



# ARCO D

Intermittent Extract Fan

# ARCO D

## Product Overview



- IPX4 splash proof, suitable for installation in Zones 1 and 2
- Quiet operation, provides unobtrusive ventilation
- Reliable, sealed for life ball bearings for increased motor life and cold climates
- Integral 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

The Arco D 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 D range is equipped with a design front fascia that helps the fan blend into the wall or ceiling making it even more discreet.

### Operation

#### **Arco D 100, Arco D 125 & Arco D 150**

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

#### **Arco D 100C, Arco D 125C & Arco D 150C**

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

#### **Arco D 100T, Arco D 125T & Arco D 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.

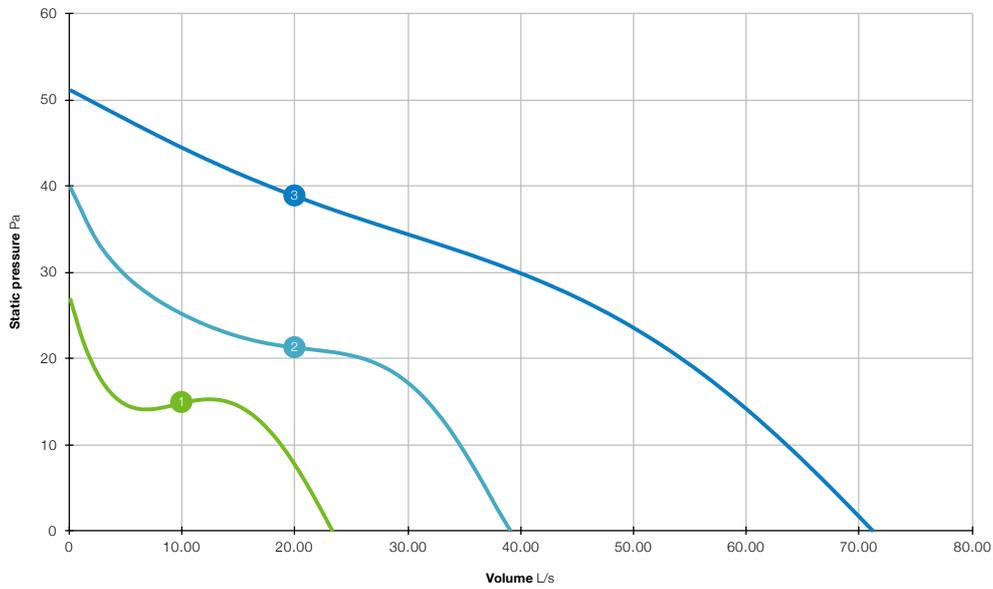
#### **Arco D 100HTC, Arco D 125HTC & Arco D 150HTC**

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

Page	Information
3	Performance Range Curves
4	Performance, SFP & Electrical Data
5	Dimensional Data
6	Accessories

## Performance Range Curves



- 1 ARCO D 100
- 2 ARCO D 125
- 3 ARCO D 150

\*For low speed data refer to performance tables.

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

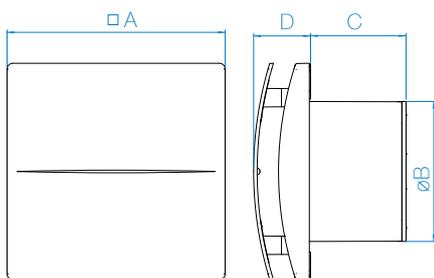
Product Code	Airflow L/s max	Power W max	SFP W/(L/s)	Sound Pressure dBA @3 m	Ambient Temperature °C max
ARCO D 100	23.1	8	0.38	26	50
ARCO D 125	39.0	14	0.33	34	50
ARCO D 150	70.7	24	0.34	42	50

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

## Dimensional Data

### Single Phase

Product Code	A	B	C	D
ARCO D 100	164	99	70	46
ARCO D 125	184	119	81	48
ARCO D 150	218	148	97	52



