



# ARCO A

## Intermittent Extract Fan

# ARCO A

## Product Overview



- IPX4 splash proof, suitable for installation in Zones 1 and 2
- Silent operating automatic shutter front fascia powered by Thermo Actuator for air tightness
- Quiet operation, provides unobtrusive ventilation
- Reliable, sealed for life ball bearings for increased motor life and cold climates
- Integral Mylar backdraught 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

Designed for intermittent extract of contaminants such as odours and humid air from bathrooms, kitchens and utility rooms.

The fans are only triggered when required, reducing running costs and making them more energy-efficient. They also come with automatic front shutters which only open when the fan is in use to stop any unwanted backdraughts coming through the fan.

### Operation

#### Arco A 125 & Arco A 150

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

#### Arco A 125C & Arco A 150C

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

#### Arco A 125T & Arco 150T

An external switch such 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.

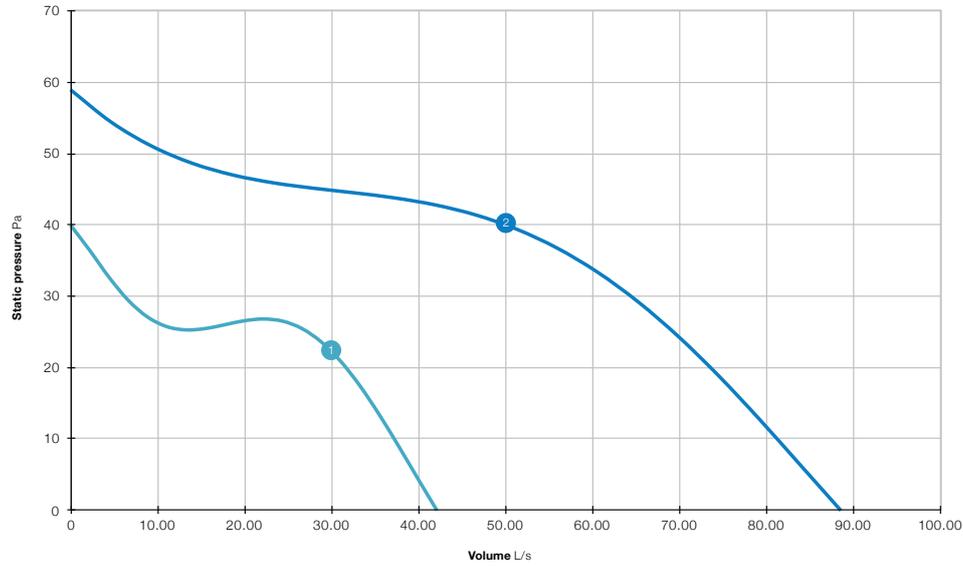
#### Arco A 125 HTC & Arco A 150 HTC

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

### Contents

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## Performance Range Curves



- 1 ARCO A 125
- 2 ARCO A 150

## Performance, SFP & Electrical Data

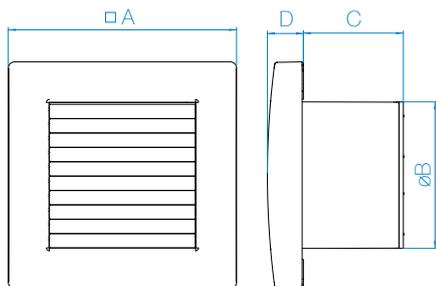
**Single Phase** 220V to 240V / 50Hz or 60Hz

Model	Airflow L/s max	Power W max	SFP W/(L/s)	Sound Pressure dBA @3 m	Ambient Temperature °C max
ARCO A 125	41.9	16	0.35	38	50
ARCO A 150	88.1	26	0.28	43	50

220-240V, 50-60Hz. Air performance measured according to ISO 5801.  
All data measured in our TÜV Rheinland accredited laboratory.

