ECO BIRDS®

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BIRD BARRIER FOR SOLAR PANELS
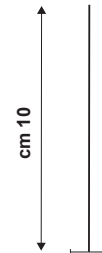
BUDDYSUN
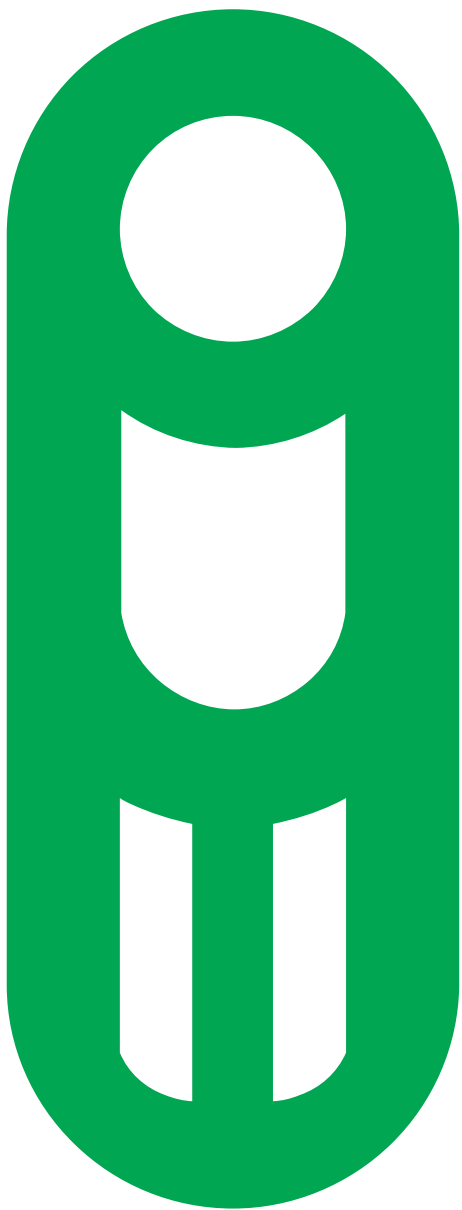
BIRD CONTROL

ECO BIRDS

STEEL

A STAINLESS STEEL BIRD SPIKE 30 PINS / METRE

Bird spike with stainless steel base, particularly suitable in difficult environmental conditions such as heat, solvent pollution, etc.
For use in the presence of **low bird infestation levels** on gutters, electric cables and/or narrow surfaces. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.
The bird spike does not deform over time since the base and the pins are made of high quality stainless steel.

TECHNICAL DATA
Length: 1000 mm
No. of pins: 30 in a metre
Distance between pins: 33 mm
Coverage: Longitudinal
Fixing holes: Ø 4,5 mm
BASE
Material: Stainless steel
PINS
Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm

cm 10

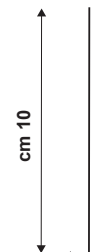| Code:	Pack:	Pallet:
301	50 m / carton	36 cts / pallet

B STAINLESS STEEL BIRD SPIKE 66 PINS / METRE

Bird spike with stainless steel base, particularly suitable in difficult environmental conditions such as heat, solvent pollution, etc.
For use in the presence of **medium / high bird infestation levels** on gutters and/or narrow surfaces. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.
The bird spike does not deform over time since the base and the pins are made of high quality stainless steel.

TECHNICAL DATA
Length: 1000 mm
No. of pins: 66 in a metre
Distance between pins: 15 mm
Coverage: Longitudinal
Fixing holes: Ø 4,5 mm
BASE
Material: Stainless steel
PINS
Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm

cm 10

Code:	Pack:	Pallet:
302	50 m / carton	36 cts / pallet

A — STAINLESS STEEL BIRD SPIKE 66 PINS / METRE

Bird spike with stainless steel base, particularly suitable in difficult environmental conditions such as heat, solvent pollution, etc.
For use in the presence of **medium / high bird infestation levels** on narrow surfaces which require both vertical and slanted protection. This bird spike features vertical pins alternating with pins that slant only on one side, so that installers can fix it against the wall of the building.
It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.
The bird spike does not deform over time since the base and the pins are made of high quality stainless steel.

TECHNICAL DATA
Length:	1000 mm
No. of pins:	66 in a metre
Distance between pins:	15 mm
Coverage:	60 mm
Fixing holes:	Ø 4,5 mm
BASE	
Material:	Stainless steel
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm

41°
cm 10
cm 6
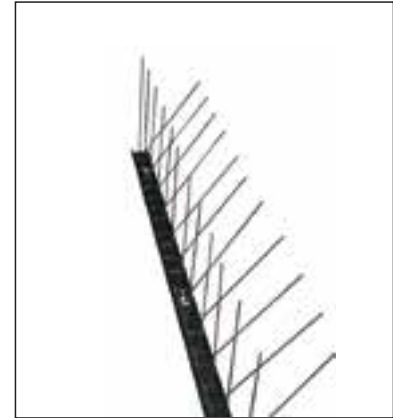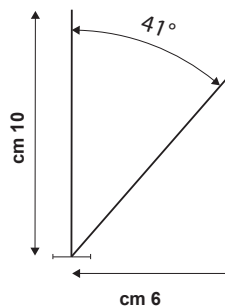
Code:	Pack:	Pallet:
303	50 m / carton	36 cts / pallet

B — STAINLESS STEEL BIRD SPIKE 66 PINS / METRE

Bird spike with stainless steel base, particularly suitable in difficult environmental conditions such as heat, solvent pollution, etc.
For use in the presence of **medium / high bird infestation levels** on all types of surfaces requiring good coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.
The bird spike does not deform over time since the base and the pins are made of high quality stainless steel.

TECHNICAL DATA
Length:	1000 mm
No. of pins:	66 in a metre
Distance between pins:	15 mm
Coverage:	120 mm
Fixing holes:	Ø 4,5 mm
BASE	
Material:	Stainless steel
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm

41°   *41°*
cm 10
cm 12

Code:	Pack:	Pallet:
310	50 m / carton	36 cts / pallet

ECO BIRDS

7

A STAINLESS STEEL BIRD SPIKE FOR SOLAR PANELS 66 PINS/MT

This bird spike is similar to the standard stainless steel model, but its pins slant in a different way. With 66 pins per metre slanting at three different angles, this is a more versatile product.
It is in fact designed to protect the highest edge of solar panels, whichever way the panel is slanting. Suitable for all types of panels and all bird species.

