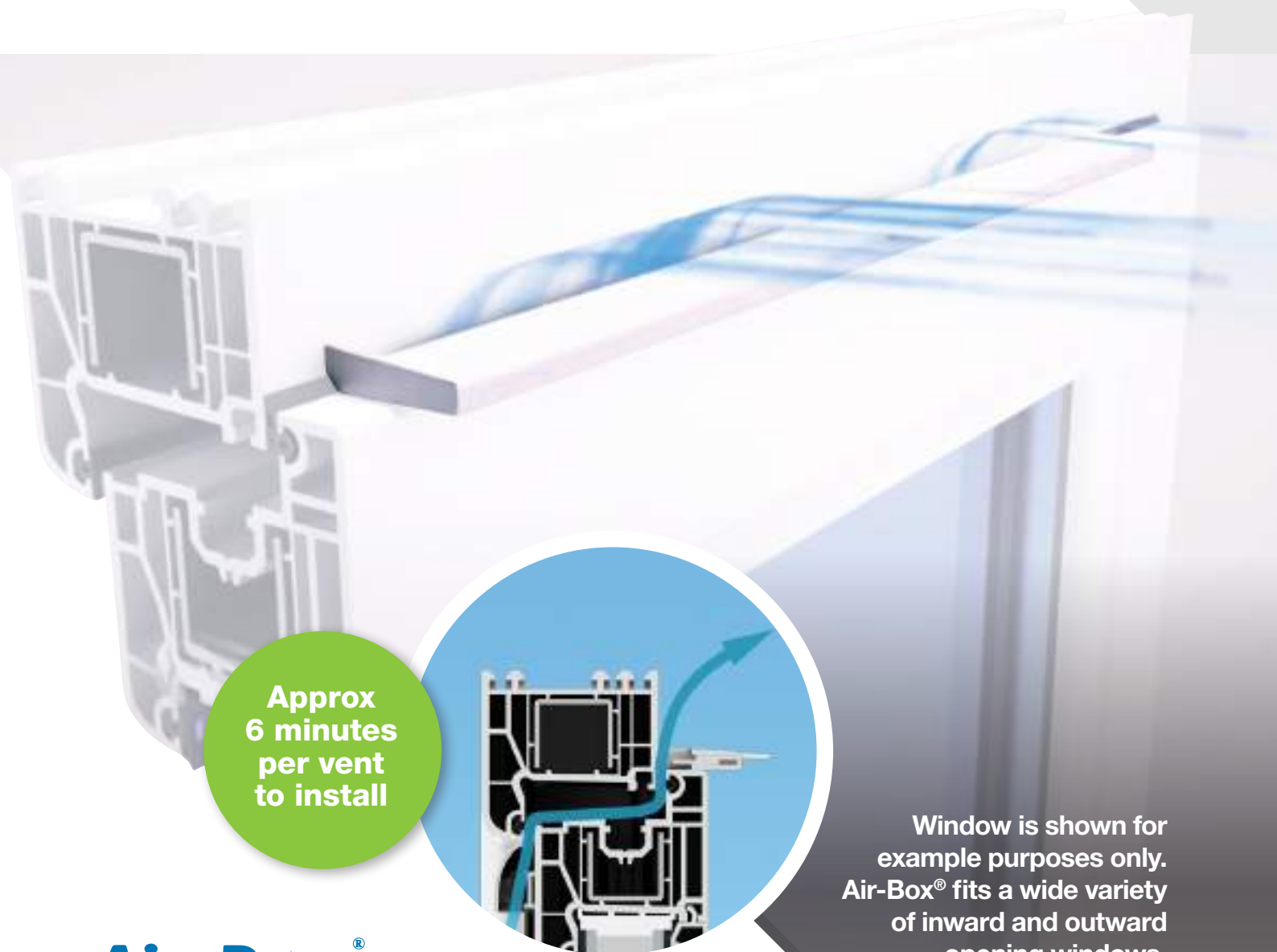


FAO RETROFIT COORDINATORS
Please use this technical sheet as
part of your Retrofit Design Form

pas safe
SOLUTIONS

PAS2030: 2019/PAS 2035 TECHNICAL INFORMATION

Incorporating Approved Document: Part F



**Approx
6 minutes
per vent
to install**

Window is shown for
example purposes only.
Air-Box® fits a wide variety
of inward and outward
opening windows.

