BRC
brcsa.com

Clean efficiency

Catalogue 2018

INSECT CONTROL

HYGIENE EQUIPMENT

AIR COMFORT
AND AIR CONTROL

Domestic │ Business, Administration, Medical & Social │ Hospitality & Catering │ Agriculture │ Manufacturing

MADE IN
FRANCE

1943

1975

2016

BRC

CLEAN EFFICIENCY

BRC, a French manufacturing company created in 1943, designs, produces and markets reliable insect traps, hygiene equipment, and air comfort and air control devices.

In its efforts to constantly improve its products and services, BRC makes customer satisfaction the focus of its business activities and has been doing so for over 70 years. Its values are based on quality, innovation and commitment. All BRC product ranges are manufactured in France and comply with European standards (CE marking) and HACCP recommendations.

The BRC team is proud of its continuous collaboration with French and European suppliers, and of its contribution to the local economy, as well as to supporting jobs and creating employment in France. As a company steadfast in its environmentally friendly approach, BRC is committed to designing sturdy, sustainable products.

As a means of staying attuned to the needs of its customers, this guide is offered with a full explanatory introduction to the BRC product range, including recommendations specific to each activity sector in order to better address all requirements, as well as information relating to technical information and standards.

For further information, go to: **www.brcsa.com**

CONTENTS

Introducing the **5** ACTIVITY SECTORS

In order to meet your exact requirements, we have broken down our markets into activity sectors.

This breakdown provides explanations for product references with the technical features and advantages best suited to your environment.

For example, we recommend the IP54 international protection rating for an insect trap installed in an environment exposed to splashing water, such as the food processing industry.

You will find on the following pages a list of devices recommended for each activity sector, as well as recommendations for applicable locations.

These 5 sectors are represented by icons:

DOMESTIC sector

BUSINESS, ADMINISTRATION, MEDICAL/SOCIAL sector

HOSPITALITY & CATERING sector

AGRICULTURE sector

MANUFACTURING sector

Catalogue **GUIDE**

Main theme

Product category

Product range

Icons for ranges relevant to the sectors

Icons for the characteristics: Made in France, warranty, CE, etc.

Icons for electric / glue

Table of technical data

On some products: Icon for international protection rating and/or icon for steel quality

Text: Characteristics Directions Options Advantages

DOMESTIC
SECTOR

Applications

Houses, apartments, garden patios, balconies, mobile homes, camping trailers, etc.

For a smartly decorated kitchen or sitting room/family room
A **B** **C**

Ideal on the patio
A **C** **D**

For comfortable get-aways
A **C** **D**

RECOMMENDATIONS

INSECT CONTROL

A IGLU® p.14

B GT® p.15

C FLYinBOX GLU® p.19

AIR COMFORT AND AIR CONTROL

D Infrared heaters p.35

BUSINESS, ADMINISTRATION, MEDICAL/SOCIAL

SECTOR

Applications

Offices, doctors' and vets' surgeries, analysis laboratories, day nurseries, retirement homes, retail outlets (except for food outlets), schools, recreational areas, discotheques, smoking rooms, etc.

Offices
A B C E
H I

Non-food retail outlets: hairdressing salons, banks, etc.
A B C I

Doctors' and vets' surgeries
A B C D E
G J

Outdoor facilities
F

RECOMMENDATIONS

INSECT CONTROL

A **GT®** p.15

B **MG®** p.16
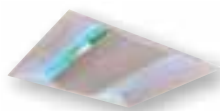
C **FLYinBOX®** p.18   E **PG40LB** p.20   E **CAPTURE®** p.21

HYGIENE EQUIPMENT

F **Ashtrays / Bins** p.32

G **Disinfection** p.33

AIR COMFORT AND AIR CONTROL

H **Electrostatic air purifiers** p.37

I **Photocatalytic air purifiers** p.38

J **Germicidal UV air purifiers** p.39

HOSPITALITY & CATERING
SECTOR

Applications

Food retail outlets (bakery, butcher's shop, delicatessen, caterer, fishmonger, etc.), coffee shop, fast-food outlets, mass and conventional catering, coffee shops, bars, OT, hotels, tourist hubs, smokehouses, etc.)

Refuse rooms
D E

Food retail outlets
C D E
H I

Hotels
A B C G
K M

Patios
J L

Restaurant dining rooms
A B C

Restaurants, cafeterias: Kitchen, washing up
C D E F
H I K N

RECOMMENDATIONS

INSECT CONTROL

A GT® p.15
B MG® p.16
C FLYinBOX® p.18
D PG40LB p.20
E CAPTURE® p.21
F AGR® (wall) p.23
G THERMOBUG® p.13

HYGIENE EQUIPMENT

H Sterilisation cupboards p.29-30
I Hand sinks p.31
J Ashtrays / Bins p.32
K Disinfection p.33

AIR COMFORT AND AIR CONTROL

L Infrared heaters p.35
M Electrostatic air purifiers p.37
N Eolis® p.44
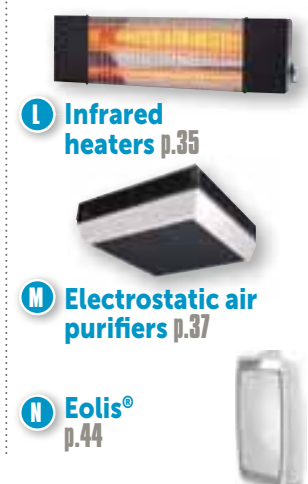
AGRICULTURE
SECTOR

Applications

Agricultural, wine-producing and horticultural operations, etc.

Milking parlours for sheep and cattle
(A) (B) (C) (F) (G)

Wine warehouses
(A) (B) (C) (H)

Cottage industries (cheese, meat, etc.)
(B) (C) (D) (E)

RECOMMENDATIONS

INSECT CONTROL

(B) **AGR® p.23**

(C) **INOXTRAP® p.22**
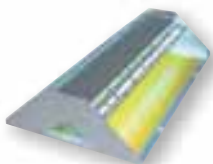
HYGIENE EQUIPMENT

(D) **Sterilisation cupboards p.29-30**

(E) **Hand sinks p.31**

(F) **Disinfection p.33**

AIR COMFORT AND AIR CONTROL
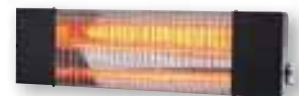
(G) **Infrared heaters p.35**

(H) **Photocatalytic air purifiers p.38**

MANUFACTURING
SECTOR

Applications

Industries: food-processing, pharmaceutical, electronic, textile, printing, construction, energy, plastics processing, metalworking, chemicals, etc.

Production areas
A B C

Storage areas
A B C

Access areas
E

High-risk environments
D

Loading/Unloading areas
F

RECOMMENDATIONS

INSECT CONTROL

B **AGR® p.23**
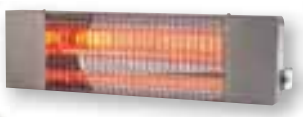
C **INOXTRAP® p.22**   D **VORTEX® p.24**

HYGIENE EQUIPMENT

E **Hand sinks p.31**

AIR COMFORT AND AIR CONTROL

F **Infrared heaters p.35**

INSECT CONTROL
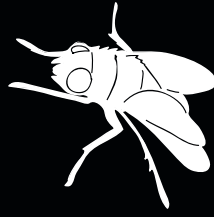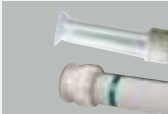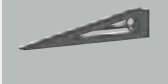
BRC insect traps are suited to all environments, including the harshest ones. Whether electric or glue-based, the insect traps offer the most reliable solution against flying insects, at a low operating cost. In fact, their effectiveness is based on the strong attraction of insects to the UVA fluorescent lamps. Their non-polluting properties and chemical- and odour-free features make them environmentally friendly, economical and durable.

Several criteria should be taken into consideration in determining what best fits your requirements.

Legend for icons:

Icon	Description
⚡	Electrocution grid
	Glue board
iP 54 iP 65	Protection rating
inox 304	304 stainless steel
Ex	ATEX

Images of the options:

Lamp or shatterproof tube

Bracket

Recommended installation plan for optimal effectiveness

	Electric insect traps	Glue board insect traps
Advisable	• At an interception point between the areas to be protected and insect entry points • Away from openings to the outdoors in order to limit competing UVA-rich sunlight	
	• The peripheral areas helping to minimise the use of consumables	• The areas near to food preparation
Avoid	• Dusty areas • Areas with air circulation	
	• The areas near to food preparation	

The device must be operated 24/7.

Light: a source of attraction for insects

The orientation of an organism or plant in response to light is known as phototropism. The response is stimulated either towards the light radiation (positive phototropism) for insects for instance, or towards the opposite direction (negative phototropism).

Insects are attracted by UVA radiation (between 315 and 400 nml), which has an attraction peak of 368 nm.
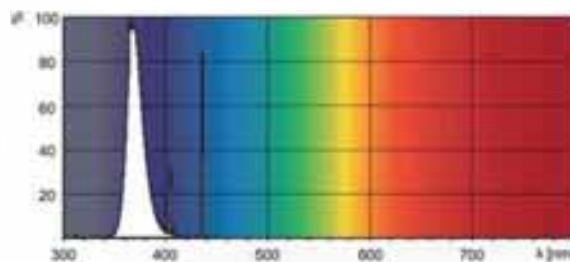
Philips photometric data

Lamps and tubes

The **average lifespan** of a lamp is 9000 hours. However, the luminous flux of a lamp gradually diminishes.

Luminous flux (%)
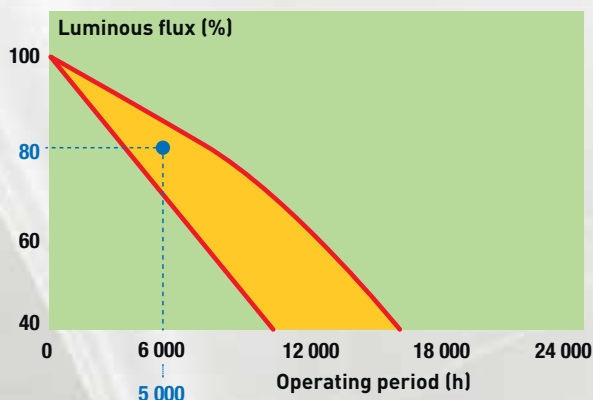
Operating period (h)

The **operating period** is equivalent to the number of hours after which a lamp no longer emits more than 80% of its luminous flux. This luminous flux is 5000 hours (6 to 7 months), or the period after which replacement of the lamp is recommended in order to maintain optimum efficacy.

The characteristics of the lamps and tubes used by BRC are as follows:
• Soft bluish light
• Very high UV radiation: peak at 368 nm (wavelength at which the insects'eyes become sensitive)
• Low in heavy metals (RoHS)
• European know-how and European-manufactured
  Leading brand names: Philips® and Sylvania®

SYLVANIA
PHILIPS

SHATTER-PROOF

Whether optional or standard, the high-quality "shatter-proof" Teflon® (PTFE) casing prevents the risk of flying shards of glass yet maintains light intensity.

• **96.5% transmission of UV rays (and 89% of UVC rays)**
• **Highly resistant to extreme temperatures (+200° C) and harsh environments**
• **Lifespan of UVA lamps: 1 year**
• **Eliminates the risk of contamination from broken glass and mercury**
• **HACCP-recommended**

PRODUCT

ENERGY-SAVING BULBS, A REAL SAVING!
Did you know?

A 20 W lamp without the ferromagnetic ballast and starter has **30% more energy** than a tube.

Output	Length of use	Annual consumption	Cost (average price per kWh in France in 2015 = 0.14 €)
20 W lamp	365j 24h/24	175 kWh	24,50 €
20 W tube + ballast	365j 24h/24	263 kWh	36,82 €

How to choose the light source?

Area to be covered
The recommended output in Watts is calculated based on the surface area of the room.

Value scale: 20 W = 50 to 60 m²

Lamp or tube?

Economical and easy to replace, lamps are fitted with an electronic ballast.

Tubes are powered by ferromagnetic ballasts, which guarantee reliability and performance.

Other uses:
Diazo printing machines, photo polymerisation, chemical processes, mineral detection, various technical applications.

Ballasts

LIGHTING SOLUTIONS

A ballast is an electrical component used to provide the necessary voltage for powering the lamp or fluorescent tube, while at the same time reducing the current in the electrical circuit.

There are 2 types of ballasts: electronic and ferromagnetic.
The table below describes the advantages and disadvantages of their properties.

	+ the Advantages	**– the Disadvantages**
Electronic ballast	Energy savings.	Fragile components with little resistance to variations in voltage. Limited lifespan (between 5 and 6 years = 50,000 h).
Ferromagnetic ballast	Long-lasting components resistant to electrical disturbances. Long lifespan (between 10 and 15 years = + than 87,000 h).	Energy consumption.

BRC ballasts include ferromagnetic ballasts which, in combination with the starters, provide optimally reliable performance.

CELMA, Federation of National Manufacturers' Associations for Luminaires and Electrotechnical Components for Luminaires, has established the following classification of general types of ballasts:

Class	Description	System output
B2	Magnetic ballasts with low losses	≤ 43 W
B1	Magnetic ballasts with very low losses	≤ 41 W
A3	Electronic ballasts	≤ 38 W
A2	Electronic ballasts with reduced losses	≤ 36 W
A1	Dimmable electronic ballasts*	≤ 38/19 W (at 100% - 25%)

* Meeting the following requirements:
- at a setting of 100% of luminous flux, the ballast meets at a minimum the requirements of class A3.
- at a setting of 25% of luminous flux, the total power input is equal to or less than 50% of output when the luminous flux is set at 100%.
- the ballast must be capable of reducing the luminous flux to 10% or less of the maximum luminous flux.

High-voltage transformers and electrocution grids

The combination of ''the gap between the electrocution grids and the power voltage'' ensures that the insect is electrocuted in an optimal manner.

The BRC high-voltage transformers are designed for strength and durability.
- The primary and secondary coils incorporate copper with a high-quality resin coating.
- They are TÜV-certified.

Cartridges

European-made and easy to use, the BRC cartridges are designed for resistance and durability. The plastic material of which they are made has excellent UV resistance.

Bed bugs

THERMOBUG®

Thermobug is an eradication process for bed bugs thanks to heat tratment. This process consist in raising temperature between 50 and 60 ° and allows to eradicate in one time eggs, larvae and adults. This technique respects environment and allows inmediatly to use the handled zone. Applications : hotel rooms, homes, reception centers ...

WARRANTY 1 YEAR

Directions

- Airblower for a better distribution heat.
- Use a data-logger to measure the temperature.

Optional

- An extention lead of 30 m
  (See Accessories on page 45).