TECHNICAL DATA
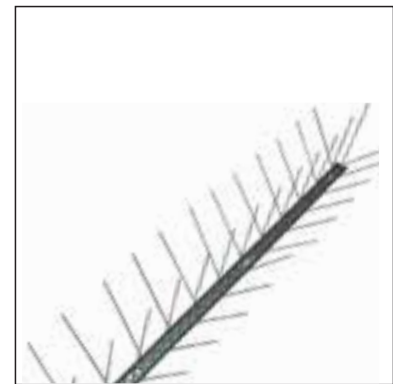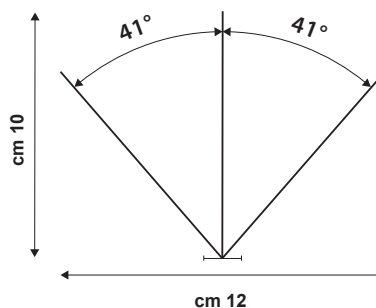Length: 1000 mm
No. of pins: 66 in a metre
Distance between pins: 15 mm
Coverage: 90 mm
Fixing holes: Ø 4,5 mm
BASE
Material: Stainless steel
PINS
Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm

cm 10 · 45° · 30° · 15° · cm 9

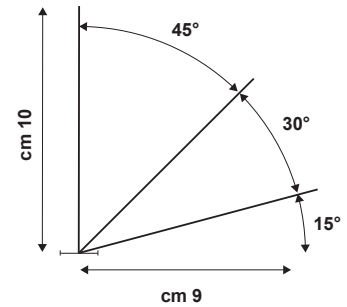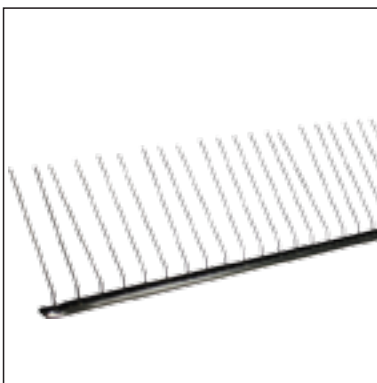| Code:	Pack:	Pallet:
313	50 m / carton	36 cts / pallet

B STAINLESS STEEL BIRD SPIKE FOR SOLAR PANELS 66 PINS/MT

This bird spike is similar to the standard stainless steel model, but its pins slant in a different way.
It has 66 pins per metre bent at the same angle and is designed to protect the highest edge of solar panels installed at a 30-degree angle from the ground.
Suitable for all bird species.

TECHNICAL DATA
Length: 1000 mm
No. of pins: 66 in a metre
Distance between pins: 15 mm
Coverage: 60 mm
Fixing holes: Ø 4,5 mm
BASE
Material: Stainless steel
PINS
Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm

cm 8 · 45° · cm 6

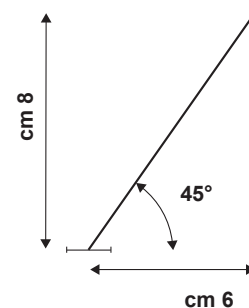| Code:	Pack:	Pallet:
314	50 m / carton	36 cts / pallet

ECO BIRDS

8

A STAINLESS STEEL BIRD SPIKE FOR SHUTTERS 66 PINS/METRE

This bird spike is similar to the standard stainless steel model, but its pins slant in a different way. It has 66 pins per metre bent at the same angle.
Attached to the front exterior of the shutters, its special shape allows the protection of the window shutter tops. Suitable for all bird species.

TECHNICAL DATA
Length:	1000 mm
No. of pins:	66 in a metre
Distance between pins:	15 mm
Coverage:	30 mm
Fixing holes:	Ø 4,5 mm
BASE	
Material:	Stainless steel
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm

Code:	Pack:	Pallet:
315	50 m / carton	36 cts / pallet

B STAINLESS STEEL BIRD SPIKE 60 PINS/METRE

Bird spike with stainless steel base, particularly suitable in difficult environmental conditions such as heat, solvent pollution, etc.
For use in the presence of **medium / high bird infestation levels** on all types of surfaces requiring good coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc. The bird spike does not deform over time since the base and the pins are made of high quality stainless steel.
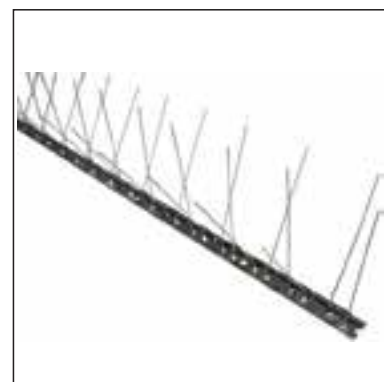
TECHNICAL DATA
Length:	1000 mm
No. of pins:	60 in a metre
Distance between pins:	16,6 mm
Coverage:	120 mm
Fixing holes:	Ø 4,5 mm
BASE	
Material:	Stainless steel
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm
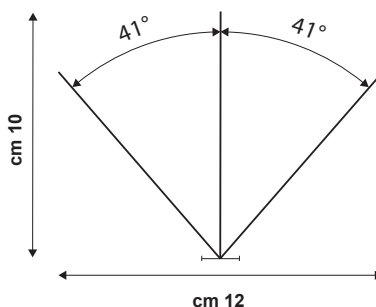
Code:	Pack:	Pallet:
316	50 m / carton	36 cts / pallet

C STAINLESS STEEL SPIRAL FOR GUTTERS PROTECTION

Special spiral in harmonic stainless steel designed to protect gutters from pest birds. The spring has a wide diameter, thus allowing an easy flow of water.
Totally harmless to birds, it guarantees the protection of surfaces with a width of 10/12 cm and a length of 2/3 mt. It comes in kit with 2 fixing curls mod 51.

TECHNICAL DATA
Length:	max 4000 mm
Width:	100 mm
Thickness:	1,2 mm
Material:	Stainless steel
Nr of coils:	Approx 70
Coverage:	Ideal 2000/3000 mm

Code:	Pack:	Carton:
825	1 pc / pack	---

A BIRD SPIKE WITH 80 PINS / METRE

Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.
This practical bird spike is designed to ensure maximum coverage and protection in any situation.
For use in the presence of **medium / high bird infestation levels** on all types of surfaces requiring good coverage.
It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.
The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.

TECHNICAL DATA
Length: 500 mm
No. of pins: 40 in 500 mm (80 in a metre)
Coverage: 90 mm
Fixing holes: Ø 4 mm
BASE
Material: UV-treated polycarbonate
PINS
Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm

27°   27°
cm 11
cm 10
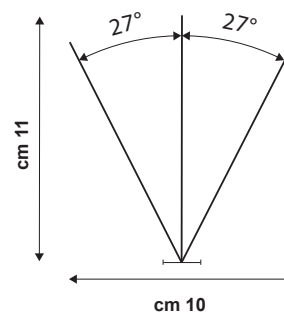
Code:	Pack:	Pallet:
304	50 m / carton	20 cts / pallet

B BIRD SPIKE WITH 80 PINS / METRE

Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.
This practical bird spike is designed to ensure maximum coverage and protection in any situation.
For use in the presence of **medium / low bird infestation levels** on all types of surfaces requiring good coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.
The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.

TECHNICAL DATA
Length: 500 mm
No. of pins: 40 in 500 mm (80 in a metre)
Coverage: 60 mm
Fixing holes: Ø 4 mm
BASE
Material: UV-treated polycarbonate
PINS
Material: Stainless steel
Length: 100 mm
Diameter: 1,3 mm

19°   19°
cm 11
cm 7

Code:	Pack:	Pallet:
305	50 m / carton	28 cts / pallet

A   BIRD SPIKE WITH 120 PINS / METRE

Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.

This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **extremely high bird infestation levels** on all types of surfaces requiring good coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.

The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.