### Single Phase

Product Code	A	B	C	D
ARCO A 125	184	119	81	30
ARCO A 150	218	148	97	32



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
<a href="#">ARCO A 125</a>	410-EKC266	410-CG125	410-GE125	410-EKC611	410-P0032/133/35	410-WKG125
<a href="#">ARCO A 150</a>	410-EKC660	410-CG150	410-GE150	410-EKC674	410-P0032/152/35	410-WKG150

# 350MM WALL SLEEVE

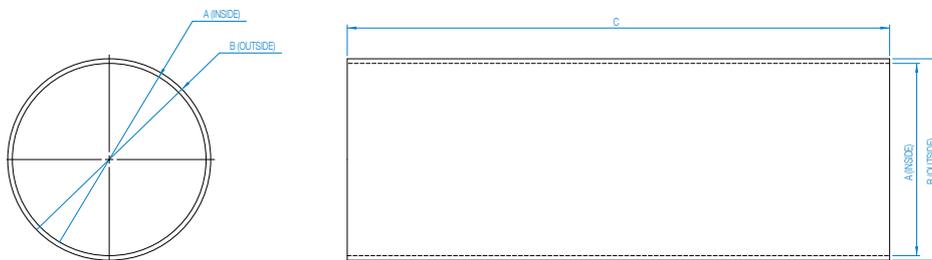
## Accessories



**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-EKC266	125	128	350
410-EKC660	150	154	350



Dimensions are in mm.

# CEILING MOUNT KIT

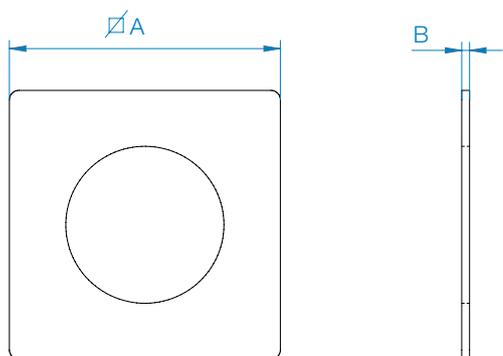
## Accessories



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-CG125	196	5
410-CG150	230	5



Dimensions are in mm.

# EXTERNAL FIXED GRILLE

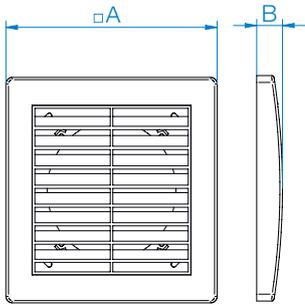
## Accessories



**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-GE125	184	20
410-GE150	210	20



Dimensions are in mm.

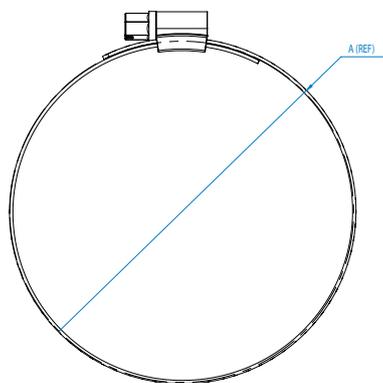
# JUBILEE CLIP

## 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
<a href="#">410-EKC611</a>	125	120	140
<a href="#">410-EKC674</a>	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.
<a href="#">410-P0032/133/35</a>	125
<a href="#">410-P0032/152/35</a>	150

Dimensions are in mm.

# WINDOW KIT WITH EXTERNAL FIXED GRILLE

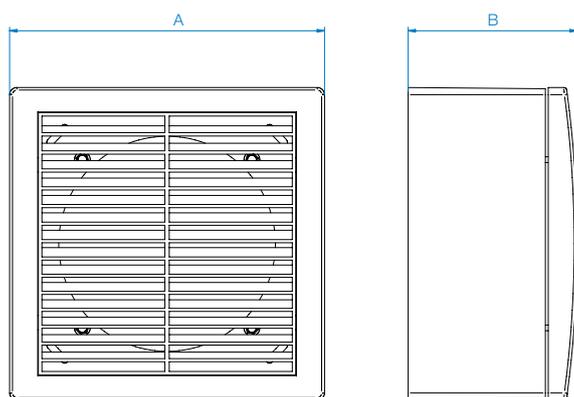
## Accessories

**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-WKG125	184	100	141
410-WKG150	218	117	178



Dimensions are in mm.







## Building Services

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AA-03-2018 Issue A



BS EN ISO 9001:2015 FM 556465