THERMOBUG AIRBLOWER

THERMOBUG COMPACT

PRODUCT

- Temperature regulation between 0 and 70°
- Silent and lightweight
- Water and dust resistent (IP54)

Code	Model	Output	Power supply	Weight	Dimensions L x H x W	Sound volume	Air circulation
TBCOMPACT		9kW	400V	17kg	46x68x59cm	53dBA	1800m^3
TBBLOWER		72W	230V	9,15kg	40x63x40cm	51dBA	700m^3

Insect traps

IGLU®

Professional quality and totally discreet, outdoors as well as indoors: houses, apartments, garden patios, balconies, mobile homes, camping trailers, etc... IGLU is odourless and silent.

MADE IN FRANCE

HACCP

CE

WARRANTY 5 YEARS

Directions

- Conseils Placement: install in a dim area to avoid
- For wall mounting: between and 2.20 metres from ground level.
- Servicing: replace the lamp annually and the glue boards every 2 months*.
- Pests: flies, mosquitoes, midges, wasps, horseflies, etc.

  * If operating 24/7.
  Average lifespan of a lamp: 9000 hours

Optional

- Customised designs with a minimum order of 57 units.
- All in inox.
- White glue boards.
- Mounting kit (page 45).
- Customization conditions for product (page 46).

PRODUCT

- **Design**
- **Odourless**
- **Silent**
- **Economic**

Code	Model	Output	⚡	🟨	Power supply	Consumption	Application surface area	Electrocution grid voltage	Weight	Dimensions L x H x W	Protection rating	Standard lamp/ tube reference	Glue board reference
IGLUJN	IGLU yellow	1x20W (E14)		✔	220V / 50Hz	20W max	50m²		1,2kg	20x30x7,5cm	IP20	L20WE14A	PL160x195CN1
IGLUNN	IGLU black	1x20W (E14)		✔	220V / 50Hz	20W max	50m²		1,2kg	20x30x7,5cm	IP20	L20WE14A	PL160x195CN1
IGLUBN	IGLU blue	1x20W (E14)		✔	220V / 50Hz	20W max	50m²		1,2kg	20x30x7,5cm	IP20	L20WE14A	PL160x195CN1
IGLUVN	IGLU green	1x20W (E14)		✔	220V / 50Hz	20W max	50m²		1,2kg	20x30x7,5cm	IP20	L20WE14A	PL160x195CN1
IGLUCN	IGLU white	1x20W (E14)		✔	220V / 50Hz	20W max	50m²		1,2kg	20x30x7,5cm	IP20	L20WE14A	PL160x195CN1
IGLURN	IGLU red	1x20W (E14)		✔	220V / 50Hz	20W max	50m²		1,2kg	20x30x7,5cm	IP20	L20WE14A	PL160x195CN1

Insect traps

GT ®

As a decorative accessory, this wall lamp is designed with both private individuals and professionals in mind: homes, balconies, patios, mobile homes, camping trailers, offices, retail outlets, restaurant dining rooms, hotels, reception areas, doctors' and vets' surgeries, analysis laboratories, day nurseries, schools, retirement homes, etc.

Directions

- Mount as a wall lamp 1.80 to 2.20 metres above ground level and away from light sources.
- Servicing: replace the lamps/tubes annually and the glue board every 2 months*.
- Pests: flies, mosquitoes, midges, etc.
- Tip: the wall lamp is turned into a light source in winter by using a lamp for illumination (E14).

  *If left on 24/7.
  Average lifespan of a lamp: 9000 hours

Optional

- Customisable colours with a minimum order of 30 units.
- Customization conditions for product (page 46).

+ PRODUCT
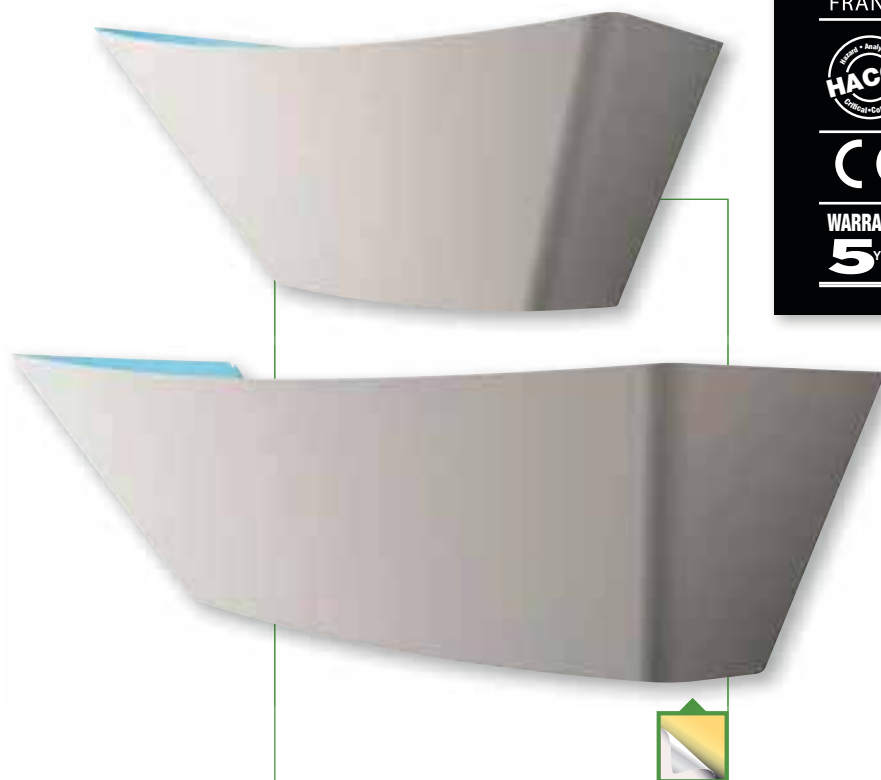
• **Mounting kit included**
• **Attractive**
• **Discreet**
• **Odourless**
• **Wall-mountable**
• **Customization (page 46)**
• **Energy-saving lamp ****

**** -30% compared with neon light sources**

MADE IN FRANCE — HACCP — CE — WARRANTY 5 YEARS

Code	Model	Output	⚡	🔶	Power supply	Consumption	Application surface area	Weight	Dimensions L x H x W	Protection rating	Standard lamp/tube reference	Glue board reference
GT20B	GLUETRAP 20 white	1x20W (E14)		✔	220V / 50Hz	20W max	50m²	1,2kg	46x17,2x20,5cm	IP20	L20WE14A	PL180x465CJ1Q
GT40B	GLUETRAP 40 white	2x20W (E14)		✔	220V / 50Hz	40W max	80m²	2kg	70,5x17,2x20,5cm	IP20	L20WE14A	PL205x785CJ1Q

Insect traps

MG® coated

With its unique, modern design, the MG blends in perfectly in offices, shops, restaurant dining rooms, hotels, reception areas, doctors' and vets' surgeries, analysis laboratories, day nurseries, schools, retirement homes, etc.

MADE IN FRANCE

HACCP

CE

WARRANTY 5 YEARS

Directions

- Position away from light sources.
- Mount 1.80 to 2.20 metres off the ground between the areas to be protected and insect entry points.
- Servicing: replace the lamps/tubes annually and the glue board every 2 months*.
- Pests: flies, mosquitoes, midges, etc.

*If left on 24/7.
Average lifespan of a lamp: 9000 hours
Assembly kit.

Optional

- Shatterproof lamp or tube.
- Yellow glue boards.
- Customization conditions for product (page 46).
- Stand for table top positioning (page 45).

PRODUCT +

- **Design**
- **Odourless**
- **Discreet**
- **Wall-mountable**
- **Customization (page 46)**
- **Energy-saving lamp ***
- **Easy to use**
- **Mounting kit included**

** 30% compared with neon light sources

Code	Model	Output	⚡	🟨	Power supply	Consumption	Application surface area	Weight	Dimensions L x H x W	Protection rating	Standard lamp/ tube reference	Glue board reference
MG20LB	MG 20 white-coated	1x20W	✔		220V / 50Hz	20W max	50m²	1,1kg	18x28x6,5cm	IP20	L20WE14A	PL245x426CN1Q
MG20LN	MG 20 black-coated	1x20W	✔		220V / 50Hz	20W max	50m²	1,1kg	18x28x6,5cm	IP20	L20WE14A	PL245x426CN1Q
MG30LN	MG 30 black-coated	2x15W	✔		220V / 50Hz	40W max	80m²	4,1kg	49,5x28x6,5cm	IP20	T15W	PL245x426CN1Q
MG30LB	MG 30 white-coated	2x15W	✔		220V / 50Hz	40W max	80m²	4,1kg	49,5x28x6,5cm	IP20	T15W	PL245x426CN1Q
MG40LB	MG 40 white-coated	2x20W	✔		220V / 50Hz	40W max	80m²	3,3kg	49,5x28x6,5cm	IP20	L20WE14A	PL245x426CN1Q
MG40LN	MG 40 black-coated	2x20W	✔		220V / 50Hz	40W max	80m²	3,3kg	49,5x28x6,5cm	IP20	L20WE14A	PL245x426CN1Q

Insect traps

MG® stainless steel

With its unique, modern design, the MG blends in perfectly in offices, shops, restaurant dining rooms, hotels, reception areas, doctors' and vets' surgeries, analysis laboratories, day nurseries, schools, retirement homes, etc.

Directions

- Position away from light sources.
- Mount 1.80 to 2.20 metres off the ground between the areas to be protected and insect entry points.
- Servicing: replace the lamps/tubes annually and the glue board every 2 months*.
- Pests: flies, mosquitoes, midges, etc.

*If left on 24/7.
Average lifespan of a lamp: 9000 hours
Assembly kit.

Optional

- Shatterproof lamp or tube.
- Yellow glue boards.
- Customization conditions for product (page 46).
- Stand for table top positioning (page 45).

PRODUCT+

- • **Design**
- • **Odourless**
- • **Discreet**
- • **Wall-mountable**
- • **Customization (page 46)**
- • **Energy-saving lamp ***
- • **Easy to use**
- • **Mounting kit included**

** 30% compared with neon light sources

MADE IN FRANCE

HACCP

CE

WARRANTY 5 YEARS

Code	Model	Output	⚡	◺	Power supply	Consumption	Application surface area	Weight	Dimensions L x H x W	Protection rating	Standard lamp/ tube reference	Glue board reference
MG20i	MG 20 stainless steel	1x20W		✔	220V / 50Hz	20W max	50m²	1,1kg	18x28x6,5cm	IP20	L20WE14A	PL160x195CN1Q
MG30i	MG 30 stainless steel	2x15W		✔	220V / 50Hz	40W max	80m²	4,1kg	49,5x28x6,5cm	IP20	T15W	PL245x426CN1Q
MG40i	MG 40 stainless steel	2x20W		✔	220V / 50Hz	40W max	80m²	3,3kg	49,5x28x6,5cm	IP20	L20WE14A	PL245x426CN1Q
MG400i	MG 400 stainless steel	2x18W		✔	220V / 50Hz	50W max	100m²	6,1kg	64x33,5x6,5cm	IP20	T18W	PL303x545CJ1Q
MG800i	MG 800 stainless steel	2x36W		✔	220V / 50Hz	100W max	200m²	5,7kg	64x33,5x6,5cm	IP20	T36W	PL303x545CJ1Q

Insect traps

FLYinBOX®

With its translucence technology, the FLYInBOX® offers a graphic, colourful design combined with 360o discharge feature. Ideal for food outlets (bakery, butcher's shop, delicatessen, caterer, fishmonger, etc.), cafeterias, fast-food outlets, mass and conventional catering, coffee shops, bars, OT, hotels, tourist hubs, smokehouses, etc.

MADE IN FRANCE

HACCP

CE

WARRANTY 5 YEARS

**Available in 3 colours
Tool-free maintenance
Easy cleaning**

Directions

- For wall mounting: 2 metres above ground-level.
- Servicing: replace the lamps annually.
- Pests: flies, mosquitoes, midges, wasps, moths, horseflies, etc.

Optional

- Shatterproof lamp.
- Recovery container.
- Wall-mounting brackets (page 45).
- white coated steel body.

PRODUCT +

- **Innovative: "360°" discharge**
- **Design**
- **Lacquered or stainless steel finishes**
- **3 installation Optionals: free-standing, hanging, wall-mounted**
- **Optimised electrocution surface area**
- **Energy-saving lamp highly attractive**
- **Chain supplied**

Code	Model	Output	⚡	☐	Power supply	Consumption	Application surface area	Electrocution grid voltage	Weight	Dimensions L x H x W	Protection rating	Standard lamp/ tube reference
FX20iBS	FLYinBOX 20 blue s.steel	1x20W (E14)	✔		220V / 50Hz	20W max	50m²	3000V	3kg	26,5x26x12,5cm	IP20	L20WE14A
FX20iNS	FLYinBOX 20 black s.steel	1x20W (E14)	✔		220V / 50Hz	20W max	50m²	3000V	3kg	26,5x26x12,5cm	IP20	L20WE14A
FX20iTS	FLYinBOX 20 clear s.steel	1x20W (E14)	✔		220V / 50Hz	20W max	50m²	3000V	3kg	26,5x26x12,5cm	IP20	L20WE14A
FX40iBS	FLYinBOX 40 blue s.steel	2x20W (E14)	✔		220V / 50Hz	40W max	120m²	3000V	3,6kg	33x26x12,5cm	IP20	L20WE14A
FX40iNS	FLYinBOX 40 black s.steel	2x20W (E14)	✔		220V / 50Hz	40W max	120m²	3000V	3,6kg	33x26x12,5cm	IP20	L20WE14A
FX40iTS	FLYinBOX 40 clear s.steel	2x20W (E14)	✔		220V / 50Hz	40W max	120m²	3000V	3,6kg	33x26x12,5cm	IP20	L20WE14A
FX60iBS	FLYinBOX 60 blue s.steel	3x20W (E14)	✔		220V / 50Hz	60W maxi	240m²	3000V	4,2kg	48x26x12,5cm	IP20	L20WE14A
FX60iNS	FLYinBOX 60 black s.steel	3x20W (E14)	✔		220V / 50Hz	60W maxi	240m²	3000V	4,2kg	48x26x12,5cm	IP20	L20WE14A
FX60iTS	FLYinBOX 60 transparent s.steel	3x20W (E14)	✔		220V / 50Hz	60W maxi	240m²	3000V	4,2kg	48x26x12,5cm	IP20	L20WE14A

Also available in white ceated steel

Insect traps

FLYⁱⁿBOX®glu

With its translucence technology, the FlyInBox® offers a graphic, colourful design combined with 360o discharge feature. Ideal for food outlets (bakery, butcher's shop, delicatessen, caterer, fishmonger, etc.), cafeterias, fast-food outlets, mass and conventional catering, coffee shops, bars, OT, hotels, tourist hubs, smokehouses, etc.
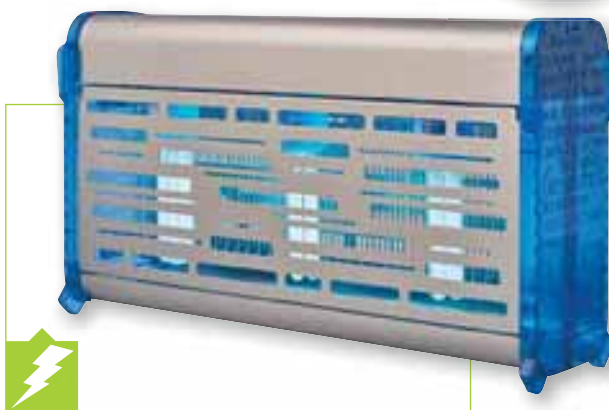
Directions

- Position away from light.
- Mount 2 to 3 metres above ground-level between the areas to be protected and the insect entry points.
- Servicing: replace the lamps annually and the glue board every 2 months.
- Pests: flies, mosquitoes, midges.