TECHNICAL DATA
Length:	500 mm
No. of pins:	60 in 500 mm (120 in a metre)
Coverage:	160 mm
Fixing holes:	Ø 4 mm
BASE	
Material:	UV-treated polycarbonate
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm

27°   27°   17°   17°   cm 11   cm 16
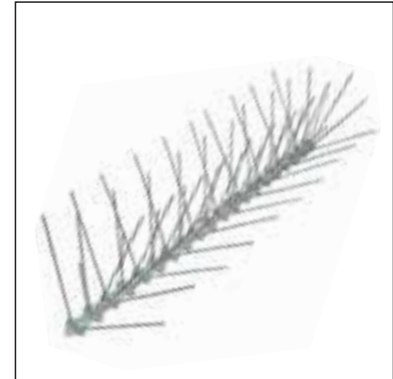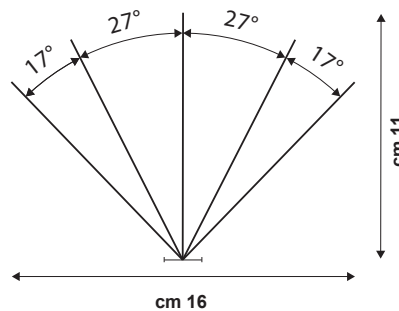
Code:	Pack:	Pallet:
306	50 m / carton	12 cts / pallet

B   BIRD SPIKE WITH 40 PINS / METRE

Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.

This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **medium / low bird infestation levels** on all types of surfaces requiring good coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.

The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.
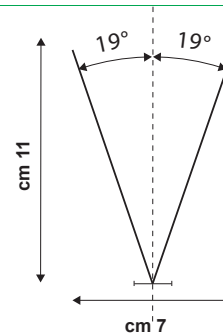
TECHNICAL DATA
Length:	500 mm
No. of pins:	20 in 500 mm (40 in a metre)
Coverage:	Longitudinal
Fixing holes:	Ø 4 mm
BASE	
Material:	UV-treated polycarbonate
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm

cm 11
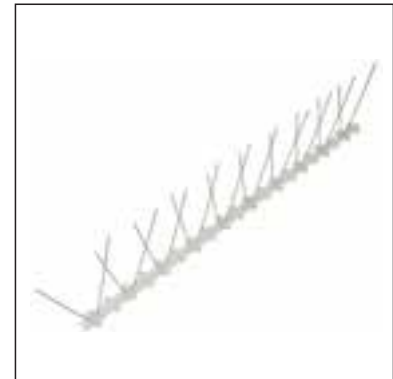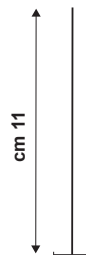
Code:	Pack:	Pallet:
307	100 m / carton	20 cts / pallet

ANTI-PERCHING SYSTEMS
POLYCARBONATE + STEEL

A **BIRD SPIKE WITH 40 PINS / METRE**

Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.
This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **low bird infestation levels** on all types of surfaces. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.
The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.

TECHNICAL DATA
Length:	500 mm
No. of pins:	20 in 500 mm (40 in a metre)
Coverage:	60 mm
Fixing holes:	Ø 4 mm
BASE	
Material:	UV-treated polycarbonate
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm

19° 19°
cm 11
cm 7

Code:	Pack:	Pallet:
308	100 m / carton	20 cts / pallet

B **BIRD SPIKE WITH 80 PINS / METRE**

Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.
This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **medium / high bird infestation levels** on all types of surfaces requiring good coverage.It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.
The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.

TECHNICAL DATA
Length:	500 mm
No. of pins:	40 in 500 mm (80 in a metre)
Coverage:	160 mm
Fixing holes:	Ø 4 mm
BASE	
Material:	UV-treated polycarbonate
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm

25° 19° 19° 25°
cm 11
cm 16

Code:	Pack:	Pallet:
311	50 m / carton	20 cts / pallet

ECO BIRDS

A   BIRD SPIKE WITH 80 PINS / METRE

Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.
This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **medium bird infestation levels** on all types of surfaces requiring good coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc. The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.
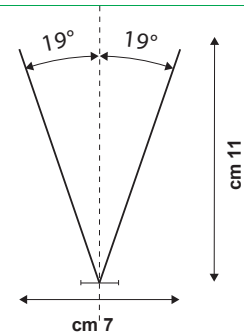
TECHNICAL DATA

Length:	500 mm
No. of pins:	40 in 500 mm (80 in a metre)
Coverage:	160 mm
Fixing holes:	Ø 4 mm
BASE	
Material:	UV-treated polycarbonate
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm

44°   44°   cm 11   cm 16

Code:	Pack:	Pallet:
312	50 m / carton	12 cts / pallet

B   BIRD SPIKE WITH 60 PINS / METRE

Versatile, quick to install bird spike that is certainly one of the most effective deterrent methods on the market.
This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **medium / low bird infestation levels** on all types of surfaces requiring good coverage. It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.
The bird spike does not deform over time since it has a UV-treated polycarbonate base that is corrosion and weather resistant while the pins are made of high quality stainless steel.
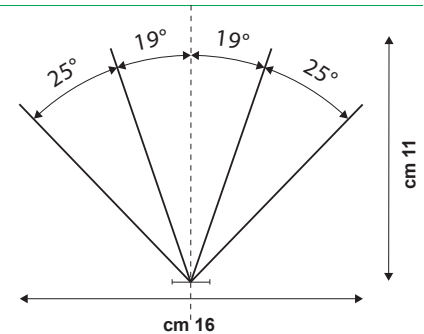
TECHNICAL DATA

Length:	500 mm
No. of pins:	30 in 500 mm (60 in a metre)
Coverage:	60 mm
Fixing holes:	Ø 4 mm
BASE	
Material:	UV-treated polycarbonate
PINS	
Material:	Stainless steel
Length:	100 mm
Diameter:	1,3 mm

19°   19°   cm 11   cm 7

Code:	Pack:	Pallet:
360	50 m / carton	20 cts / pallet
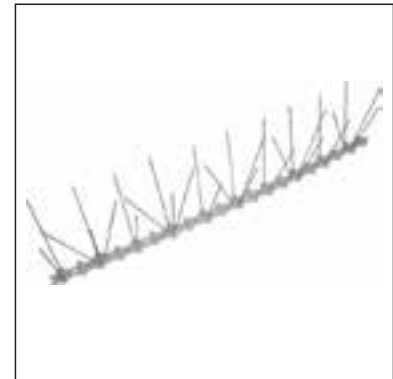
A   BIRD SPIKE FOR SEAGULLS WITH 80 PINS/MT

Special development of the bird spike model 304, this item has been designed to protect surfaces from seagulls' longer legs; pins length has been increased to 160 mm to ensure maximum protection.
Suitable in the presence of **medium / high seagull infestation level** and with a perching surface of 10/15 cm. It can be fastened using silicone, screws, rivets, etc.
Made from stainless steel wires protruding from a UV stabilised polycarbonate base, this product is designed with long service life in mind.