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 D 100</a>	410-EKC242	410-CG100	410-GE100	410-EKC264	410-P0032/102/35	410-WKG100
<a href="#">ARCO D 125</a>	410-EKC266	410-CG125	410-GE125	410-EKC611	410-P0032/133/35	410-WKG125
<a href="#">ARCO D 150</a>	410-EKC660	410-CG150	410-GE150	410-EKC674	410-P0032/152/35	410-WKG150

# 350MM WALL SLEEVE

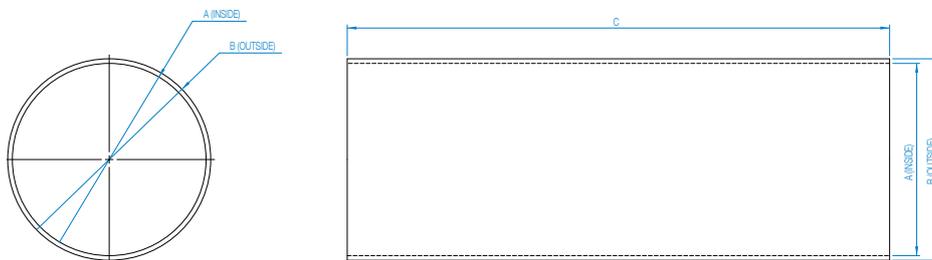
## Accessories



**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-EKC242	100	103	350
410-EKC266	125	128	350
410-EKC660	150	154	350



Dimensions are in mm.

# CEILING MOUNT KIT

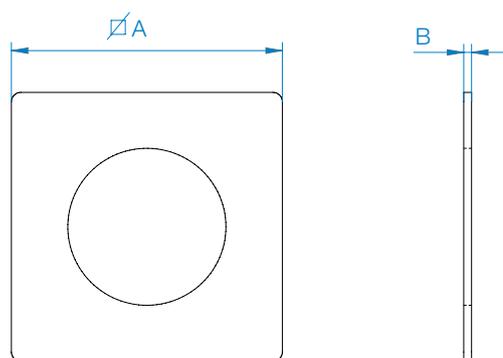
## Accessories



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
<a href="#">410-CG100</a>	173	5
<a href="#">410-CG125</a>	196	5
<a href="#">410-CG150</a>	230	5



Dimensions are in mm.

# EXTERNAL FIXED GRILLE

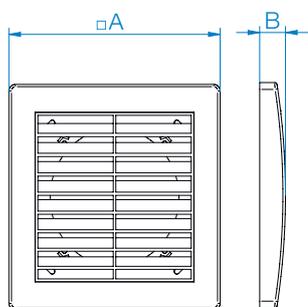
## Accessories



**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.

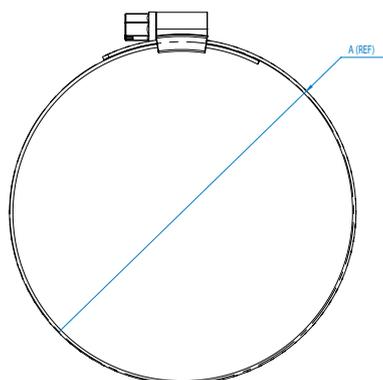
# JUBILEE CLIP

## 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
<a href="#">410-EKC264</a>	100	100	110
<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-P0032/102/35</a>	100
<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

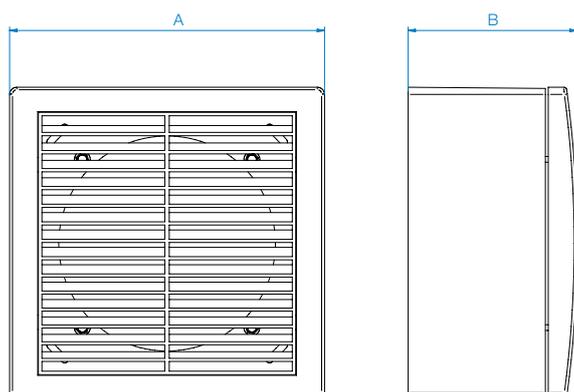
## Accessories

**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-WKG100	164	87	120
410-WKG125	184	100	141
410-WKG150	218	117	178



Dimensions are in mm.







## Building Services

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