- *If left on 24/7.
Average lifespan of a lamp: 9000 hours.
Mounting kit included.

Optional

- Shatterproof lamp.

PRODUCT

• Innovative: "360°" discharge
• Design
• Stainless steel finishes
• Discreet and odourless
• 3 installation Optionals: free-standing, hanging, wall-mounted
• Energy-saving lamp highly attractive
• Chain supplied

MADE IN FRANCE

HACCP

CE

WARRANTY 5 YEARS

Code	Model	Output	⚡	◺	Power supply	Consumption	Application surface area	Weight	Dimensions L x H x W	Protection rating	Standard lamp/ tube reference	Référence plaque de glu
FX40GiNS	FLYinBOX 40 GLU black s.steel	2x20W (E14)		✔	220V / 50Hz	40W max	100m²	2,5kg	26,5x26x12,5cm	IP20	L20WE14A	PL195x240CN2Q
FX80GiNS	FLYinBOX 80 GLU black s.steel	4x20W (E14)		✔	220V / 50Hz	80W max	200m²	3kg	33x26x12,5cm	IP20	L20WE14A	PL195x310CN2Q

Insect traps

PG40LB

To assure total discretion, the PG40LB fits into false ceiling panels and is the ideal solution for offices, shops, businesses, restaurant eating areas, hotels, receptions areas, GP practises, veterinary practises, laboratories, nurseries, schools, retirement homes,...

MADE IN FRANCE

HACCP

CE

WARRANTY **5** YEARS
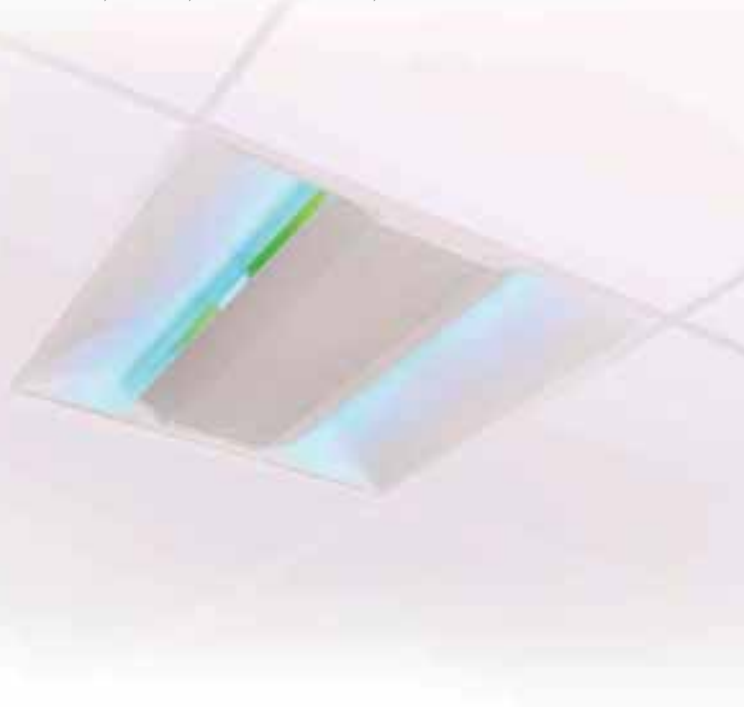
Directions

- Position away from light.
- Positioning the unit in lieu of a 60x60cm ceiling plate.
- Set up the unit between the areas to be protected and the insect entry points.
- Servicing: replace the lamps annually and the glue board every 2 months.
- Pests: flies, mosquitoes, midges.

*If left on 24/7.
Average lifespan of a lamp: 9000 hours.
Mounting kit included (earthquake protection chain).

Optional

- Shatterproof lamp.

PRODUCT +
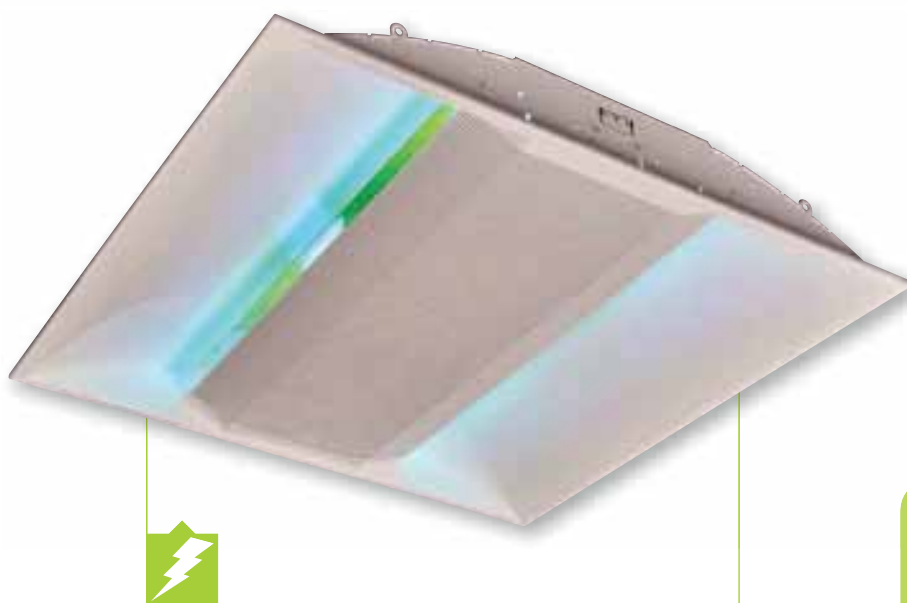
• **Modern design**
• **Simple and fast maintenance**
• **Energy-saving lamp highly attractive**
• **White-coated finishes**

Code	Model	Output	⚡	▨	Power supply	Consumption	Application surface area	Electrocution grid voltage	Weight	Dimensions L x H x W	Protection rating	Standard lamp/ tube reference	Glue board reference
PG40LB	PG40 white-coated	2x20W (E14)	✔		220V / 50Hz	40W max	100m²		3,6kg	59,6x59,6x75cm	IP20	L20WE14A	PL250x560CN

Insect traps
CAPTURE®

Recognised for its fiability, the CAPTURE is suited to service industry environments: retail shops, kitchens, changing rooms, refuse rooms, offices, doctors' and vets' surgeries, analysis laboratories, hotels, reception areas, day nurseries, schools, retirement homes, etc.

Directions

- For wall mounting: 2 metres above ground-level.
- Position away from light.
- Mount 2 to 3 metres above ground-level between the areas to be protected and the insect entry points.
- Servicing: replace the lamps annually and the glue board every 2 months.
- Pests: flies, mosquitoes, midges, moths, wasps, etc.

Optional

- Shatterproof lamp.
- Bracket
  (See Accessories on page 45).
- Customization conditions for product (page 46).

PRODUCT +

- **Modern design**
- **Montage kit and chain supplied**
- **360 ° discharge**
- **Inox 430**
- **Ferromagnetic ballasts: long-lasting and reliable**
- **Customization (page 46)**

MADE IN FRANCE

HACCP

CE

WARRANTY 5 YEARS

Code	Model	Output	⚡	◸	Power supply	Consumption	Application surface area	Electrocution grid voltage	Weight	Dimensions L x H x W	Protection rating	Standard lamp/tube reference	Glue board reference
CAPTURE30i	CAPTURE30 s.steel	2x15W (28cm)	✔		220V / 50Hz	40W max	50m²	3700V / 9mA	4kg	33x26x12,5cm	IP20	TCLEO15WS	
CAPTURE300i	CAPTURE300 s.steel	2x15W (43cm)	✔		220V / 50Hz	40W max	80m²	3700V / 9mA	5,3kg	48x26x12,5cm	IP20	T15W	
CAPTURE400i	CAPTURE400 s.steel	2x18W (61cm)	✔		220V / 50Hz	60W max	120m²	3700V / 9mA	6,2kg	63,5x26x12,5cm	IP20	T18W	
CAPTURE800i	CAPTURE 800 s.steel	2x36W (61cm)	✔		220V / 50Hz	100W max	240m²	3700V / 9mA	6,9kg	63,5x26x12,5cm	IP20	T36WS	
CAPTURE30iG	CAPTURE 30 glueboards	2x15W(28cm)		✔	220V / 50Hz	40W max	50m²		2,6kg	33x26x12,5cm	IP20	TCLEO15WS	PL195x310CN2
CAPTURE300iG	CAPTURE 300 glueboards	2x15W (43cm)		✔	220V / 50Hz	40W max	80m²		4,6kg	48x26x12,5cm	IP20	T15W	PL195x460CN2
CAPTURE400iG	CAPTURE 400 glueboards	2x18W (61cm)		✔	220V / 50Hz	60W max	120m²		5,2kg	63,5x26x12,5cm	IP20	T18W	PL195x610CN2
CAPTURE800iG	CAPTURE 800 glueboards	2x36W (61cm)		✔	220V / 50Hz	100W max	240m²		5,5kg	63,5x26x12,5cm	IP20	T36WS	PL195x610CN2

Insect traps

iP 20 or iP 65

inox 304

INOXTRAP ®

Featuring a coverless design giving barrier-free access to insects, the INOXTRAP is perfectly suited to the agricultural, wine-producing and industrial sectors which are exposed to splashing water harsh environments (IP65).

MADE IN FRANCE

HACCP

CE

WARRANTY **5** YEARS
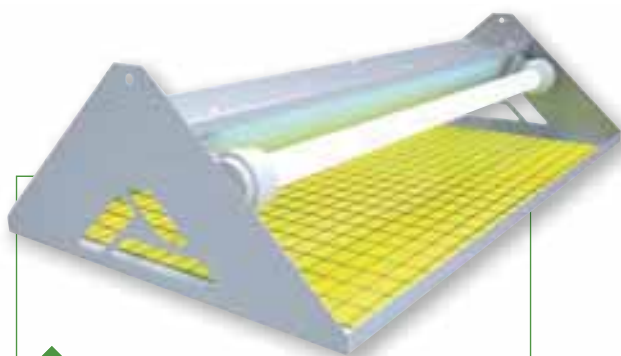
Inoxtrap IP65
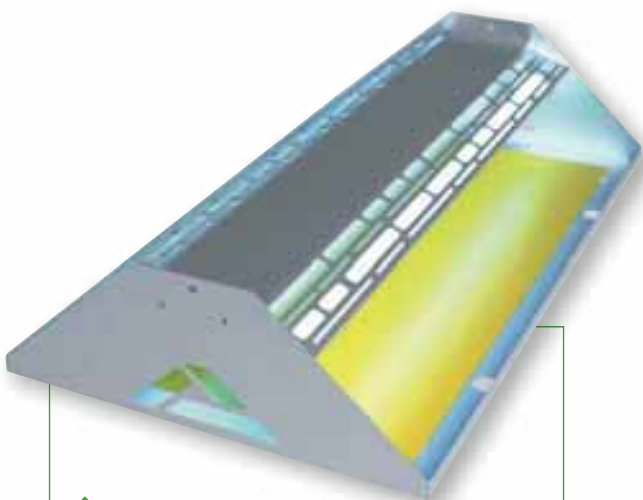
Directions

- Position away from light.
- Attach to wall (bracket) or suspend (chain)
- Mount 2 to 3 metres above ground-level between the areas to be protected and insect entry points.
- Servicing: replace the tubes annually and the glue board every 2 months.
- Pests: fruit flies, flies, mosquitoes, wasps, moths, etc.

Optional

- 316 stainless steel.
- Wall mounted bracket (See Accessories on page 45).
- Customization conditions for product (page 46).

Inoxtrap IP20

PRODUCT +

- **Maximum protection:** **PHILIPS** **shatterproof tubes or SYLVANIA**
- **Highly resistant to corrosion and rust**
- **Sealed against water and particles (for the IP54 version)**
- **Ferromagnetic ballasts: long-lasting and reliable**
- **Removable insect collection tray (electric version)**
- **Stainless steel chain included**

Code	Model	Output	⚡	🟨	Power supply	Consumption	Application surface area	Weight	Dimensions L x H x W	Protection rating	Standard lamp/ tube reference	Glue board reference
ITRAP30AESIP20304	INOXTRAP 30 AE 304 s.steel	2x15W (43cm)	✔		220V / 50Hz	40W max	80m²	3,2kg	46,5x16x35,5cm	IP20	T15WAES	PL363x456CJ1Q
ITRAP40AESIP20304	INOXTRAP 40 AE 304 s.steel	2x18W (61cm)	✔		220V / 50Hz	50W max	120m²	4kg	62x16x35,5cm	IP20	T18WAES	PL364x598CJ1Q
ITRAP80AESIP20304	INOXTRAP 80 AE 304 s.steel	2x36W (61cm)	✔		220V / 50Hz	100W max	240m²	5kg	62x16x35,5cm	IP20	T36WAES	PL364x598CJ1Q
ITRAP30AESIP65304	INOXTRAP 30 AE 304 s.steel	2x15W (43cm)	✔		220V / 50Hz	40W max	80m²	3,2kg	46,5x16x35,5cm	IP65	T15WAES	PL363x456CJ1Q
ITRAP40AESIP65304	INOXTRAP 40 AE 304 s.steel	2x18W (61cm)	✔		220V / 50Hz	50W max	120m²	4kg	66x16x35,5cm	IP65	T18WAES	PL364x598XJ1Q
ITRAP80AESIP65304	INOXTRAP 80 AE 304 s.steel	2x36W (61cm)	✔		220V / 50Hz	100W max	240m²	5kg	66x16x35,5cm	IP65	T36WAES	PL364x598XJ1Q

Insect traps

AGR ®

iP 21 or iP 54 inox 304
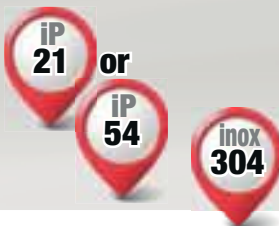
Designed entirely in stainless steel, the AGR is ideal for use in the food-processing and chemical industries, and for agricultural, wine-producing and horticultural operations.