TECHNICAL DATA

Length:	500 mm
No. of pins:	40 in 500 mm (80 in 1000 mm)
Coverage:	110 mm
Fixing holes:	Ø 4 mm
BASE	
Material:	UV-treated polycarbonate
PINS	
Material:	Stainless steel
Length:	160 mm
Diameter:	1.3 mm
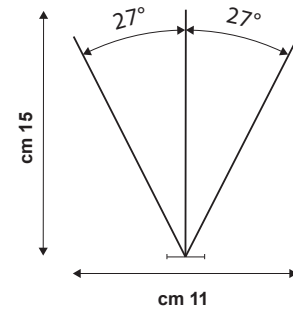
Code:		Pack:	Pallet:
304G		25 m / carton	20 cts / pallet
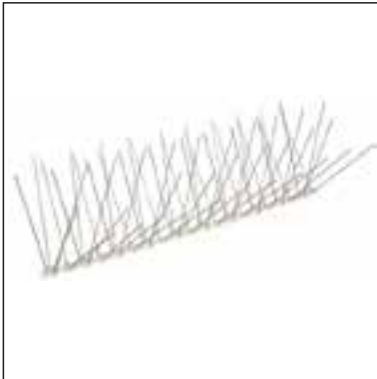
B   BIRD SPIKE FOR SEAGULLS WITH 120 PINS/MT

Special development of the bird spike model 306, this item has been designed to protect surfaces from seagulls' longer legs; pins length has been increased to 160 mm to ensure maximum protection.
Suitable in the presence of **extremely high seagull infestation levels** and with a perching surface of 20/25 cm. It can be fastened using silicone, screws, rivets, etc.
Made from stainless steel wires protruding from a UV stabilised polycarbonate base, this product is designed with long service life in mind.

TECHNICAL DATA

Length:	500 mm
No. of pins:	60 in 500 mm (120 in 1000 mm)
Coverage:	250 mm
Fixing holes:	Ø 4 mm
BASE	
Material:	UV-treated polycarbonate
PINS	
Material:	Stainless steel
Length:	160 mm
Diameter:	1.3 mm

Code:		Pack:	Pallet:
306G		25 m / carton	20 cts / pallet

A · BIRD SPIKE FOR SEAGULLS WITH 80 PINS/MT

Special development of the bird spike model 311, this item has been designed to protect surfaces from seagulls' longer legs; pins length has been increased to 160 mm to ensure maximum protection.
Suitable in the presence of **medium / high seagull infestation level** and with a perching surface of 20/25 cm. It can be fastened using silicone, screws, rivets, etc.
Made from stainless steel wires protruding from a UV stabilised polycarbonate base, this product is designed with long service life in mind.

TECHNICAL DATA
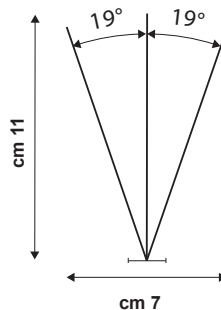Length: 500 mm
No. of pins: 40 in 500 mm (80 in 1000 mm)
Coverage: 230 mm
Fixing holes: Ø 4 mm
BASE
Material: UV-treated polycarbonate
PINS
Material: Stainless steel
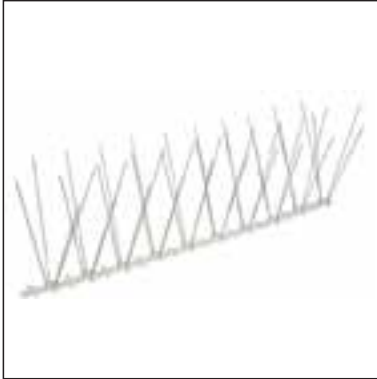Length: 160 mm
Diameter: 1.3 mm

25°   19°   19°   25°

cm 15

cm 23
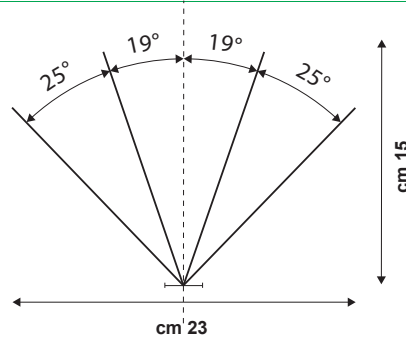
Code:	Pack:	Pallet:
311G	25 m / carton	20 cts / pallet

A POLYCARBONATE BIRD SPIKE WITH 60 PINS / METRE

Versatile bird spike that is quick to install owing to its 500 mm length. It is certainly one of the most effective deterrent methods on the market.

This practical bird spike is designed to ensure maximum coverage and protection in any situation. For use in the presence of **medium bird infestation levels**, it is suitable for all types of surfaces that require wide coverage.It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.

The bird spike does not deform over time since it is entirely made of UV-treated polycarbonate that is corrosion and weather resistant.Harmless to birds.

TECHNICAL DATA

Length:	500 mm
No. of pins:	30 in 500 mm (60 in a metre)
Coverage:	130 mm
Fixing holes:	Ø 4 mm
Material:	UV-treated polycarbonate

PINS

Shape:	Conical
Length:	100 mm
Diameter:	From 5 to 1 mm

20° 15° 15° 20°

cm 11

cm 13
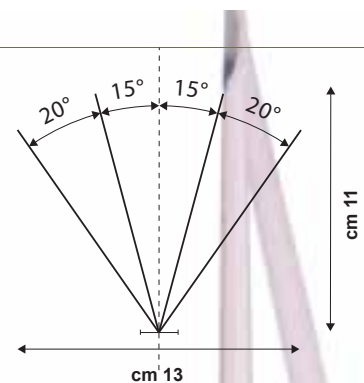
Code:	Pack:	Pallet:
350	50 m / carton	20 cts / pallet

A COPPER BIRD SPIKE 66 PINS / METRE

Bird spike with copper base.For use in the presence of **medium bird infestation levels**, this bird spike is suitable for all types of surfaces.
It is especially recommended for use on prestigious buildings that require a nice visual impact.
It can be fastened using silicone adhesive, self-tapping screws, rivets, anchor screws, etc.
The copper base and phosphor bronze pins provide aesthetically pleasing results.

TECHNICAL DATA
Length: 1000 mm
No. of pins: 66 in a metre
Coverage: 110 mm
Fixing holes: Ø 4,5 mm
BASE
Material: Copper
PINS
Material: Phosphor bronze
Length: 100 mm
Diameter: 1,3 mm
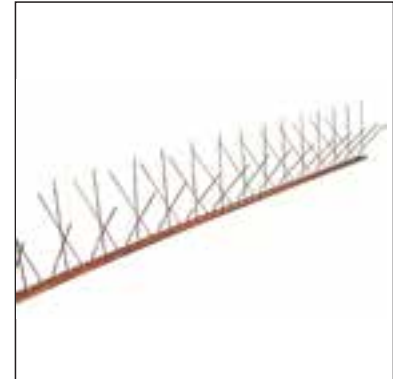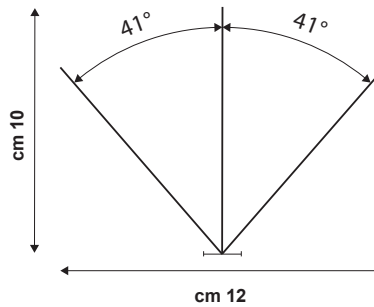
Code:	Pack:	Pallet:
309	50 m / carton	---

B ORNAMENTAL SPIKE 6/10 MM THICKNESS

Available in two different materials (copper and pre-painted sheet iron), this bird deterrent is suitable for use in the presence of medium bird infestation levels.
It is designed to protect the gutters and flashing of roofs.
It is especially recommended for use on prestigious buildings that require a nice visual impact.
It can be fastened using self-tapping screws, rivets, anchor screws, etc.
Fastened in the front.

