optimised spigot support preventing distortion and impeller interference
- Suitable for wall, ceiling or window mounting
- Complies with all UK building regulation requirements
- Each fan is individually tested prior to leaving the factory and meets the relevant standards
- Available in **AC**

Application

The Arco S range of fans are designed for intermittent extract of contaminants such as humid air and odour from bathrooms, kitchens and utility rooms. The fans are only triggered when required or when the room is in use.

The Arco S is our standard extract fan offering a good quality product with simple, discreet styling.

Operation

Arco S 100, Arco S 125 & Arco S 150

An external switch such as a light switch is used to switch the fan on and off.

Arco S 100C, Arco S 125C & Arco S 150C

The fan is turned on and off with an integral pull cord.

Arco S 100T, Arco S 125T & Arco S 150T

An external switch such as a light switch is used to switch the fan on and off. An integral over-run timer which will keep the fan running for a set amount of time after the external switch has been turned off.

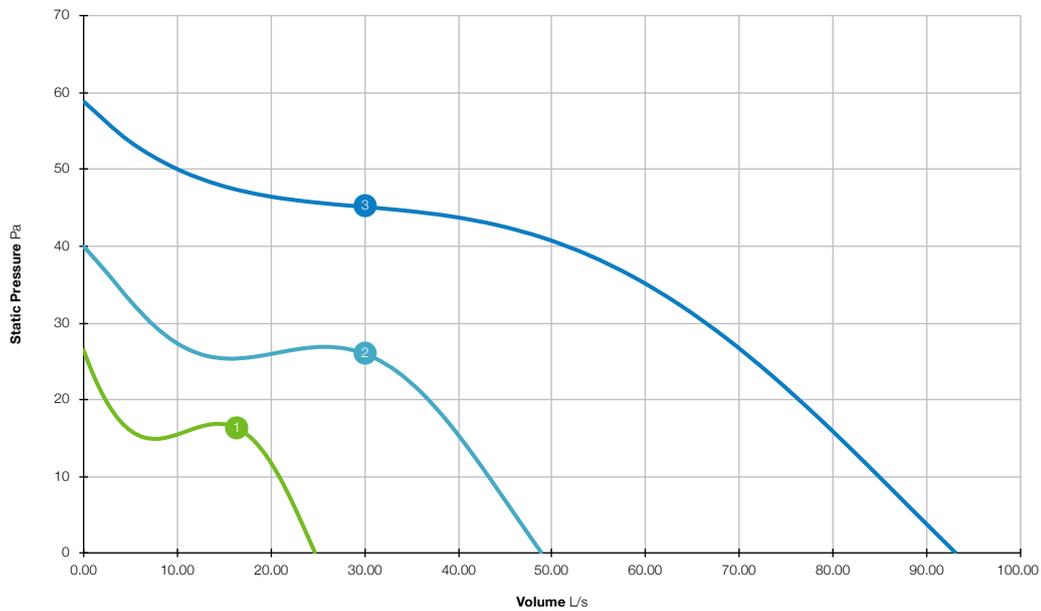
Arco S 100HTC, Arco S 125HTC & Arco S 150HTC

The fan is built with an integral timer and humidistat. The fan can be switched on via an external switch or the integral humidistat, which will trigger the fan once the relative humidity level exceeds a selectable threshold.

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Performance Range Curves



- 1 ARCO S 100
- 2 ARCO S 125
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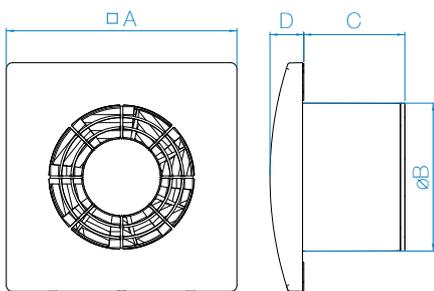
Single Phase 220V to 240V / 50Hz or 60Hz

Product Code	Airflow L/s max	Power W max	SFP W/(L/s)	Sound Pressure dBA @3 m	Ambient Temperature °C max
ARCO S 100	24.5	8	0.35	26	50
ARCO S 125	48.6	14	0.27	33	50
ARCO S 150	91.6	24	0.27	42	50

Dimensional Data

Single Phase

Product Code	A	B	C	D
ARCO S 100	164	99	70	28
ARCO S 125	184	119	81	27
ARCO S 150	218	148	97	27



Dimensions are in mm.

Single Phase

Product Code	350mm Wall Sleeve	Ceiling Mount Kit	External Fixed Grille	Jubilee Clip	PVC Flexible Duct 1m	Window Kit with External Fixed Grille
ARCO S 100	410-EKC242	410-CG100	410-GE100	410-EKC264	410-P0032/102/35	410-WKG100
ARCO S 125	410-EKC266	410-CG125	410-GE125	410-EKC611	410-P0032/133/35	410-WKG125
ARCO S 150	410-EKC660	410-CG150	410-GE150	410-EKC674	410-P0032/152/35	410-WKG 150

350MM WALL SLEEVE

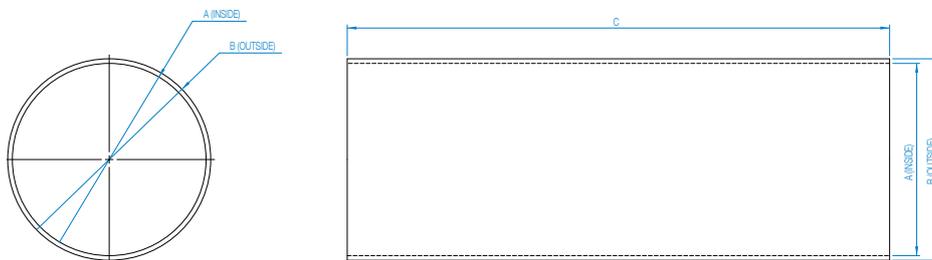
Accessories



The 350mm round wall sleeve is manufactured from rigid PVCu.