Directions

- Position away from light.
- Mount 2 to 3 metres above ground-level between the areas to be protected and insect entry points.
- Servicing: replace the lamps annually and the glue board every 2 months.
- Pests: fruit flies, flies, mosquitoes, wasps, moths, etc.

Optional

- IP54.
- 316 stainless steel.
- Bracket (See Accessories on page 45).
- Customization conditions for product (page 46).

+ PRODUCT
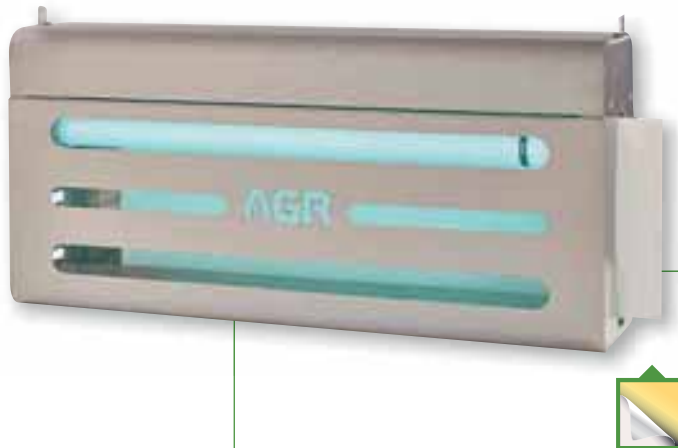
- **Maximum protection:** PHILIPS **shatterproof tubes**
- **Highly resistant to corrosion and rust**
- **Sealed against water and particles (for the IP54 version)**
- **Ferromagnetic ballasts: long-lasting and reliable**
- **Detachable insect collection tray (electric version)**
- **Attraction surface area: between 80 and 240 m²**
- **Stainless steel chain included**

MADE IN FRANCE

HACCP

CE

WARRANTY 5 YEARS

Code	Model	Output			Power supply	Consumption	Application surface area	Electrocution grid voltage	Weight	Dimensions L x H x W	Protection rating	Standard lamp/ tube reference	Glue board reference
AGR30iAES	AGR 30 AE 304 s.steel	2x15W (43cm)	✔		220V / 50Hz	40W max	80m²	3700V / 9mA	7,4kg	48,5x29,5x15,5cm	IP21/IP54	T15WAES	
AGR40iAES	AGR 40 AE 304 s.steel	2x20W (61cm)	✔		220V / 50Hz	60W max	120m²	3700V / 9mA	8,8kg	63,5x29,5x15,5cm	IP21/IP54	T20WAES	
AGR80iAES	AGR 80 AE 304 s.steel	2X40W (61cm)	✔		220V / 50Hz	100W max	240m²	3700V / 9mA	9,3kg	63,5x29,5x15,5cm	IP21/IP54	T40WAES	
AGR36iMAES	AGR 36 AE 304 s.steel wall	1X36W (61cm)	✔		220V / 50Hz	40W max	120m²	3700V / 9mA	6,7kg	76x19x10cm	IP21/IP54	T36WAES	
AGR30GiAES	AGR 30 glue, AE 304 s.steel	2x15W (43cm)		✔	220V / 50Hz	40W max	80m²		5,5kg	48,5x29,5x15,5cm	IP21/IP54	T15WAES	PL190x435XB2
AGR40GiAES	AGR 40 glue, AE 304 s.steel	2x20W (61cm)		✔	220V / 50Hz	60W max	120m²		6,7kg	63,5x29,5x15,5cm	IP21/IP54	T20WAES	PL190x585XB2
AGR80GiAES	AGR 80 glue, AE 304 s.steel	2X40W (61cm)		✔	220V / 50Hz	100W max	240m²		7,2kg	63,5x29,5x15,5cm	IP21/IP54	T40WAES	PL190x585XB2
AGR36GiMAES	AGR 36 glue, AE 304 s.steel wall	1X36W (61cm)		✔	220V / 50Hz	40W max	120m²		4,7kg	76x19x10cm	IP21/IP54	T36WAES	PL240x530CN1

Insect traps

VORTEX®

inox 304

Suitable for explosive atmospheres (gas and flammable particles) and harsh environments, the VORTEX is specially designed for environments requiring tough resistance

IK09

MADE IN FRANCE

HACCP

CE

WARRANTY 5 YEARS

Directions

- Position away from light
- Mount on wall 2 to 3 metres above ground-level between the areas to be protected and insect entry points.
- Servicing: replace the tubes annually and the glue board every 2 months.
- Pests: fruit flies, flies, mosquitoes, wasps, moths, etc.

PRODUCT +

- **Unbreakable borosilicate glass 3.3 jacket transmitting 90% of UV rays**
- **Applicable in ATEX zones 1-21 and 2-22**
- **Highly resistant to corrosion and rust: austenitic stainless steel (304)**
- **Electronic ballast: long-lasting and reliable**

Code	Model	Output			Power supply	Consumption	Application surface area	Weight	Dimensions L x H x W	Standard lamp/tube reference	Glue board reference
VORTEX400	VORTEX 400 304 stainless steel	2x18W		✔	220V / 50Hz	50W max	120m²	10kg	34x79x32cm	T18WS	PL280x585CJ1
VORTEX800	VORTEX 800 304 stainless steel	2x36W		✔	220V / 50Hz	100W max	240m²	10kg	34x79x32cm	T36WS	PL280x585CJ1

GLUE BOARDS

Glue boards are used for trapping flying insects attracted by the UVA rays of the lamps.

- Effective
- Easy installation
- Maximised insect capture
- 60-day glue board performance
- Resistant to UVA rays, dust and temperatures [← +60°C]
- Single–sided or double-sided
- Detachable protective silicone sheets
- 3 colours: yellow, black, white
- Grided for easier counting
- Standard dimensions or dimensions specific to the insect traps
- 100% recyclable cardboard
- Easy maintenance
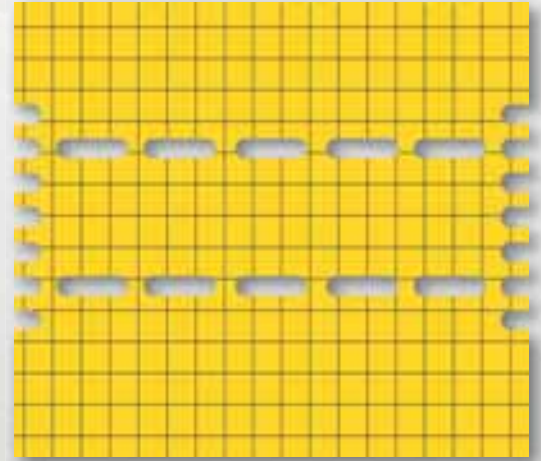
2 MATERIALS AVAILABLE

• Cardboard (single-sided or double-sided)
An economical base for dry environments.
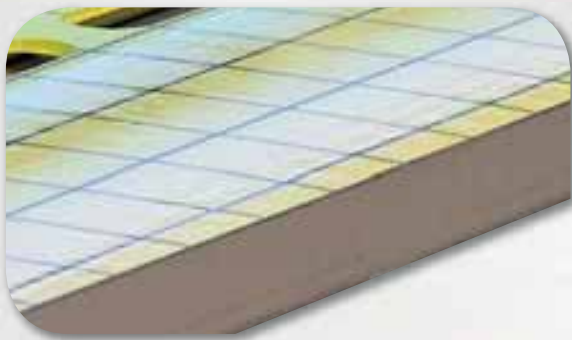
• Correx (single-sided or double-sided)
Correx® is a double-layered extruded polypropylene board (ribbed or corrugated)
It is lightweight, solid, durable, resistant to humidity, low temperatures, chemical components (harsh environments), is recyclable and non-toxic.

Colourful boards!

- The colour **yellow** attracts (the stamen or central part of petals) attracts insects. This attraction would appear to be associated with young developing leaves, which are richer in nitrogen and therefore of a potentially better nutritional quality for insects (Source: INRA)

- **Black** disguises the insects stuck on the board.

- **White** magnifies the intensity of light through reflection, and thus the attraction to insects!

- The **grided** design is an aid to counting and identifying the insects.

Recommendation:

For optimal effectiveness, the glue boards should be replaced **at least every 2 months**, or more regularly if there is infestation.

GLUETRAP®

GLUEBOARDS ARE SOLD BY 6.

CODING GUIDE

PL	300x390	C or P or X	N or B or J	1 or 2	Q
Board	Width x Length	Cardboard (C) or Plastic (P) or Correx (X)	Black (N) or White (B) or Yellow (J)	Number of glue sides	Grided

example: **PL300x390CJ1Q**

Board — W x L — cardboard — yellow — 1 glue side — Grided

	IGLU / MG 20 p.14	MG 30 / MG 40 p.16	PG40LB p.20	GT 20 p.15	GT 40 p.15
Material	cardboard	cardboard	cardboard	cardboard	cardboard
Number of glue sides	1	1	1	1	1
Colour	white or black	black or yellow	white, black or yellow	yellow	yellow
Dimensions	160x195	245x426	250x560	180x465	205x785
References	PL160x195CB1Q - PL160x195CN1Q	PL245x426CN1Q - PL245x426CJ1Q	PL250X560CB1Q/CN1Q/CJ1Q	PL180x465CJ1Q	PL205x785CJ1Q

	OPUS 400	OPUS 800	CAPTURE 30 / FX 80 p.21	CAPTURE 400/800 p.21	FX 40 p.18
Material	cardboard	cardboard	cardboard	cardboard	cardboard
Number of glue sides	2	2	2	2	2
Colour	white	white or black	black	black	black
Dimensions	205x205	210x435	195x310	195x610	195x240
References	PL205x205CB2Q	PL210x435CB2Q - PL210x435CN2Q	PL195x310CN2Q	PL195x610CN2Q	PL195X240CN2Q

	CAPTURE 300 p.21	AGR 30 / FORUM 300 p.23	AGR 40/80 / FORUM 400/800 p.23	AGR MURAL p.23	VORTEX 400/800 p.24
Material	cardboard	Correx	Correx	cardboard	cardboard
Number of glue sides	2	2	2	1	1
Colour	black	white	white	black	yellow
Dimensions	165x460	190x435	190x585	240x530	280x585
References	PL195x460CN2Q	PL190x435XB2Q	PL190x585XB2Q	PL240x530CN1Q	PL280x585CJ1

	INOXTRAP 30 p.22	INOXTRAP 30 p.22	INOXTRAP 40/80 p.22	INOXTRAP 40/80 p.22	INOXTRAP 40/80 p.22
Material	cardboard	cardboard or Correx	cardboard (IP20)	plastic (IP65)	cardboard (IP20) or Correx (IP65)
Number of glue sides	1	1	1	1	1
Colour	yellow	yellow	yellow	yellow	yellow
Dimensions	300x390	363x456	303x545	303x545	364x598
References	PL300x390CJ1Q	PL363x456CJ1Q - PL363x456XJ1Q	PL303x545CJ1Q	PL303x545PJ1	PL364x598CJ1Q - PL364x598XJ1Q

Specific glueboards available on request

TUBES & LAMPS

Standard **Tubes**

CODE	MODEL
T08WS	28 cm T5 8W tube for Europe*
TCLEO15WS	28 cm T5 15W cleo tube for Europe*
T15W	43 cm T8 15W tube HP light®
T15WS	43 cm T8 15W tube for Europe*
T18W	61 cm T8 18W tube HP light®
T18WS	61 cm T8 18W tube for Europe*
T20WS	61 cm T12 20W tube for Europe*
T30W	43 cm T8 30W tube
T36WS	61 cm T8 36W tube for Europe*
T40WS	61 cm T12 40W tube for Europe*

* Philips® European brand or Sylvania®

Shatterproof **Tubes**

CODE	MODEL
T08WAES	28 cm T5-AE 8W tube for Europe*
TCLEO15WAES	28 cm T5-AE 15W cleo tube for Europe*
T15WAE	43 cm T8-AE 15W tube HP light®
T15WAES	43 cm T8-AE 15W tube for Europe*
T18WAE	61 cm T8-AE 18W tube HP light®
T18WAES	61 cm T8-AE 18W tube for Europe*
T20WAES	61 cm T12-AE 20W tube for Europe*
T30WAE	43 cm T8-AE 30W tube
T36WAES	61 cm T8-AE 36W tube for Europe*
T40WAES	61 cm T12-AE 40W tube for Europe*

* Philips® European brand or Sylvania®

Standard energy-saving **Lamps**

CODE	MODEL
L20WE14A	E14 20W actinic lamp HP light®
L20WE14AS	E14 20W actinic lamp for Europe*
L20WE27A	E27 20W actinic lamp HP light®
L20WE27AS	E27 20W actinic lamp for Europe*
L36WS	T08 36W lamp for Europe*

* Philips® European brand or Sylvania®

Shatterproof energy-saving **Lamps**

CODE	MODEL
L20WE14AAE	E14-AE 20W actinic lamp
L20WE14AAES	E14-AE 20W actinic lamp for Europe*
L20WE27AAE	E27-AE 20W actinic lamp
L20WE27AAES	E27-AE 20W actinic lamp for Europe*
L36WAES	T08-AE 36W lamp for Europe*

* Philips® European brand or Sylvania®

CE emc RoHS

recylum

HYGIENE EQUIPMENT
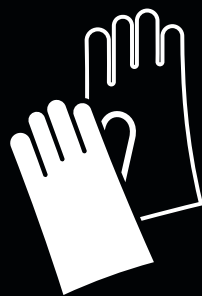
The germicidal power of UV-C radiation

Energy-saving UV-C radiation (254 nm) lamps produce a strong germicidal effect on utensils cleaned beforehand and placed on the basket rack or magnet.

The high-energy germicidal rays they emit produce a photochemical effect on the thymines (one of the four bases found in the DNA helix) causing the DNA molecule to break up.

This modification of the molecule damages the cell membranes and nuclei of microorganisms (spores, fungi, mould, etc.), inhibiting their growth and reproduction, and resulting in their destruction.

Icon legend:

304 stainless steel

UV-C radiation is harmful to the eyes
Be careful never to look directly at the lamps.