TECHNICAL DATA
Length: 1000 mm
Thickness: 0.6 mm
No. of pins: 50 in a metre
Length: 60 mm
Distance between pins: 20 mm
Fixing holes: Ø 4 mm
Fixing: Frontal

Code:	Material:	Pack:	Pallet:
601	Copper	50 m / carton	---
611	Pre-painted sheet iron	50 m / carton	---

OTHER MATERIALS

A ORNAMENTAL SPIKE 6/10 MM THICKNESS

Available in two different materials (copper and pre-painted sheet iron), this bird deterrent is suitable for use in the presence of medium bird infestation levels. It is designed to protect the gutters and flashing of roofs. It is especially recommended for use on prestigious buildings that require a nice visual impact. It can be fastened using self-tapping screws, rivets, anchor screws, etc. Fastened from the top.

TECHNICAL DATA

Length:	1000 mm
Thickness:	0.6 mm
No. of pins:	50 in a metre
Length:	60 mm
Distance between pins:	20 mm
Fixing holes:	Ø 4 mm
Fixing:	From the top

Code:	Material:	Pack:	Pallet:
602	Copper	50 m / carton	---
612	Pre-painted sheet iron	50 m / carton	---
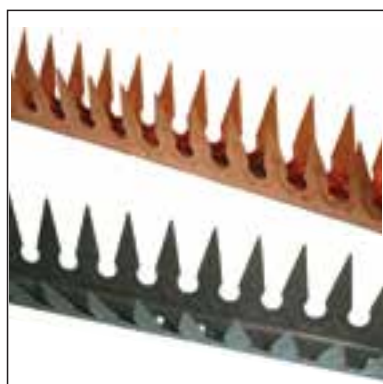
B ORNAMENTAL SPIKE 6/10 MM THICKNESS

Available in two different materials (copper and pre-painted sheet iron), this bird deterrent is suitable for use in the presence of medium bird infestation levels. It is designed to protect the tops of downpipes. It is especially recommended for use on prestigious buildings that require a nice visual impact. It can be fastened using self-tapping screws, rivets, anchor screws, etc.
Fastened from the top.

TECHNICAL DATA

Length:	1000 mm
Thickness:	0.6 mm
No. of pins:	50 + 50 in a metre
Length:	40 mm
Distance between pins:	20 mm
Fixing holes:	Ø 4 mm
Fixing:	From the top

Code:	Material:	Pack:	Pallet:
603	Copper	20 m / carton	---
613	Pre-painted sheet iron	20 m / carton	---

ECO BIRDS

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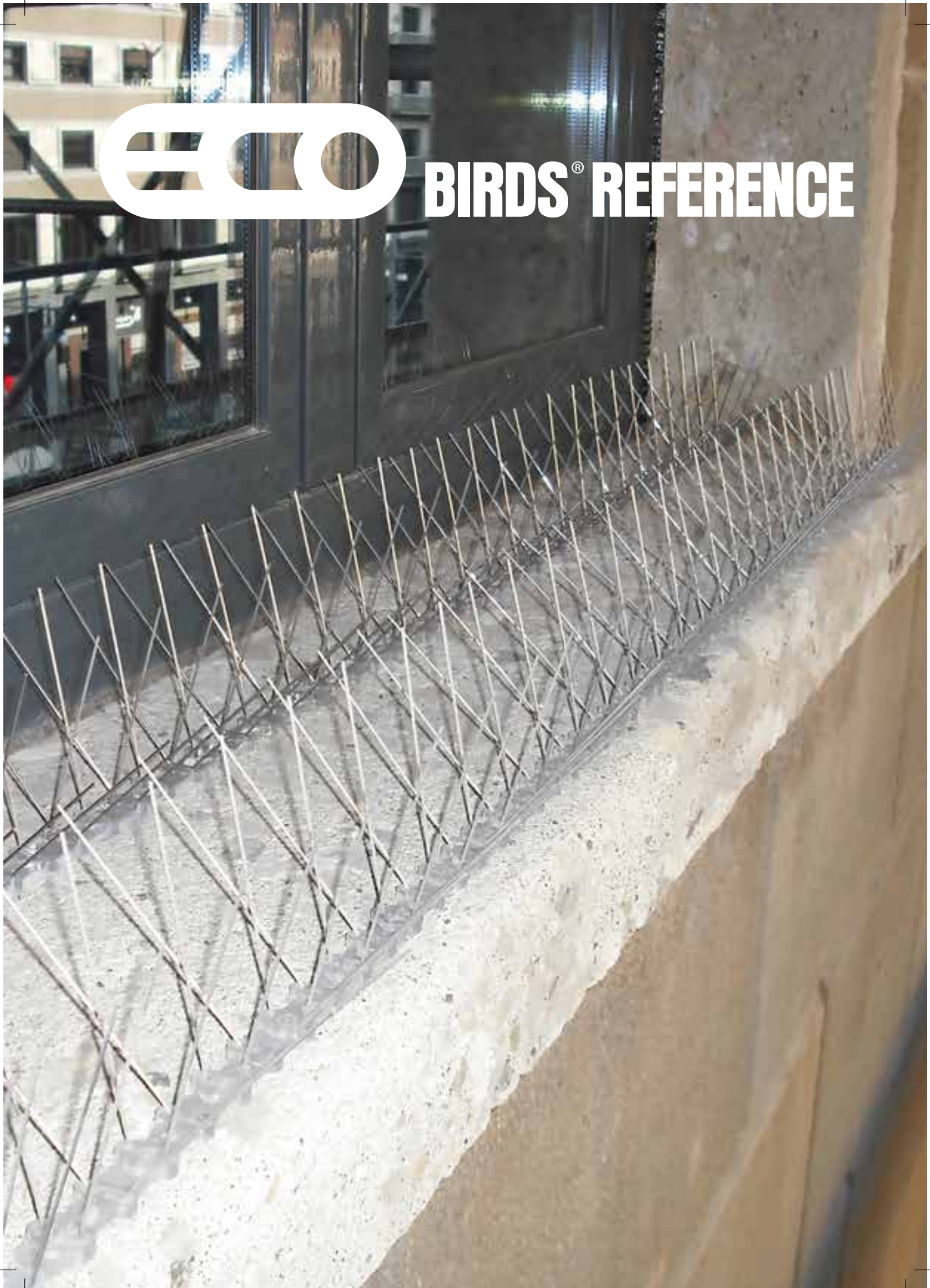
ECO BIRDS® REFERENCE

A STAINLESS STEEL WIRE 0.7 MM

Special stainless steel wire coated with UV-treated nylon. Available in practical plastic spools with 100 metres of wire.