Air-Box®

A perfect solution for ECO installers
meeting **PAS2030:2019** requirements
easily and inexpensively with no
drilling required!

**Ventilation Product Tested
to BS EN 13141 – 1**

Tens of thousands sold and successfully installed in ECO sector since August 2021

Technical passport

The Air-Box ventilation valve is used for the organization of air exchange in accordance with the Europe standards and guidelines DIN EN 1946-6, DIN EN 18017-3, EnEV 2009 and 2014, "Heating and ventilation in residential and public buildings"

TECHNICAL SPECIFICATION

	Air-Box Comfort
Air permeability	1-43 m3/h
Operating temperature	-45°C - +75°C
Dimensions 1. Valve 2. Filter	1.350 x 42.5 x 8.5mm
Weight	100 gr.
Colour	White, Brown (RAL8017), Anthracite (RAL7016)
Material	ABS, PVC, TPE
Installation	Suitable for all PVC window brands

COMPLETION

Valve Air-Box	1 pcs.
External filter guard	-
Filter (G2,G3,G4 according to EN779)	-
Fasteners	2 pcs. (350mm)
Screws d 4mm	3 pcs.
Instructions	1 pcs.
Individual packaging	1 pcs.
Packaging (box)	100 pcs.

Air-Box Comfort air permeability in accordance with the Europe standards and guidelines DIN EN 1946-6, DIN EN 18017-3, EnEV 2009 and 2014, "Heating and ventilation in residential and public buildings"

Pressure difference (Pa)	Air permeability (m3/h) Air-Box Comfort
10	13
20	18.5
30	23.3
40	27.5
50	32
100	43

Declaration of Conformity

Nr. 21122018-1

PRODUCT

Fresh air valve with soundproofing Air-Box Comfort
Made in accordance with Technical Specifications TU 22.29.29-001-15517111-2018 (serial release)

MANUFACTURER

LLC "MABITEK"

Address: 142103, Russia, Moscow reg., Podolsk, Bronnitskaja str. 1, 10-2

TIN: 5074057272

Company representative in Europe: LLC REMSON (reg. nr. 40103886057)

ISSUED BASED ON

- The following certification testing protocols: Nr.181219 no 19.12.2018 issued by a testing laboratory "Aru Grupp AS laboratory, Hulja, Lääne-Virumaa, Estonia" from a limited liability company "Protsessiekspert OÜ, Rakvere, Lääne-Virumaa, Estonia" (reg.nr. 12173711)
- Test report Nr.1003-02/12-TsST no 22.02.2018 issued by a testing laboratory "TsST-Ispytaniya" from a limited liability company "CENTR-STANDART", registered accreditation certificate Nr. POCC RU.31485.04-0.004
- Sanitary and epidemiological testing Nr. 1206-01281 DA no 04.06.2012

The Comfort ventilation valve is used for the organization of air exchange in accordance with the Europe standards and guidelines DIN EN 1946-6, DIN EN 18017-3, EnEV 2009 and 2014, "Heating and ventilation in residential and public buildings".

Air-Box products are outside of the scope of the Construction Directive 89/106/EEC, they do not fall under a uniform standard, and they are not subject to the mandatory CE 89/106/EEC certification.

Representative of "MABITEK"

LLC REMSON / Member of the Board:

Andrejs Voronovs

Riga, 21.12.2018



**This Airbox ventilation product has been tested to BS EN 13141 – 1
by BRE as required by Approved Document – Part F.**

Air-Box® Comfort

The Comfort series ventilation valve is used for the organization of air exchange in accordance with the Europe standards and guidelines DIN EN 1946-6, DIN EN 18017-3, EnEV 2009 and 2014, "Heating and ventilation in residential and public buildings" (absolute minimum 15 m³/h per person). A special feature of the Air-Box Comfort valve is the ability to quickly install without milling or drilling a window profile.

Principle of Operation

Fresh air from the outside, passing through the filter installed in the visor, enters the channel between the frame and sash at the place of removal of a fragment of a typical seal. Then through the valve installed on the top of the sash, the purified air enters the room. Moving the flap knob ensures smooth air flow control.



**Can be fitted
on inward and
outward opening
windows.**

Pricing

Quantity	Price (each)
0-99	£12
100-499	£10
500-999	£9.50
1,000+	£9

If ordering less than 100 units an additional delivery charge of £17.50 plus VAT to cover costs will be invoiced at time of order.