In order to protect the user from UV-C radiation, BRC has designed sterilisation cupboards with the following features:
- The stainless steel structure conceals the fluorescent tube.
- Radiation of up to 254 nm emitted from the tube is absorbed by the 3 mm-thick polymethylmethacrylate (PMMA) plate.
- A contact switch automatically turns off the lamp when the door is opened

Percentage of radiation from the tube passing through the PMMA plate
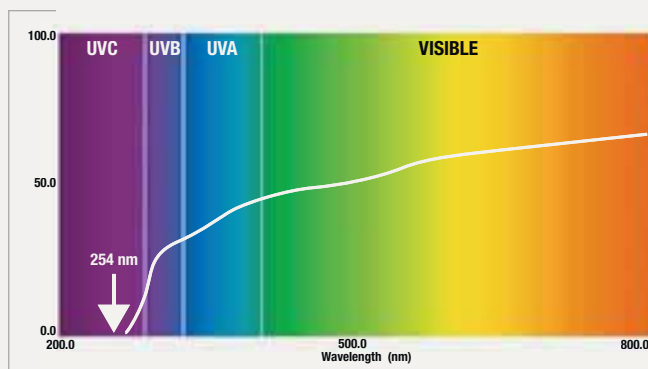
Light filtered (in wavelengths) by the PMMA plate in the cupboard.

INFO: The shatterproof (Teflon®-clad) UV-C lamps must be replaced once a year.

Sterilisation cupboards

Directions

- Mount on wall at shoulder height.
- Servicing: replace the lamps annually.
- Utensils: knives foil, sharpening steel, platters, etc.

Optional

- 304 or 316 stainless steel.
- Lock (see Accessories on page 45).
- Stainless steel door + lock.
- Shatterproof tubes or lamp.

In compliance with HACCP procedures, stainless steel sterilisation cupboards are recommended for ensuring that kitchen knives are hygienic. The germicidal UV-C radiation lamp sterilises the knives.

Applications: Food outlets (bakery, butcher's shop, delicatessen, caterers, fishmongers, etc.) cafeterias, fast-food restaurants, mass and conventional catering, bars, OT, agricultural production, etc.

MADE IN FRANCE

HACCP

CE

WARRANTY **2** YEARS

AAC Curved top

ARM Sloping top

PRODUCT +

- **100% germicidal**
- **Arrangement: basket or magnetic bar**
- **Capacity: 7 to 30 knives**
- **Disinfection timer: 120 minutes**
- **Highly resistant to corrosion and rust: austenitic stainless steel (304)**
- **Energy-saving lamp***
- **Easy to clean**
- **Storage for utensils**

* -30% compared with light sources using neon lighting

Code	Model	Magnet	Basket	Number of knives	Output	Power supply	Timer	Weight	Dimensions L x H x W	Standard lamp/ tube reference
AAC25A	Cupboard 25, magnet, curved top	✔		7	1x15W (UVC)	220V / 50Hz	120'	5,3kg	35x57,5x12,5cm	L15WE27U
AAC25P	Cupboard 25, basket, curved top		✔	10	1x15W (UVC)	220V / 50Hz	120'	5,3kg	35x57,5x12,5cm	L15WE27U
AAC50A	Cupboard 50, magnet, curved top	✔		10	1x15W (UVC)	220V / 50Hz	120'	9kg	44x57,5x12,5cm	L15WE27U
AAC50P	Cupboard 50, basket, curved top		✔	20	1x15W (UVC)	220V / 50Hz	120'	9kg	44x57,5x12,5cm	L15WE27U
AAC100A	Cupboard 100, magnet, sloping top	✔		20	2x15W (UVC)	220V / 50Hz	120'	15kg	75x57,5x12,5cm	L15WE27U
AAC100P	Cupboard 100, basket, sloping top		✔	30	2x15W (UVC)	220V / 50Hz	120'	15kg	75x57,5x12,5cm	L15WE27U
ARM25A	Cupboard 25, magnet, sloping top	✔		7	1x15W (UVC)	220V / 50Hz	120'	5,3kg	31x60x12,5cm	L15WE27U
ARM25P	Cupboard 25, basket, sloping top		✔	10	1x15W (UVC)	220V / 50Hz	120'	5,3kg	31x60x12,5cm	L15WE27U
ARM50A	Cupboard 50, magnet, sloping top	✔		10	1x15W (UVC)	220V / 50Hz	120'	9kg	51x60x12,5cm	L15WE27U
ARM50P	Cupboard 50, basket, sloping top		✔	20	1x15W (UVC)	220V / 50Hz	120'	9kg	51x60x12,5cm	L15WE27U
ARM100A	Cupboard 100, magnet, sloping top	✔		20	2x15W (UVC)	220V / 50Hz	120'	17kg	102x60x12,5cm	L15WE27U
ARM100P	Cupboard 100, basket, sloping top		✔	30	2x15W (UVC)	220V / 50Hz	120'	17kg	102x60x12,5cm	L15WE27U

Large-sized sterilisation cupboards

In compliance with HACCP procedures, large-sized sterilisation cupboards are designed in stainless steel and suitable for ''king-sized'' utensils such as butcher's and cheesemonger's knives. Once magnetised, the utensils are sterilised by the germicidal effect of the UV-C lamps.

Applications: Food outlets (bakery, butcher's shop, delicatessen, caterers, fishmongers, etc.), cafeterias, fast-food restaurants, mass and conventional catering, bars, OT, agricultural production, etc.
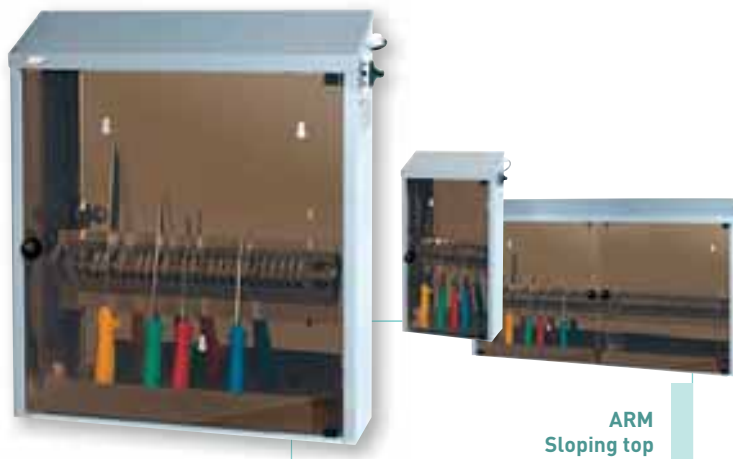
MADE IN FRANCE

HACCP

CE

WARRANTY **2** YEARS

ARM 50AF

Directions

- Mount on wall at shoulder height.
- Servicing: replace the lamps annually.
- Utensils: cheesemonger's knives, butcher's knives, fishmonger's knives, foil, sharpening steel, platters, etc.

Optional

- 304 or 316 stainless steel.
- Lock (See Accessories on page 45).

ARM 2000A

PRODUCT +

- **Specially designed for large knives up to 80 cm long**
- **100% germicidal**
- **Arrangement: basket or magnetic bar**
- **Capacity: 15 to 20 knives**
- **Disinfection timer: 120 minutes**
- **Highly resistant to corrosion and rust: austenitic stainless steel (304)**
- **Easy to clean**
- **Storage for utensils**

Code	Model	Magnet	Basket	Number of knives	Output	Power supply	Timer	Weight	Dimensions L x H x W	Standard lamp/tube reference
ARM50AF	Cupboard 50 AF	✔		20	1x15W (UVC)	220V / 50Hz	120'	15kg	51x100x12,5cm	L15WE27U
ARM2000A	Cupboard 2000 A	✔		15	1x15W (UVC)	220V / 50Hz	120'	15kg	65,5x50,6x11cm	TUV15W

Hand sinks

inox **304**

These all-in-one hand sinks are essential for all food outlets and kitchens. Designed in stainless steel and fitted with a knee-operated pressure control device, they meet the requirements for HACCP procedures.

Applications: Food outlets (bakery, butcher's shop, delicatessen, caterers, fishmongers, etc.), cafeterias, fast-food restaurants, mass and conventional catering, bars, OT, agricultural, wine-producing and horticultural operations, food-processing industries, pharmaceutical applications, etc.

Directions

- Mount on wall at shoulder height.

Optional

- Soap dispenser
  (See Accessories on page 45).
- Brush (See Accessories on page 45).
- Rubish (See Accessories on page 45).
- Customization conditions
  for product (page 46).

PRODUCT +

- **Highly resistant to corrosion and rust: austenitic stainless steel (304)**
- **High splashback: accessories installed (soap dispenser, nail brush, etc.)**
- **Time-out: 15 seconds**
- **Ergonomically designed**
- **Easy to mount (template provided)**
- **Customization**
- **Easy to clean**
- **Health Compliance Certification (Eurofins)**
- **Mixer hot and cold water**

*Option of engraved/cut-out image (logo, design) on the sink apron for all minimum orders of 20 units.

LMC:
tank, push mechanism

ATTESTATION DE
ACS
CONFORMITÉ SANITAIRE

HYGILMC:
tank, push mechanism, collector, mixer

MADE IN
FRANCE

HACCP

CE

WARRANTY
2 YEARS

Customization:
see conditions page 46

HYGILMCPBS
Handsinks full option

Code	Model	Time-out	Weight	Dimensions L x H x W
LMC	Standard hand sink, 304 stainless steel	15''	3kg	40x41,8x37,8cm
HYGILMC	Hand sink with apron, 304 stainless steel	15''	7kg	40x52x33cm
HYGILMCP	Handsinks bins	15''	7kg	40x52x33cm
HYGILMCBS	Handsinks brush and soap dispenser	15''	7kg	40x52x33cm
HYGILMCPBS	Handsinks full option*	15''	7kg	40x52x33cm
BROSSE	Brush sold separately			
DISTSAV	Soap dispenser 300 ml sold separately			
POUBELLE	S.steel bins 15 L sold separately			

Ashtrays / Bins

As part of an environmentally-friendly approach, these stainless steel ashtrays and bins can be inconspicuously placed in outdoor locations: building entrances and exits, relaxation areas, patios, etc.

MADE IN FRANCE
CE
WARRANTY **2** YEARS

Wall-mounted ashtray

WILL NO LONGER BE AVAILABLE AS OF 2019

Wall-mounted column ashtray

Bin ashtray

+ PRODUCT

- **Discreet**
- **Ashtray with key closure**
- **Weather-resistant**
- **Capacity: 2 or 30 L**
- **Easily emptied by swinging open the side**

Code	Model	Capacity	Weight	Dimensions L x H x W
CENDI	Ashtray in stainless steel	2L	2,5kg	23x23x6cm
CENDIC	Column wall-mounted ashtray in stainless steel	2L	2kg	11x50x6cm
CENDIP	Bin ashtray on stainless steel base	30L	22kg	41,5x90x28,5cm

Aerial disinfection

Aerial misting consists in creating a fog created from billions of droplets sprayed through an air nozzle.

This technique is a powerful method of aerially disinfecting the atmosphere and surface areas, and is ideal for:

• food outlets,

• the food processing industry (packaging room, cutting room, cold storage, storage area),

• the pharmaceutical industry,

• the social and medical sectors (hospital rooms, day nurseries),

• public spaces (airports, gyms, theatres),

• etc.

AEROBIO

Air nozzle
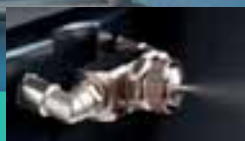
Integrated electronic timer

BRUMISTAR

MADE IN FRANCE

HACCP

CE

WARRANTY 2 YEARS

PRODUCT +

• **Insect disinfestation**

• **Deodorising effect**

• **Humidity control**

• **Easy maintenance**

• **Can be used with any product**

• **Operates with a reservoir (non-captive system, no charging, no cartridges)**

• **Programmable up to 2 h**

Code	Model	Power supply	Consumption	Surface area covered	Capacity	Weight	Dimensions L x H x W	Flow rate
AEROBIO	AEROBIO	220V / 50Hz	100W max	100m³	2L	6kg	33x26x11cm	12 ml/minutes
BRUSI	BRUMISTAR in stainless steel	220V / 50Hz	150W max	500m³	5L	9kg	35x48,5x25cm	24 ml/minutes

AIR COMFORT AND AIR CONTROL
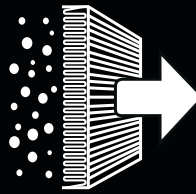
Air comfort solution: Infrared heaters

Electromagnetic spectrum

Ultraviolet			Visible light	Infrared		
100 (UV-C)	UV-B	UV-A		SWIR	IR	LWIR
200	280	315	400 nm	700	1 400	3 000	10 000 nm
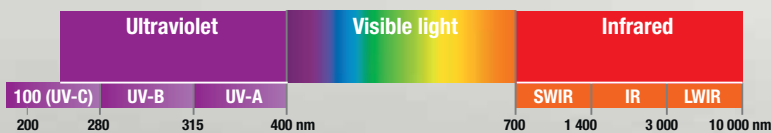
Infrared is a part of the electromagnetic spectrum and its rays are characterised by wavelengths longer than those of visible light and UV rays.

There are 3 types of infrared light:

	Wavelengths	Operating temperature
Short-wave IRA	700 – 1 400 nm	2 000°C and above
Medium-wave IRB	1 400 – 3 000 nm	Between 900 and 1 500°C
Long-wave IRC	3 000 – 10 000 nm	

halogen heating

ADVANTAGES OF THE INFRARED HALOGEN HEATER

PRODUCT

- **Performance:** The short waves emitted by halogen lamps directly heat solid matter (persons, objects, walls, etc.)..
- **Instantaneous response:** Halogen lamps deliver their output (between 1 000 and 4 500 W) in less than 2 seconds, providing immediate heat.
- **Health:** Ideal for asthmatic persons, this heating method does not stir up the air, thereby avoiding the proliferation of dust mites and particles.
- **Air tightness:** BRC heaters are designed to provide IPX5 protection, enabling it to be used out of doors even in rainy weather.
- **Comfort:** An effective and handy solution for occasional need.
- **Resistance:** The use of authentic (304) stainless steel makes it highly resistant to corrosion and oxidation.
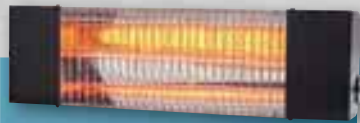
SOLAR HEAT!

Did you know?

The heat given off by the sun is produced by infrared rays, which explains why the warmth is so pleasant and natural

Instantly felt heat

The table below shows the temperature readings off a surface area warmed by 1 500, 3 000 and 4 500 W heaters. These are temperatures measured from various distances (1, 2 and 3 metres), after 60 seconds of exposure at an ambient temperature of 20°C.