TECHNICAL DATA
Material: Stainless steel + UV-treated sheath
Diameter: 0,7 mm
Load resistance: 22 kg

Code:	Pack:	Carton:
121	100 m / pack	---

B TIN-PLATED BRASS CRIMPS FOR 0.7 MM WIRE

Special crimps made of tin-plated brass, used to secure the stainless steel wire to the split pins or posts.

TECHNICAL DATA
Material: Tin-plated brass
Diameter: 2 mm
Length: 8 mm

Code:	Pack:	Carton:
131	100 pcs / pack	---

C NYLON ANCHOR RIVETS

Special hammer in anchor rivets with dome-shaped cap to prevent rainwater infiltration. Available in two sizes, the anchor rivets provide secure connection to the split pins and posts.

TECHNICAL DATA
Material: Nylon
Diameter: 6,5 mm

Code:	Length:	Pack:	Carton:
141	25 mm	100 pcs / pack	---
142	38 mm	100 pcs / pack	---

D STAINLESS STEEL SPLIT PINS

Standard stainless steel split pins for use as a wall anchorage point for the stainless steel wire. Perfect for mod. 141 and 142 anchor rivets.

TECHNICAL DATA
Material: Stainless steel
Diameter: 4 mm

Code:	Length:	Pack:	Carton:
151	25 mm	100 pcs / pack	---
152	38 mm	100 pcs / pack	---

A STAINLESS STEEL SPRINGS

Stainless steel extension springs specially designed with slightly open eyelet to allow quick connection to the split pin or post.

TECHNICAL DATA
Material: Stainless steel
Diameter: 8 mm

Code:	Length:	Pack:	Carton:
161	37 mm	100 pcs / pack	---
162	20 mm	100 pcs / pack	---

B STAINLESS STEEL POSTS

Stainless steel posts with 4 mm diameter hole/s, used to anchor mod. 121 wire. They can either be fitted into the special nylon base (mod. 185) or inserted directly into nylon anchor rivets.
Available with 1, 2 or 3 holes and different length.

TECHNICAL DATA
Material: Stainless steel AISI 316
Diameter: 4 mm

Code:	Length:	No. of holes:	Pack:	Carton:
169	95 mm	1	100 pcs / pack	---
170	125 mm	1	100 pcs / pack	---
171	115 mm	1	100 pcs / pack	---
172	150 mm	1	100 pcs / pack	---
173	180 mm	1	100 pcs / pack	---
174	130 mm	2	100 pcs / pack	---
175	150 mm	2	100 pcs / pack	---
176	180 mm	3	100 pcs / pack	---

C Y-SHAPED 125 MM STAINLESS STEEL POST

Special stainless steel Y-shaped bird wire post, ideal for use in situations when the number of mod. 185 bases must be optimised.
With a thread on the end, it can also be screwed to a base plate.

TECHNICAL DATA
Material: Stainless steel
Diameter: 3,5 mm
Height: 125 mm
Distance between tips: 70 mm

Code:	Pack:	Carton:
177	10 pcs / pack	---

A — BIRD WIRE POSTS COMPLETE WITH BASE

Stainless steel bird wire posts with special nylon base, for quick fastening using silicone or screws on any surface.

TECHNICAL DATA
Material: Stainless steel AISI 316 + nylon base
Post diameter: 4 mm
Base dimensions: 40 x 40 mm

Code:	Post length:	Pack:	Carton:
181	95 mm	10 pcs / pack	---
182	125 mm	10 pcs / pack	---

B — NYLON BASE FOR BIRD WIRE POSTS

Special nylon bases used to anchor bird wire posts on any surface. Specially designed to provide secure fixing using silicone or screws.

TECHNICAL DATA
Material: Nylon
Base dimensions: 40 x 40 mm

Code:	Pack:	Carton:
185	10 pcs / pack	---

C — STAINLESS STEEL POSTS WITH CLAMP AND HORIZONTAL SCREW

Posts with clamp and screw, used to secure bird wire on the edges of gutters, etc. They have plastic pads to avoid ruining the surfaces on which they are fixed. Maximum width 20 mm.

TECHNICAL DATA
Material: Stainless steel AISI 316
Diameter: 4 mm
No. of holes: 1
Length: 95 mm
Clamp: Suitable for widths from 1 to 20 mm

Code:	Pack:	Carton:
186	10 pcs / pack	---

D — STAINLESS STEEL POSTS WITH CLAMP AND VERTICAL SCREW

Posts with clamp and vertical screw, used to secure bird wire to handrails, parapets or other edges with a maximum width of 20 mm. They have plastic pads to avoid ruining the surfaces on which they are fixed.

TECHNICAL DATA
Material: Stainless steel AISI 316
Diameter: 4 mm
No. of holes: 1
Length: 95 mm
Clamp: Suitable for widths from 1 to 20 mm

Code:	Pack:	Carton:
187	10 pcs / pack	---

A NYLON WALL PLUGS

Used to perfectly anchor screws to masonry walls.

TECHNICAL DATA
Material: Nylon

Code:	Dimensions:	Combine with:	Pack:	Carton
402	20 x ø 4 mm	403	100 pcs / pack	---
406	25 x ø 5 mm	407	100 pcs / pack	---

B STAINLESS STEEL SELF-TAPPING SCREWS

Stainless steel self-tapping screws with cylinder Phillips head.

TECHNICAL DATA
Material: Stainless steel

Code:	Dimensions:	Combine with:	Pack:	Carton:
403	3,0 x 20 mm	402	100 pcs / pack	---
407	3,5 x 25 mm	406	100 pcs / pack	---

C NYLON UV-TREATED CABLE TIES

Special nylon cable ties in black colour, with a highly effective fastening system and resistant to UV rays, oils, fats and solvents in general.

TECHNICAL DATA
Material: Self-extinguishing nylon
Colore: Black

Code:	Dimensions:	Pack:	Carton:
545	200 x 4,5 mm	100 pcs / pack	---
546	280 x 7,5 mm	100 pcs / pack	---
547	360 x 7,5 mm	100 pcs / pack	---

D NEUTRAL ALCOHOLIC TRANSPARENT SILICONE ADHESIVE

Used to fix bird spikes or as an adhesive on any surface.