Available colours



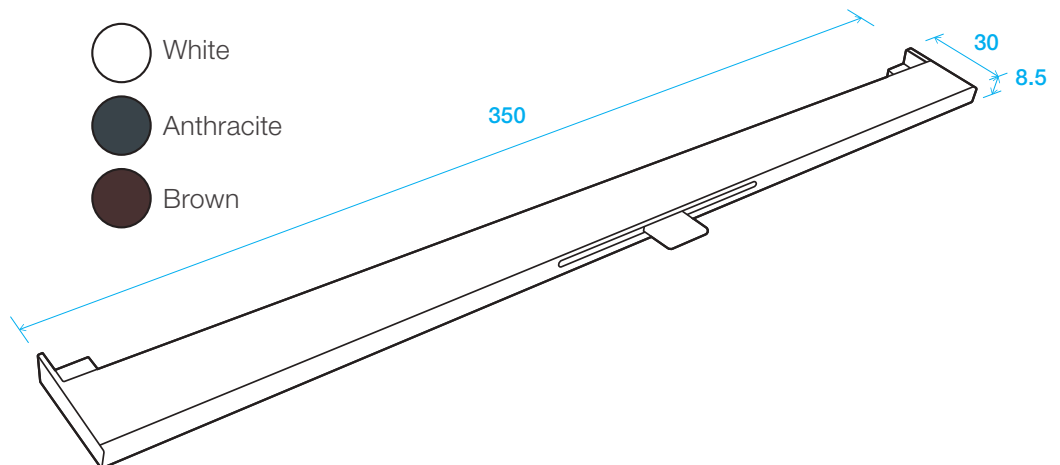
White



Anthracite



Brown



PAS Safe Solutions are the specialist ECO supplies company which brings a variety of solutions to Energy Company Obligation installations. PAS Safe Solutions are fast becoming a single source supplier for ECO installers. Make sure you see what other solutions we have available. Many new ideas are coming on stream over the coming months.

PLEASE CONTACT:

Ashley Brown on **07588 616210** or email: ashley.brown@passafesolutions.com

Deano Tsimboykas on **07732 584475** or email: deano@passafesolutions.com

The Airbox product has been fully tested to BS EN 13141 – 1 by BRE as required by Approved Document – Part F.

Airbox is a **background ventilation** product designed to provide controllable **whole building ventilation** as defined by Approved Document F. Therefore, the product meets the requirements as laid out in PAS2030: 2019 and PAS 2035.

A temporary sticker is provided to apply to the installed product to show the equivalent area in mm² of air permeability that each product provides. This should be applied for Technical Monitoring agents to clearly see that the product meets the criteria laid down in Part F.

The minimum stickers which should be applied, and must be clearly legible are as follows:

- Air Permeability Measurement
- Tested to BS EN 13141 – 1
- PAS2030: 2019 Compliant
- PAS2035 Compliant

These stickers can be removed after such time that the property has been technically monitored. Please advise the customer of the importance of leaving these stickers on the product until such time that monitoring has been completed.

Airbox does not have a BS Kitemark or CE Mark. CE Marking on a product is a manufacturer's declaration that the product complies with the essential requirements of the relevant European health, safety and environmental protection legislation, but it is not a quality mark and does not necessarily mean that the product will be suitable for all end users in all Member States.

The Construction Products Regulation July 2013 came into force from 01/07/13 and is mandatory and legally binding on all Manufacturers, Importers & Distributors of all Construction Products covered by Harmonised European Standards (hENs) or conforming to a European Technical Assessment (ETA). Airbox products do not come under either the hENs or ETAs. Consequently Airbox products are not CE marked. There is also no Kitemark or BS mark which would be applicable to this product.

The Building Regulations 2000, Approved Part F indicate that a product of this type should be tested to BS EN 13141-1 which was carried out by BRE in December 2021. This is **NOT** a pass or fail test.

The product's air permeability has already been tested to EN1026: 2016. Airbox is used for the organization of air exchange in accordance with the Europe standards and guidelines DIN EN 1946-6, DIN EN 18017-3, EnEV 2009 and 2014, "Heating and ventilation in residential and public buildings".

If Technical Monitoring Agents, Retrofit Designers, retrofit Coordinators or ECO Funding Companies have any queries, on the product, please call on 07588 616210. PAS Safe Solution have in-house qualified ventilation experts and Retrofit Coordinators who will explain any aspect of the product being used in ECO under the current scheme requirements.

PAS Safe Solutions Limited
January 2022