Temperature felt by 1 500 W of radiant heating

	1 500 W	3 000 W	4 500 W
3 metres	24°C	25°C	28°C
2 metres	27°C	30°C	33°C
1 metre	33°C	43°C	54°C

1 m   2 m   3 m
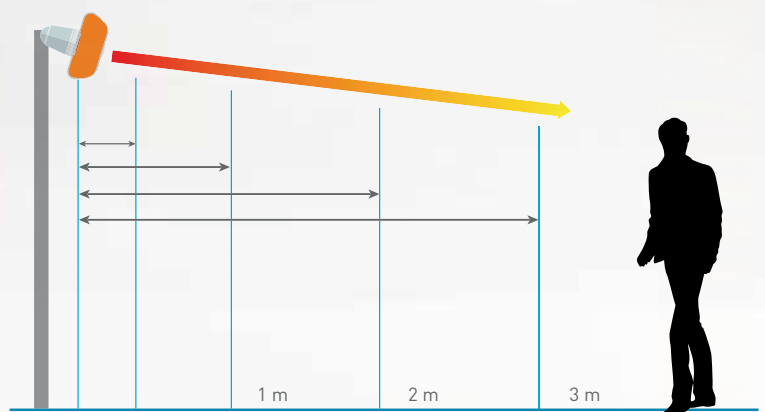
Infrared heaters

inox **304**

Infrared thermal radiation generates immediate, pleasurable warmth in solid matter (objects, humans, walls).

It can be used:

Inside:
- Restaurants, pubs, shops
- Places of worship, monuments, exhibition halls
- Gymnasiums
- Workshops, storage warehouses, garages, greenhouses.

Outside:
- Terraces, patios, social functions
- Stadiums, rostrums
- Smoking areas
- Work sites
- Etc.

Directions

- Positioning: 50 cm clear of any obstruction (object, partitions, etc.), adjusted at a height of 2.20 to 4 metres depending on heating output and the heat requirements.
- Tip: for large surface areas, it is advisable to use several evenly spaced medium-intensity radiant heating devices rather than a single higher-powered device.

Optional

- Low-glare lamp.
- 304 stainless steel.
- Adjustable steel stand for single-tube Modell: 1 000, 1 500, 1 800 W (see Accessories on page 45).
- Remote control.

IR 1500

MADE IN FRANCE

CE

WARRANTY **2** YEARS

PRODUCT +
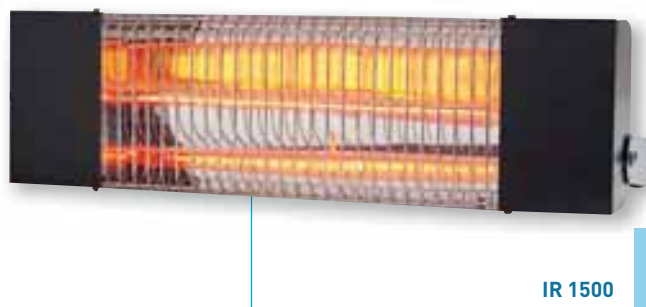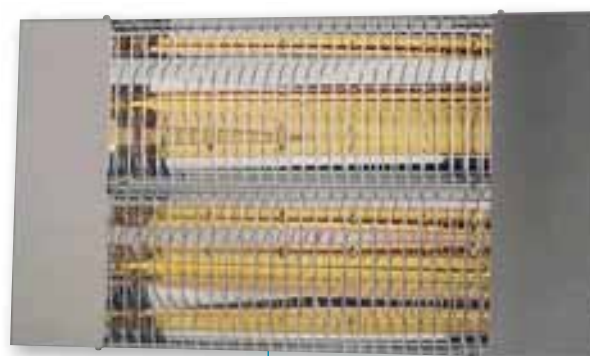
- **Silent**
- **Natural process, no reagents added**
- **Wall, free-standing, suspended or floor Modells**
- **Directional**
- **Interior or exterior use (IPX5)**
- **Corrosion and rust-proof: austenitic (304) stainless steel**
- **Available in 7 Leistungs: from 1 000 to 4 500 W**

IR 3000

Code	Model	Output	Power supply	Other materials	Weight	Dimensions L x H x W	Standard lamp/ tube reference
IR1000i	IR 1000 heater, stainless steel	1x1000W	220V / 50Hz	black-coated 304 stainless steel	1,5kg	47x13,5x6,5cm	LN1000
IR1500i	IR 1500 heater, stainless steel	1x1500W	220V / 50Hz	black-coated 304 stainless steel	1,5kg	47x13,5x6,5cm	LN1500
IR1800i	IR 1800 heater, stainless steel	1x1800W	220V / 50Hz	black-coated 304 stainless steel	1,5kg	47x13,5x6,5cm	LN1800
IR2000i	IR 2000 heater, stainless steel	2x1000W	220V / 50Hz	black-coated 304 stainless steel	3kg	47x22,5x6,5cm	LN1000
IR3000i	IR 3000 heater, stainless steel	2x1500W	220V / 50Hz	black-coated 304 stainless steel	3kg	47x22,5x6,5cm	LN1500
IR3600i	IR 3600 heater, stainless steel	2x1800W	220V / 50Hz	black-coated 304 stainless steel	3kg	47x22,5x6,5cm	LN1800
IR4500i	IR 4500 heater, stainless steel	3x1500W	380V / 50Hz	black-coated 304 stainless steel	4,5kg	47x32x6,5cm	LN1500

AIR COMFORT AND AIR CONTROL
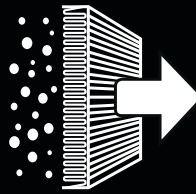
As part of its mission of combating pollutants, BRC has developed solutions for sanitising ambient air and enhancing the comfort of living and work spaces.

Air-control solution:
Air purifiers

Comparison of air purification operating systems

	Electrostatic	Photocatalytic	Germicidal
Composition	- electrostatic filter(s) - a pre-filter - a fan - 4-speed transceiver (radio remote control)	- a catalyser (a substrate saturated with titanium dioxide) - UV-A radiation source (T15W tube)	- triboelectric filter media - UV-C radiation (TUV 15W tube)
Operation	Suction and filtration of oil, emulsion and smoke fogs. The air is treated by electrostatic precipitation (the microparticles are given a positive charge and are attracted towards the negative field of the aluminium blades), and then discharged into the area without the loss of heat	By a process referred to as photocatalytic, the pollutant particles are oxidised by titanium dioxide, and transformed into water vapour, carbon dioxide and nitrogen	The air is suctioned in, and the largest particles filtered out and retained by a mechanical filter. The air is then transported within range of the UV-C radiation germicidal tubes, causing the microorganisms to be destroyed
Filtration	Particles ≥ 0,01 μ	Particles ≥ 0,01 μ	Particles ≥ 0,04 μ

Icon legend:

inox 304 — 304 stainless steel

— Remote-controlled

How effective is filtration?

The table opposite shows the micron size of several pollutants.
The 3 air purification processes demonstrated are effective in filtering miniscule particles.
As a result, the air is totally decontaminated of smoke, dust, pollen and bacteria.

TYPES OF FILTERS

ELECTROSTATIC FILTERS

MECHANICAL FILTER

TYPICAL POLLUTANTS

Oil smoke
Metal smoke
Tobacco smoke — Cement dust
Rubber smoke
Atmospheric dust
Oil fog — Pollen
Viruses — Paint particles — Human hair
Bacteria
PVC smoke

0.001   0.01   0.1   1.0   10   100   1 000

Particule size in microns
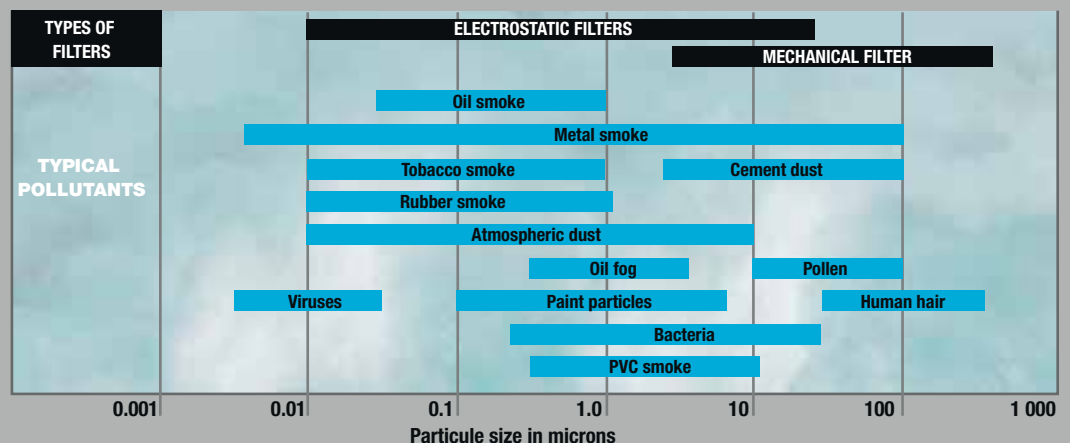
Electrostatic air purifiers

Ideal for locations requiring pure, allergen-free air, electrostatic air purifiers operate with an axial fan that sucks in ambient air:

• The pre-filter retains all of the coarse impurities present in the air (dust, fibres, etc.).

• The electrostatic filters include an ionising area, where the air-borne micro particles are given a positive electrical charge, and a collection area comprising aluminium blades creating a high-attraction negative electrical field.

The resulting clean air is recycled directly into the usage location, without heat loss and with no modification to the hygienic quality of the air.

Applications: Offices, computing environments, doctors' and vets' surgeries, analysis laboratories, medical and social centres and community areas, food outlets and non-food outlets, restaurant dining rooms, chicha bars, hotels, tourist hubs, discotheques, smoking rooms, etc.

MADE IN FRANCE
CE
WARRANTY 2 YEARS

ionizing area
Fan axial
Filtered dual voltage
Contact filters
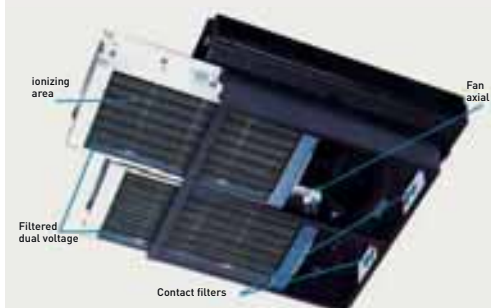
Directions

- Placement: mounted on the wall or attached to the ceiling (in the centre of the room).
- Servicing: electrostatic filter to be cleaned once a month.
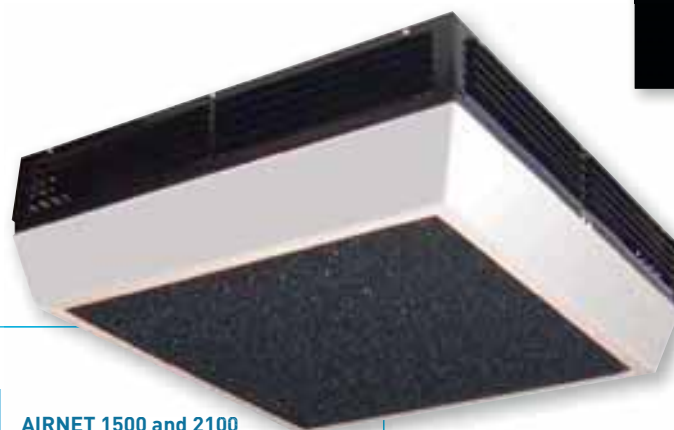
AIRNET 1500 and 2100 Ceiling Modell

PRODUCT

• **Air decontamination**
• **Elimination of air impurities and allergens**
• **Smoke capture feature**
• **Remote control-operated (AIRNET)**
• **No outlet duct required**

DELTA Wall Modell

Code	Model	Power supply	Consumption	Filter	Debit		Weight	Dimensions L x H x W
EPAIRNET1500R	AIRNET 1500 ceiling	220V / 50Hz	120W max	1 electrostatic	1500m³/h	✔	23kg	60x27x44cm
EPAIRNET2100R	AIRNET 2000 ceiling	220V / 50Hz	160W max	2 electrostatic	2100m³/h	✔	28kg	60x27x60cm
EPDELTAM	DELTA 1000 wall	220V / 50Hz	120W max	1 electrostatic	1000m³/h		21kg	52x27x35cm

Additional information on page **36**

Photocatalytic air purifiers

Photocatalysis consists in illuminating a base (substrate) covered with a thin film of titanium dioxide (TiO_2) with an ultraviolet light source. This configuration brings about a physical and chemical reaction that destroys most pollutants present in the air, by transforming them into CO_2 and H_2O. This process has the following advantages: it does not give off energy, does not require additives, leaves no residue and is entirely environmentally friendly.

The photocatalysis is performed under normal temperature and humidity conditions; no special conditions are required.

Applications: Offices, computing environments, doctors' and vets' surgeries, analysis laboratories, medical and social centres and community areas, food outlets and non-food outlets, restaurant dining rooms, chicha bars, hotels, tourist hubs, discotheques, smoking rooms, wine warehouses, fruit and vegetable storehouses, etc.

MADE IN FRANCE

WARRANTY **2** YEARS

AIRCAT 1500 and 2100 ceiling Modell

AIRCAT 800 on wheels

TiO_2 particle

- O_2 — Oxidation
- Irradiation
- BC — e^- — OH^-
- Degradation
- BV — h+ — OH^+ — Reduction
- H_2O

**CB: Conduction Band
VB: Valence Band**
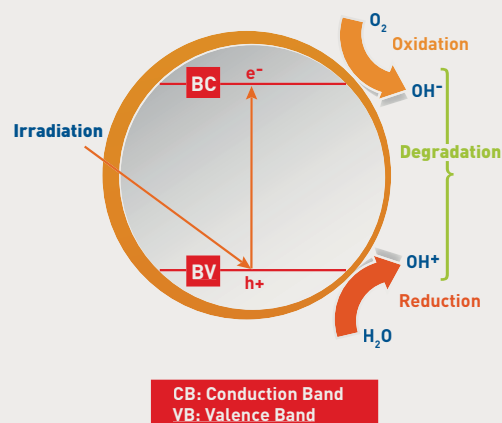
Directions

- Placement: mobile on the floor (on wheels) or attached to the ceiling (in the centre of the room).
- Servicing: tubes and substrate to be replaced annually.

PRODUCT +

- Air decontamination
- Elimination of volatile organic compounds (VOC)
- Total destruction of airborne microorganisms (bacteria, fungi, etc.)
- Treats odours
- Remote control-operated (ceiling model)

Code	Model	Output	Power supply	Consumption	Filter	Debit		Weight	Dimensions L x H x W	Standard lamp/ tube reference
EPAIRCA800	AIRCAT 800 floor	3X15W	220V / 50Hz	100W max	1 filter + 2 substrates	1000m³/h		14kg	33,5x57,3x31,5cm	TUV15W
EPAIRCA1500	AIRCAT 1500 ceiling	2X15W	220V / 50Hz	120W max	1 filter + 1 substrate	1500m³/h	✔	21kg	60x21x44cm	TUV15W
EPAIRCA2100	AIRCAT 2100 wall	4X15W	220V / 50Hz	160W max	1 filter + 1 substrate	2100m³/h	✔	26kg	60x21x60cm	TUV15W

Germicidal UV air purifiers

With the help of a triboelectric filter, germicidal UV air purifiers trap impurities, including submicron particles (as small as 0.04 microns) as well as bacteria, germs, microbes, etc. A germicidal ultraviolet barrier comprised of special tubes continuously exposes the electrostatic filter and all the microorganisms captured to radiation.