The wall sleeve is primarily a pre-cut wall liner for individual extract fan installations.

Product Code	A	B	C
410-EKC242	100	103	350
410-EKC266	125	128	350
410-EKC660	150	154	350



Dimensions are in mm.

CEILING MOUNT KIT

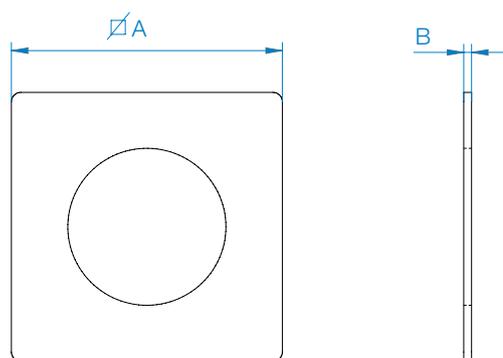
Accessories



Rubber gasket ceiling mount kit for Arco fans.

- Maintains IPX4 rating of Arco fans when ceiling mounted
- Required when Arco fan is ceiling mounted within Zones 1 and 2
- Limits water splashback entering fan housing.

Product Code	A	B
410-CG100	173	5
410-CG125	196	5
410-CG150	230	5



Dimensions are in mm.

EXTERNAL FIXED GRILLE

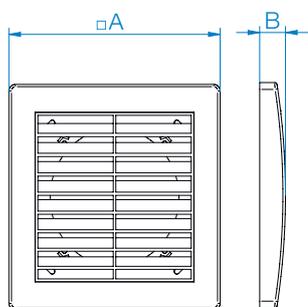
Accessories



External fixed grille, made of high quality ABS, shock-proof and UV resistant, RAL9010.

Recommended for installation in combination with fans equipped with shutters.

Product Code	A	B
410-GE100	164	20
410-GE125	184	20
410-GE150	210	20



Dimensions are in mm.

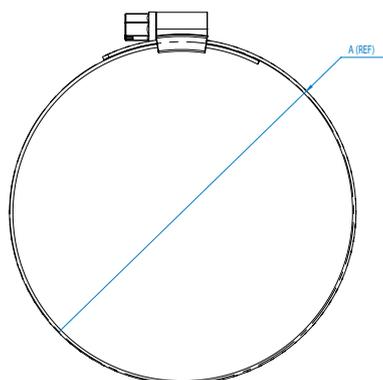
JUBILEE CLIP

Accessories



- Metal hose joining clip
- This clip can be used to connect flexible duct to fans and duct fittings
- Perfectly suited for ducting your Arco bathroom extractor fan and AVIO inline fans

Product Code	A	Min	Max
410-EKC264	100	100	110
410-EKC611	125	120	140
410-EKC674	150	140	160



Dimensions are in mm.

PVC FLEXIBLE DUCT 1M

Accessories



- White flexible PVC duct manufactured with a lightweight wire spiral reinforcement
- 1 metre in length
- Suitable for use with small extractor fans requiring low ventilation rates
- Used for short runs where rigid duct is not suitable
- Made in the UK using high-quality PVC Material. Max / Min Temperature: +70°C / -5°C

Product Code	Fan Dia.
410-P0032/102/35	100
410-P0032/133/35	125
410-P0032/152/35	150

Dimensions are in mm.

WINDOW KIT WITH EXTERNAL FIXED GRILLE

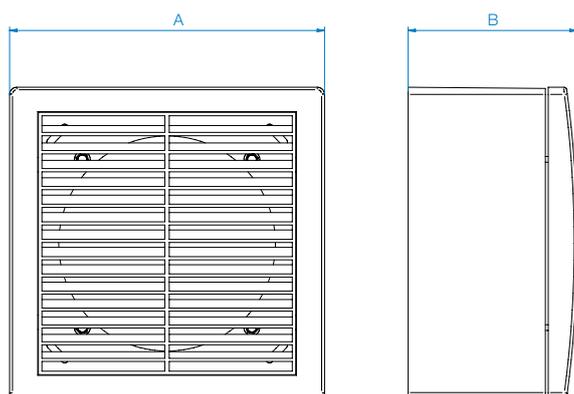
Accessories

Window kit with external fixed grille, made of high quality ABS, shock-proof and UV resistant, RAL9010.

Recommended for installation in combination with fans without shutters.



Product Code	A	B	Ø Glass Hole
410-WKG100	164	87	120
410-WKG125	184	100	141
410-WKG150	218	117	178



Dimensions are in mm.

Building Services

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