TECHNICAL DATA
Material: High quality neutral reticulation single-compound
Colour: Transparent
Cartridge content: 310 ml

Code:	Pack:	Carton:
463	1 pc / pack	24 pcs / carton

ECO BIRDS
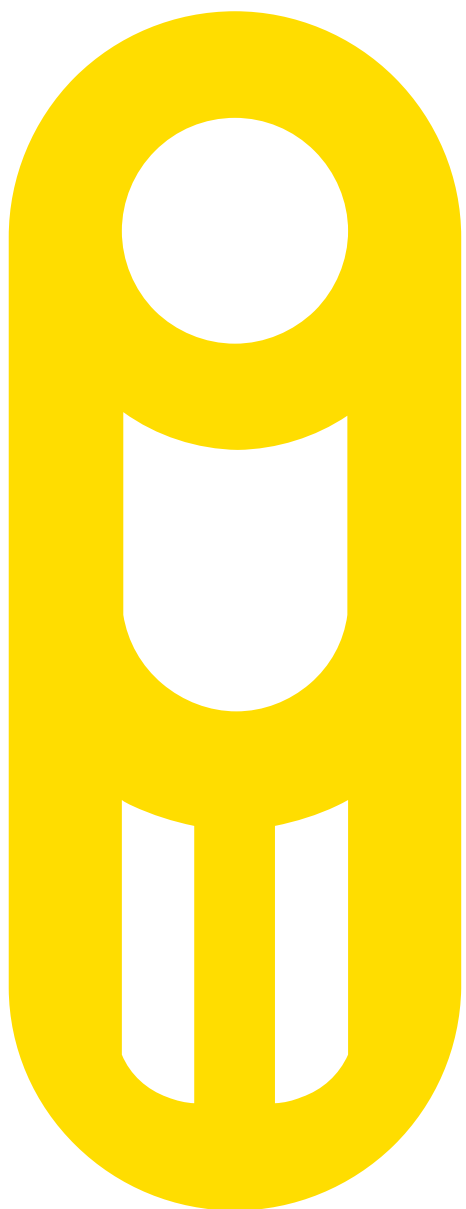
BIRD CONTROL

ECO BIRDS

A ELECTRONIC CONTROL BOX

This new electronic energiser has been designed to power our electric line in an extremely easy way; it is a plug-and-play version that simply needs to be plugged to a power socket to start working. Sturdy and reliable, it has one channel.
It is available in three models, to power lines up to 1500 mt.

TECHNICAL FEATURES (CE NORMS)
Power supply: 220 V
Frequency: 50 Hz
Absorption: 30 - 45 mA
Output voltage: 6.0 - 10.0 KV
Output energy: 0.5 - 1.0 J according to the model
Impulse interval: > 1 second
Operating temperature range: Min. -20°C max +50°C

STRUCTURAL FEATURES
Insulation class: IP54
Fire resistance: Self-extinguishing
Water absorption resistance: 45 mg
Flow passage resistance: 180 KV/cm^2
Shock resistance: 50 kg/cm^2
Temperature resistance: Min. -25°C max +120°C
Dimensions: 170 x 140 x 80 mm

Code:	Electric line:	Pack:	Carton:
205 F	up to 300 mt	1 pc / pack	---
505 F	up to 600 mt	1 pc / pack	---
905 F	up to 1500 mt	1 pc / pack	---

BY POPULAR DEMAND,THE UPDATED ENERGISER OF THE OLD ELECTRONIC SERIES IS BACK !

PLUG AND PLAY,
RELIABLE,
POWERFUL,
UNIQUE

ECO BIRDS®

CENTRALINA ELETTRONICA PER IMPIANTI ANTIVOLATILI
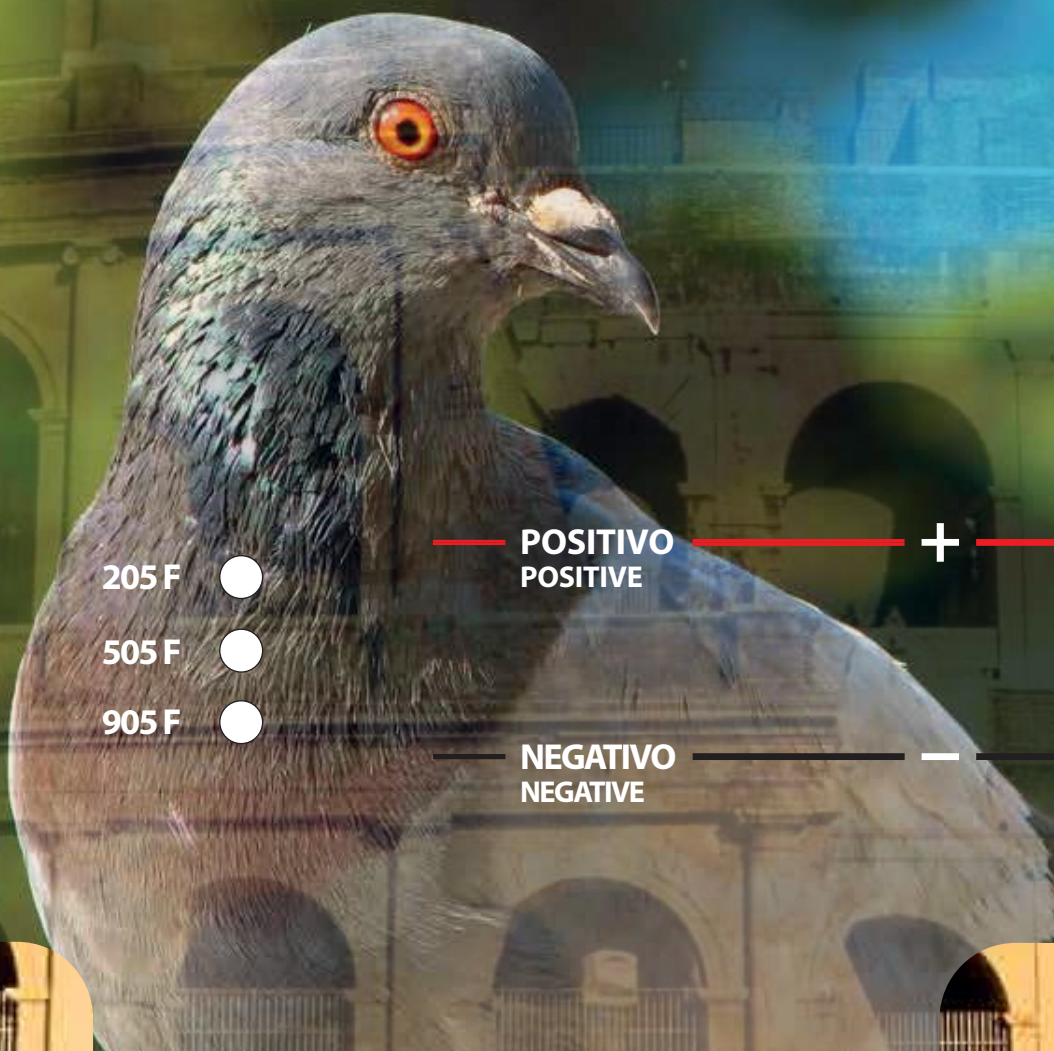
205 F ⬤

505 F ⬤

905 F ⬤

POSITIVO
POSITIVE
+

NEGATIVO
NEGATIVE
−

A DIGITAL CONTROL BOX

The only control box on the market with two separate channels.
The 4th generation ECOBIRDS electronic bird control system features a digital control box with a "user-friendly" interface to set all the function parameters and to monitor the correct functioning of the electric lines.
The total impulse energy can be digitally adjusted from a minimum of 1 J to maximum 5 J.
The time interval between the impulses can also be adjusted so that each system is tailored to real needs.
In the event of a short circuit, the control box signals the problem through a LED positioned on the lid and/or by sending an SMS to the mobile phone of the operator responsible for the system's maintenance (for the optional mod. GSM).