This treated air again passes through the ultraviolet beam in order to be totally decontaminated before being recycled.

Applications: Offices, computing environments, doctors' and vets' surgeries, analysis laboratories, medical and social centres and community areas, shops (excluding food outlets, discotheques, smoking rooms, etc.

MADE IN FRANCE

CE

WARRANTY 2 YEARS

Fan-motor

Ultraviolet barrier

Foam sheet

Triboelectric electrostatic filter

Directions

- Placement: mounted on the wall or attached to the ceiling (in the centre of the room).
- Servicing: tubes and filter to be replaced annually.

PRODUCT

• Air decontamination

• Total destruction of airborne microorganisms (bacteria, fungi, etc.)

• Remote control-operated

OMEGA G
ceiling Modell

OMEGA G COMPACT
ceiling Modell

Code	Model	Output	Power supply	Consumption	Filter	Debit		Weight	Dimensions L x H x W	Standard lamp/ tube reference
OMEGAGC	OMEGA G compact ceiling	1X15W	220V / 50Hz	120W max	1 HE 200 mdium	600m³/h	✔	12kg	41x22x41cm	TUV15W
OMEGAG50	OMEGA G 50 ceiling	2X15W	220V / 50Hz	120W max	1 HE 200 mdium	2000m³/h	✔	26kg	60x22x60cm	TUV15W

Air purifier

E-health: How technology can improve health care

• Technology:

- Mototurbine, touch screen panel,high-quality filtration
- High-efficiency photocatalysisdevelopped in collaboration with AFNOR Group

• Innovation

- Real-time filter performance display
- Continuously monitor the air you breathe
- Continuous environmental air quality data log (each hour)
- ACTIV mode: smart unit automatically adapts to your environment
- Activ oxygen mode: eliminates 100% of odors

• FILTRATION

- Antibacterial, virucidal and acaricidal pre-filter certifed EN1276, EN 14675: developed with a French laboratory
- PREMIUM EN1822-certified filters

MADE IN FRANCE

CE

WARRANTY 3 YEARS

Monitoring screens

For professionals, control the air in working and living spaces from a monitoring screen and IT Asset management software. Stay connected with EOLIS Air Manager using the NatéoSanté's app for tablets and smartphones.

| Air quality indicator | Speed control | Date and time display | Filter service indicator |

| ACTIV mode/ Manual mode | Night mode | Data history | Settings | Keypad lock | On/Off |

EOLIS

PRODUCT +
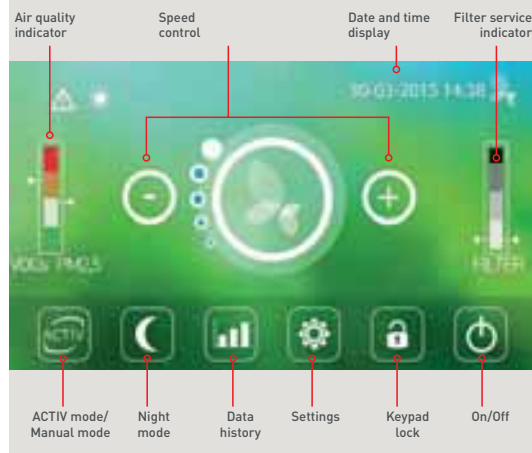
• **Connected: remote control from anywhere in the world**

• **Smart: Control the air you breathe**

• **Touch screen panel**

Code	Model	Power supply	Consumption	Filter	Debit	Fan speeds	Sound level	Weight	Dimensions L x H x W
EPARINET 600	Eolis 600	220V / 50Hz	65W	??	500m³/h	5	52dB(A)	8,9kg	50,5x38,5x23 cm
EPARINET 1200	Eolis 1200	220V / 50Hz	80W	??	850m³/h	5	59dB(A)	11,8kg	70,5x39,5x24 cm

SUMMARY OF
PRODUCT CHARACTERISTICS

INSECT CONTROL

Model	Recommended use					Glue	Electric	L	T	Shatterproof	Protection rating	I	L	Atex certified	Page
	Home	Building	Cart	Tractor	Factory	Glue	Electric	Lamp	Tube			Stainless	coated steel		
THERMOBUG			✔								54	304			13
IGLU	✔					✔		✔			20		white …		14
GT	✔	✔	✔			✔		✔			20		white		15
MG		✔	✔			✔		✔	✔		20	430	white, black		16
FLYinBOX		✔	✔				✔	✔			20	430	white, black		18
FLYinBOX GLU		✔	✔			✔		✔			20	430			19
PG40 LB		✔	✔			✔		✔			20		white		20
CAPTURE		✔	✔			✔	✔		✔		20	430			21
INOXTRAP			✔	✔	✔	✔			✔	✔	20, 65	304			22
AGR		✔	✔	✔	✔	✔	✔		✔	✔	21, 54	304			23
VORTEX				✔	✔	✔	✔	✔	✔				304	✔	24

HYGIENE EQUIPMENT

Model	Recommended use					L	T	Stainless steel	A	P	Page
	Home	Building	Cart	Tractor	Factory	Lamp	Tube		Magnet	Rack	
ARM/AAC			✔	✔		✔		430, 304	✔	✔	29
ARM50AF			✔	✔		✔		430, 304	✔		30
ARM2000A			✔				✔	430, 304	✔		30
LMC			✔	✔	✔			304			31
HYGILMC			✔	✔	✔			304			31
CENDI	✔	✔						430			32
CENDIC	✔	✔						430			32
CENDIP	✔	✔						430			32
AEROBIO	✔	✔	✔					430			33
BRUMISTAR	✔	✔	✔					430, 304			33

AIR COMFORT AND AIR CONTROL

Model	Recommended use					Purification system	I	P	Flow rate/m³	Remote control	Installation	Page
	Home	Building	Cart	Tractor	Factory		Stainless steel					
IR	✔		✔	✔	✔		430, 304	Black				35
AIRNET 1500		✔	✔			Electrostatic			1500	✔	Ceiling	37
AIRNET 2100		✔	✔			Electrostatic			2100	✔	Ceiling	37
DELTA		✔	✔			Electrostatic			1000		Wall	37
AIRCAT 800		✔		✔		Photocatalytic			1000		Floor	38
AIRCAT 1500		✔		✔		Photocatalytic			1500	✔	Ceiling	38
AIRCAT 2100		✔		✔		Photocatalytic			2100	✔	Ceiling	38
OMEGA G COMPACT		✔				Germicidal UV lamps			600	✔	Ceiling	39
OMEGA G 50		✔				Germicidal UV lamps			2000	✔	Ceiling	39
EOLIS 600	✔	✔	✔			ULPA, carbon filter photocatalytic			600	Control panel and smartphone application	Floor and wall standing	40
EOLIS1200	✔	✔	✔			ULPA, carbon filter photocatalytic			1200	Control panel and smartphone application	Floor and wall standing	40

INFORMATIONS ON
TECHNICAL CHARACTERISTICS
AND STANDARDS

CE Marking

All BRC products are CE and IECEE conform and comply with European and international requirements.

Compliance with European community directives

BRC declares all of its electrical devices to be compliant with the stipulations of the directives:

- 2002/96/CE   « WEEE: waste electrical and electronic equipment »
- 2014/30/UE   « EMC: electromagnetic compatibility »
- 2014/35/UE   « Low-voltage »
- 2011/65/CE   « RoHS: Restriction of Hazardous Substances »

Standards / Regulations / Methods / Recycling

The **HACCP (Hazard Analysis Critical Control Point)** method is used to identify, evaluate and manage all hazards likely to occur throughout the food production chain (from receipt of the foodstuff, through storage, to the serving of the food). They are based on a principle of continuous improvement of the measures implemented. HACCP rules are applied as a means of complying with the law. All BRC product characteristics (insect traps and hygiene equipment) meet HACCP requirements.

Adopted by the European Union in 2003, the aim of the **ATEX (Explosive Atmospheres) regulations** is to provide enhanced protection in atmospheres with a high content of organic dust and/or at risk of explosion, by implementing technical and organisational measures.

Definitions of ATEX zones:

EXPLOSIVE ATMOSPHERE	GAS/VAPOUR ZONES	DUST ZONES
Permanent, during normal operations	0	20
Occasional, during normal operations	1	21
Accidental, during normal operations	2	22

BRC offers the VORTEX insect trap (page 29), made of components protected by an unbreakable quartz glass and providing excellent UV radiation transmission. The VORTEX is designed for zones 1-21 and 2-22.

Directive 2004/108/CE requires all electrical or electronic products sold on the Eurpoean market to be in compliance with the **electromagnetic compatibility standard (ECM)**. Its aim is both to limit electromagnetic disturbances emitted by the device and to protect the device against disturbances from other equipment and from the environment.

The aim of the **RoHS (Restriction of Hazardous Substances)** directive 2011/65/CE is to restrict the use of six hazardous substances in electrical and electronic equipment: mercury, lead, cadmium, hexavalent chrome, polybrominated biphenyls and polybrominated diphenyl ethers.

As part of its exercise in corporate responsibility, the not-for-profit eco-organisation Recyclum is responsible for the collection and recycling of used lamps and waste electrical and electronic equipment (WEEE). There are collection points (distributors, recycling centres, etc.), or the waste can be collected directly from the owners.

WEEE regulations arising out of European directive 2002/96/CE pertains to the **recycling of waste electrical and electronic equipment (WEEE)**.

The **French Health Compliance Certification (ACS)** is an official approval delivered by the Directorate-General for Health Care, and beceme compulsory in France on 24 December 2006. It applies to the component materials of equipment that come into contact with water intended for human consumption and also applies to the equipment itself (referred to as "accessories" in the device).

INSECT CONTROL	INSECT TRAPS	ELECTRIC INSECT TRAPS	INSECT GLUE TRAPS
		EN 60335-2-59 : 2003 + A1 + A2 EN 60335-1 : 2012 + A11 : 2014 EN 55011 : 2009 / A1 : 2010 EN 55014-1 : 2006 / A1 : 2009 / A2 : 2011 EN 55014-2 : 1997 / A1 : 2001 / A2 : 2008 EN 61000-3-2 : 2006 / A1 : 2009 / A2 : 2009 EN 61000-3-3 : 2008 EN 62233 : 2008 EN 55015 : 2006 / A1 : 2007 / A2 : 2009 EN 61547 : 2009 EN 62493 : 2010	EN 60335-1 : 2012 EN 55011 : 2009 / A1 : 2010 EN 61000-3-2 : 2006 / A1 : 2009 / A2 : 2009 EN 61000-3-3 : 2008 EN 62233 : 2008 EN 55015 : 2006 / A1 : 2007 / A2 : 2009 EN 61547 : 2009 EN 62493 : 2010

HYGIENE EQUIPMENT	STERILISATION CUPBOARDS	EN 60335-1 : 2012 EN 55011 : 2009 / A1 : 2010 EN 55014-1 : 2006 / A1 : 2009 / A2 : 2011 EN 55014-2 : 1997 / A1 : 2001 / A2 : 2008 EN 61000-3-2 : 2006 / A1 : 2009 / A2 : 2009 EN 61000-3-3 : 2008 EN 62233 : 2008 EN 55015 : 2006 / A1 : 2007 / A2 : 2009 EN 61547 : 2009 EN 62493 : 2010	
	DISINFECTANT ATOMISERS	EN 55014-1 : 2006 EN 55014-2 : 1997 / A1 : 2001 EN 61000-4-2 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-11	

AIR COMFORT AND AIR CONTROL	AIR PURIFIERS	EN 61000-6-1 EN 61000-6-3
	INFRARED HEATERS	EN 60335-1 (2003) + A1 + A2 + A11+ A12 + A13 EN 60335-2-30(05) + A1 + A2

Certification bodies and laboratories

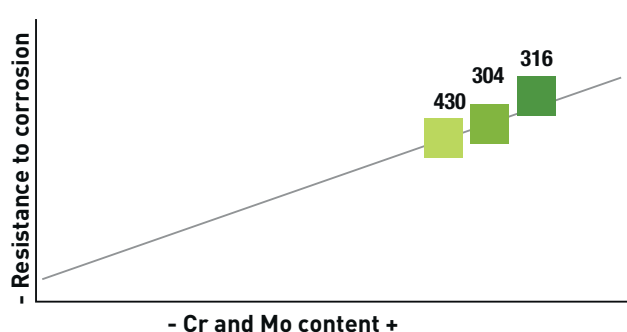| Electrical and electronic product compliance	Specialists in environmental testing of equipment for CE marking, EMC, electrical safety, etc.	Industrial product analysis and testing	Certification and inspection of electrical and electronic products and industrial safety (ATEX)

Stainless steel

Stainless steel has varying degrees of corrosion-resistance depending on its composition.
The presence of chrome (Cr) and molybdenum (Mo) increases its anti-corrosive properties in harsh environments.

S.STEEL	Cr	Ni	Mo	Environment
430	17 %			Food processing industries, kitchens
304	18 %	9 %		+ chemical industries
316	18 %	13 %	2 %	+ petroleum and pharmaceutical industries, marine environments

BRC offers 430 and 304 stainless steel and can also design equipment in 316 stainless steel on request

Resistance of ferritic / austenitic steel to localised corrosion

- Resistance to corrosion

- Cr and Mo content +

International protection rating (IP)

This is an international standard pertaining to sealing effectiveness.

BRC products have 4 different levels of protection:

- **IP 20:**
  Protects the device from solid matter larger than 12 mm and no protection against liquid body.

- **IP 21:**
  Protects the device from solid matter larger than 12 mm and from vertically falling drops of water.

- **IP 54:**
  Protects the device from dust and water spray from any direction.

- **IP 65:**
  Protects the device from dust and from water jets sprayed from any direction (22.5 mm nozzle, 12.5 l/m).

iP 65

	DEGREE OF PROTECTION against ingress of solid matter		DEGREE OF PROTECTION against ingress of liquid matter
0	No protection	0	No protection
1	Protects against ingress of solid foreign bodies larger than 50 mm	1	Protects against vertically falling drops of water
2	Protects against ingress of solid foreign bodies larger than 12 mm	2	Protects against vertically falling drops of water when the impact surface is tilted at a maximum angle of 15°
3	Protects against ingress of solid foreign bodies larger than 2.5 mm	3	Protects against vertically falling drops of water when the impact surface is tilted at a maximum angle of 60°
4	Protects against ingress of solid foreign bodies larger than 1 mm	4	Protects against splashes coming from any direction
5	Protects agains dust (no harmful deposits)	5	Protects agains water projected from any direction(no harmful effect)
6	Complete protection from ingress of dust	6	Protects agains water projected in powerful jets from any direction(no harmful effect)
		7	Protects agains the effects of immersion in water 15 cm to 1 m deep
		8	Protects agains prolonged immersion under pressure

IK rating

IK09

This rating determines the degree to which a device is able to resist mechanical shocks, according to standard NF C 20-010. It is measured on a scale of 0 to 10 based on the impact energy which can range from 0 to 20 joules.

IK Code	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
Impact enery (J)	-	0,15	0,2	0,35	0,5	0,7	1	2	5	10	20

Among its range of insect traps, BRC has designed the VORTEX with an IK09 rating, that is, a resistance to impact energy of 10 J.

Categories of electrical devices

All electrical equipment, when connected to a power source, must have protection against electric shocks that is adequate for the conditions on the premises.

There are 2 types of electrical protection:
- The main protection against the risks of direct contact.
- Additional protection against the risks of indirect contact.

The table below shows the stipulations corresponding to the category of equipment

Class of equipment	Stipulation for protection		
	Main protection in the equipment	Additional protection	
		in the equipment	on the premises
0	Main insulation	-	Environment (non-conductive premises)
I	Main insulation	The equipment is actually earthed (*) to each other and to the connection devices on the external protective conductor (ground terminal)	Automatice power shut-down by ground conductor and related automatic protective device
II	Main insulation or Double or enhanced insulation	Additional insulation	-
III	Limitation of voltage	-	Separation of the protection from all other circuits

(*) Earth: the conductive part of a piece of electrical equipment that is likely to be touched, which is not normally live but can become so in the event of a fault, particularly when the main insulation fails.

All BRC electrical devices are class I devices.

ACCESSORIES

INSECT CONTROL

			CODES	RELEVANT PRODUCTS
Stand for table top positioning		Used for a table top vertical positioning	SUPTABMG	MG30 MG40 MG400/800
Wall mounting kit 1 scres + 1 wall plug		2 mounting kits are required for attaching the following insect traps to the wall: - GLUETRAP - MG - OPUS - ATRIUM	KITM	
Stainless steel bracket		To be installed perpendicular to the wall, so as to take advantage of the attraction surfaces on the insect traps (2 sides instead of one).	POTENCE400 POTENCE700	All models < 33 cm All models > 33 cm
Wall bracket for INOXTRAP		INOXTRAP accessories	SUPMURAL-TRAPIP20	INOXTRAP30 IP20 INOXTRAP40/80 IP20
Extension cable 30 m		Thermo Bug accessories	RALLONGE	THERMOBUG

HYGIENE EQUIPMENT

			CODES
300 ml soap dispenser		Practical, for installation on the splashback of the hand sink	DIST SAV
Lock + 2 keys + nut		Designed for the disinfection cupboards and the ashtrays	SERRURE
Brush		Hand Sink accessories	BROSSE
Bin 15 l		Hand Sink accessories	POUBELLE

CUSTOMIZATION CONDITIONS
for PRODUCT

IGLU®: customization from 57 units

GT® :
- GT20 : customization from 26 units, then for multiple of 13
- GT40 : customization from 24 units, then for multiple of 8
- Colors from 30 units

CAPTURE® :
- CAPTURE 30 : customization from 20 units, then for multiple of 10
- CAPTURE 300 : customization from 21 units, then for multiple of 7
- CAPTURE 400/800 : customization from 30 units, then for multiple of 15

AGR® :
- AGR 30 : customization from 20 units, then for multiple of 10
- AGR 80 : customization from 24 units, then for multiple of 6

INOXTRAP® :
- INOXTRAP 30 : customization from 18 units, then for multiple of 9
- INOXTRAP 40/80 : customization from 16 units, then for multiple of 8
- INOXTRAP 40/80 IP65 : customization from 18 units, then for multiple of 6

Handsinks : customization from 24 units, then for multiple of 12

Notes

TERMS and CONDITIONS
of SALE

1 – Orders

- All orders automatically imply acceptance of the present terms and conditions of sale supplemented, where applicable, by our specific conditions. Any conditions to the contrary, which may be stipulated by the buyer in his terms and conditions of purchase, are cancelled by the present terms and conditions and deemed null and void for our part.
- Orders sent to us are understood to be subject to our acceptance, and a refusal by us must be justified within 30 days of receipt of the order.
  - Orders accepted cannot be cancelled, even in part, without our written agreement.
  - In the case of special orders, no modifications to the order shall be allowed.
  - The information provided in the catalogues, instruction leaflets, price lists and other non-contractual documents is by way of reference only and cannot render us liable.

2 – Price

- The applicable price shall be either the one indicated in our quotation or, for regular products kept in stock, the one shown on the pricelist in effect as at the date of the order.
- This price shall be fixed so long as delivery is made within a maximum of one month of placement of the order. Should this deadline be exceeded for any reason beyond our control, the buyer shall be notified of the new pricelist in effect, or the new prices applicable to specific products, which, failing a written objection by the buyer within one week, shall be considered to have been accepted.
- This price is quoted exclusive of tax, ex-factory, unless subject to specific agreement, and cannot be. The packaging is determined and prepared by us, unless otherwise agreed upon, and will not be altered.
  - The total amount for the merchandise, which appears on each invoice, shall be subject to charges, the amounts of which can be shown to the buyer on request.

3 – Payment

- Our invoices are payable in cash on delivery, unless subject to a specific agreement between the parties.
- We reserve the right to request a deposit of at least 30% on the cost of the order. In the event that the customer cancels the order without a written agreement from us, the deposit paid is retained by us, without prejudice to full payment of the cost corresponding to the portion of the order already completed.
- In a case of part-delivery, non-delivery or deferment of delivery of the remaining merchandise shall not delay settlement of the portion delivered.
- Similarly, if a cause for litigation or a difference in the amount or due date is determined, this can only be resolved by way of a credit note or a part-payment jointly agreed to with our accounting department, and on no account by way of non-settlement on the due date.
- Any invoice, a duplicate of which has not been requested from us within a period of one month following delivery, shall be deemed to have been received by the buyer.
- As a rule, non-settlement of an invoice due for payment, or failure to return a bill of exchange by the legal deadline can lead to suspended processing of the order and suspended delivery of all pending orders.
- Any delay in payment past the contractual due date shall give rise to application of Article L-441-6 of the commercial code. Fixed damages in the amount of 40 dollars shall be automatically payable, as well as additional collection charges, without prior formal notification. In addition, under the provisions of the New Economic Regulations Act, a penalty equal to the increased ECB (European Central Bank) rate of 10 points shall be claimed in respect of late-payment interest.

4 – Delivery

- Products are loaded under the responsibility of the person operating the vehicle.
- By express agreement, the unloading at the delivery location is exclusively the responsibility of the buyer and is carried out under his supervision, irrespective of any assistance our driver or the driver of the carrier company chosen by us may render.
- The supervision of the products shall be passed to the buyer upon arrival of the products at the buyer's warehouses. However, if he has organised the transport, supervision shall be transferred to the buyer's carrier prior to loading the products into our warehouses.
- The buyer agrees to take delivery of the product at the location and on the date given by us. Should the buyer fail to act, the delivery and all the effects there of shall be deemed to have taken place on this date.

- Delivery lead times are given as an indication only, and failure to observe such cannot incur late penalties, cancellation of the order or a deferment of payment.
- All additional costs incurred by lateness beyond our control in the execution of a delivery shall be borne by the buyer.
- Force majeure, drafting, war, strikes, lock-outs, epidemics, lack of materials, fire, flood, equipment accidents or other causes resulting in the total or partial closure or disorganisation of the factories to which our orders are sent, absolve us of any duty to provide the products whose manufacture has been suspended.
- No claim for non-compliance or apparent defects in products shall be accepted after a period of one week from the date of their delivery.
- In addition, the buyer agrees, in the event of a partial loss or damage incurred during transport, to issue within a period of three days from the date of receipt of the products, all justified reservations against the carrier via registered letter with proof of delivery, failing which the claim will be rejected.

5 – Warranty

- Our devices carry warranties of 1 to 5 years against any defects in workmanship or manufacturing (depending on the model) from the invoice date (except for consumable items). The warranty is limited to replacement of the defective part at our factory and at our expense. This warranty applies subject to our agreement only, and if the defective part or the entire device is returned to us carriage and packaging paid. The warranty is invalid in the event of damage caused by improper use of the device. Devices are re-shipped carriage paid. No indemnity may be requested by way of damages for any reason whatsoever.

6 – Return of merchandise

- Returned merchandise is accepted only if we have authorised this beforehand. The cost of returns is borne by the customer and can only apply to merchandise in the perfectly new condition, in its original packaging.
- Returned merchandise is credited to the purchaser in the form of a non-redeemable credit note.
- Manufactured parts (special orders) can under no circumstances be returned.

7 – Retention of ownership

- We expressly retain ownership of the products sold until the day they are fully paid for, with the stipulation that under the provisions of the present clause, only actual collection of cheques and commercial papers shall constitute payment.
- Notwithstanding the present clause, the goods sold shall be at the risk of the buyer the moment they leave our factory.
- The buyer also declares himself to be fully aware of Act no.80335 of 12 May 1980.

8 – Contract revision

- Any knowledge of a major change in the economic or financial status of the purchaser, even after partial execution of the orders may result in a revision of the conditions for executing these orders, as well as the overall terms of credit granted to the buyer.
- We also reserve the right at any time to request guarantees for the settlement of our invoices.

9 – Contract cancellation

The sale shall be automatically cancelled without no other formality than a simple final notice sent to the buyer which, if it remains without response for more than two weeks, shall release us from any obligations in the event of non-payment of an instalment at the agreed due date, as well as in the event of non-compliance with any one of the obligations stipulated in the present terms and conditions of sale or in the special terms of the sale.

10 – Assignment of jurisdiction

In the event of a dispute, only the commercial court for our company's corporate headquarters shall be competent to adjudicate, even in a case of multiple defendants or recourse under warranty

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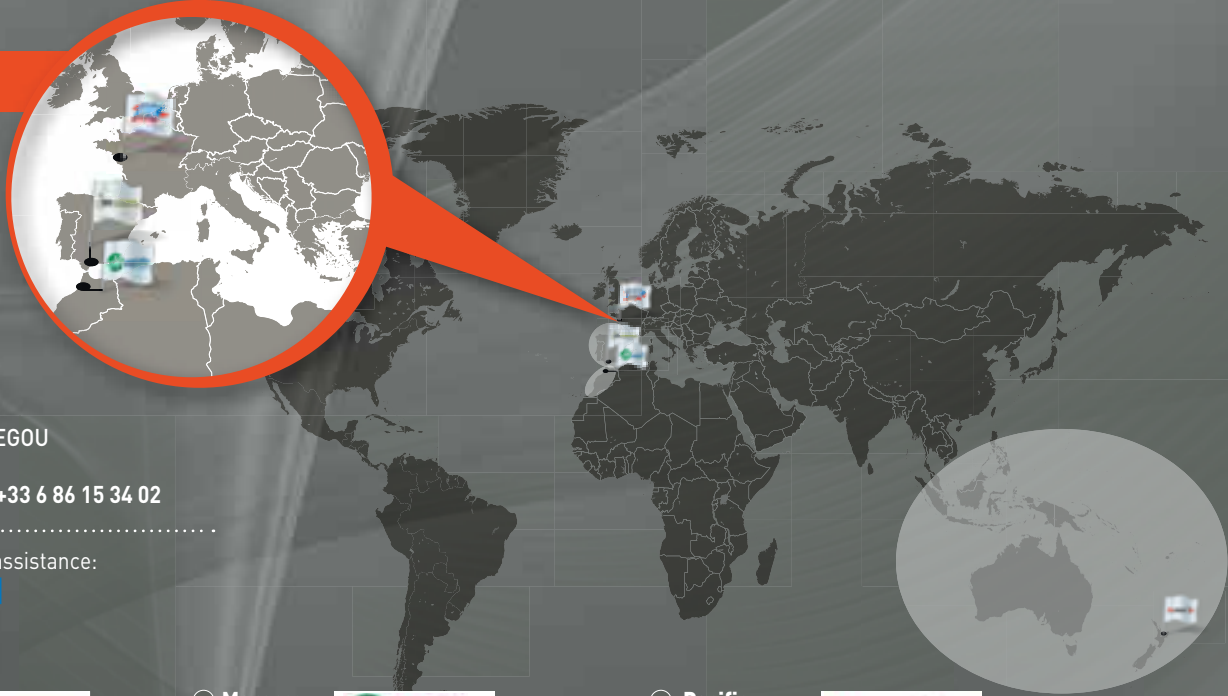
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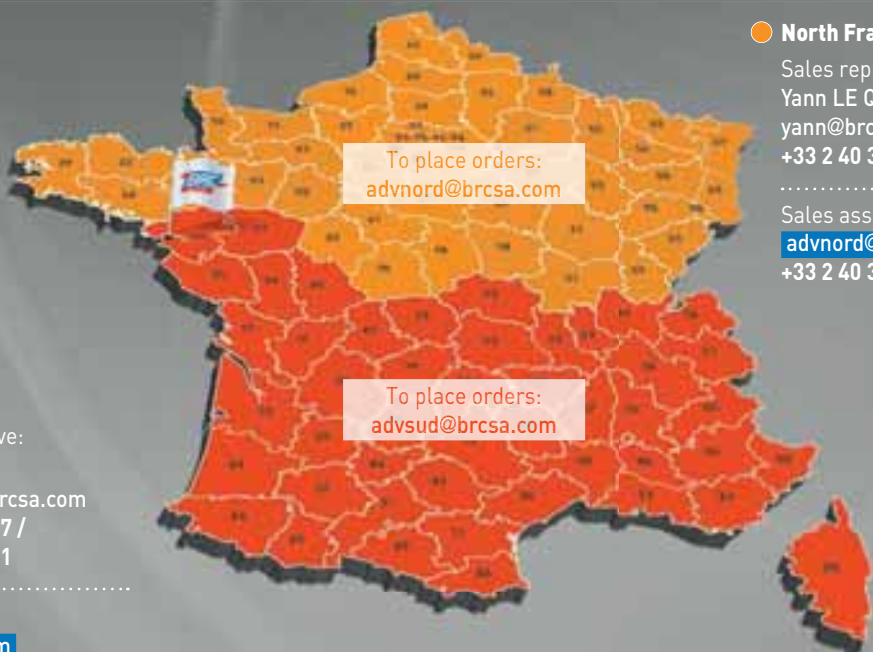
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