Power supply: 110V or 220V AC 50/60 Hz
Impulse: two separate channels with independent programming
Software-controlled power
Automatic counting of the distance of short circuit from the control box: after setting simple parameters, this function allows you to identify the exact position of the short circuit expressed in metres from the beginning of the line.
Default settings that can be modified to suit personal preferences after entering password
3-digit interface display with 3 buttons
Possibility of customising cover

EC Certificate of Conformity and electromagnetic compatibility provided upon request

DIGITAL PROGRAMMING WITH 3-DIGIT DISPLAY
PASSWORD FOR MODIFICATION OF DEFAULT PARAMETERS

TECHNICAL DATA (EC standards)
Power supply: 110V/220V
Mains frequency: 50 Hz
Absorption: 25-45 mA
Power consumption: 11 VA peak; average 1.5W/h with AC power
Operating voltage: 12 V
Operating output voltage: 4,0 KV – 12 KV
Output energy: 1-5 J
Interval between impulses: 0-100 seconds
Operating temperature: Min. -20°C max +50°C

STRUCTURAL FEATURES
Insulation class: IP55
Fire resistance: Self-extinguishing
Water absorption resistance: 45 mg
Flow passage resistance: 180 KV/cm^2
Shock resistance: 50 kg/cm^2
Temperature resistance: Min. -25°C max +120°C
Dimensions: 170 x 140 x 80 mm

Code:	Electric line:	Battery:	Pack:	Carton:
205	up to 200 m	Optional	1 pc / pack	---
505	up to 500 m	Optional	1 pc / pack	---
905	up to 1000 m	Optional	1 pc / pack	---
205GSM	up to 200 m	Optional	1 pc / pack	---
505GSM	up to 500 m	Optional	1 pc / pack	---
905GSM	up to 1000 m	Optional	1 pc / pack	---

ECO BIRDS® REFERENCE

A COMPLETE ELECTRIC LINE KIT

This kit is specifically designed for 75 metres of electric line and is composed by stainless steel rods, polycarbonate support clamps and stainless steel threaded bushes.

TECHNICAL DATA
One kit includes:
100 pcs of threaded bushes made of stainless steel AISI 304 (mod. 410)
225 pcs of polycarbonate support bases (mod. 420)
150 linear mt of rods made of annealed stainless steel AISI 304 (mod. 430)

Code:	Pack:	Carton:
499	75 m / pack	---

B STAINLESS STEEL THREADED BUSHES FOR 3 MM RODS

For the quick connection of the rods making up the electric line. This through hole threaded bush is a safe and fast way to connect without danger of current leakage.
Specially designed to facilitate installation, the bush is countersunk on one side, which helps insert the rod even in difficult situations.

TECHNICAL DATA
Material: Stainless steel AISI 304
Diameter: 5 mm
Length: 10 mm
Thread pitch: M3

Code:	Pack:	Carton:
410	100 pcs / pack	---

C SUPPORT CLAMPS FOR 3 MM RODS

Supports used to anchor the rods making up the electric line. Suitable for all surfaces, these clamps are to be used for 3 mm diameter rods and can be fastened with rivets, screws and silicone. They feature two posts at different heights, so that the rods can be quickly installed using simple finger pressure. Use one every 30-35 cm.

TECHNICAL DATA
Material: High quality UV-protected polycarbonate
Height of posts: 25 mm / 10 mm
Base dimensions: 25 x 20 mm
Slot: 11 x 4 mm

Code:	Pack:	Carton:
420	225 pcs / pack	---

NEW

D READY-TO-USE BARS WITH POLYCARBONATE SUPPORTS

These special long-lasting aluminium bars are already prepared with one riveted polycarbonate base mod 420 every 30 cm. Available in practical 6 mt rolls, mod 498 is a very useful solution for areas where frequent drilling is not allowed nor possible, such as: roof with tiles and pantiles, narrow roof ridges, eaves and ledges made of porous or pierced materials, etc.

TECHNICAL DATA
Material: Aluminium
Bar dimensions: 6000 x 25 x 2 mm
Number of bases: 20

Code:	Pack:	Carton:
498	6 m / pack	---

A THREADED RODS FOR ELECTRIC LINE

Annealed stainless steel - Threaded on the ends
Rod for electric line, threaded on the ends so that each can be connected to another with the threaded bushes. Together with the special support clamps, this system reduces installation time by approx. 30-40% compared with other methods available on the market.
The rod is made of annealed stainless steel so that it is easier to make curves.

TECHNICAL DATA
Length: 1500 mm
Diameter: 3 mm
Thread pitch: M3
Thread length: 5 mm

Code:	Material:	Pack:	Tube:
430	Annealed stainless steel AISI 304	150 m / pack	100 pcs
431	Annealed stainless steel AISI 316	150 m / pack	100 pcs

B THREADED RODS FOR BRANCHES

Special rods threaded on the ends, used for branches, connections, etc.
On one end of the rod, the thread is 5 mm long just like the 150 cm rods of the electric line, while the thread on the other end is 10 mm long for multiple connections requiring more than one cable terminal.

TECHNICAL DATA
Material: Annealed stainless steel AISI 304
Length: 200 mm
Diameter: 3 mm
Thread pitch: M3
Thread length: 5 mm - 10 mm

Code:	Pack:	Carton:
440	10 pcs / pack	---
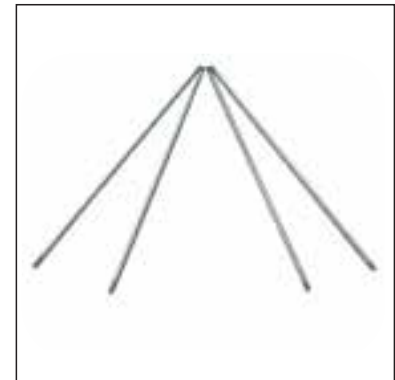
C STAINLESS STEEL SPRINGS

Stainless steel springs for the connection of the electric line 3 mm rods.

TECHNICAL DATA
Material: Stainless steel AISI 304
Length: 35 mm
Wire diameter: 0.8 mm
Spring outer diameter: 4.5 mm
Spring inner diameter: 2.9 mm
Number of coils: 28

Code:	Pack:	Carton:
412	100 pcs / pack	---

NEW

D STAINLESS STEEL 3 MM BRANCH RINGS

Used to create branches of the electric line during installation.
Branch rings allow installers to create numerous branches, even in narrow places.

TECHNICAL DATA
Material: Stainless steel AISI 316
Inner diameter: 6 mm
Length: 9 mm
Fastening: 1 stainless steel M4 Allen screw

Code:	Pack:	Carton:
413	50 pcs / pack	---

ECO BIRDS

BIRD CONTROL
ELECTRIC LINE
LINE COMPONENTS

A CABLE EYE TERMINALS

Used to connect the high voltage cable to the rod.

TECHNICAL DATA
Material: Tin-plated copper
Length: 9 mm
Eyelet diameter: 3,2 mm

Code:	Pack:	Carton:
414	100 pcs / pack	---

B HEAT-SHRINK SHEATH

Used to protect mod. 414 cable eye terminals against weather conditions and UV rays.

TECHNICAL DATA
Length: 1220 mm

Code:	Diameter:	Pack	Carton
415	6 mm	6 pcs / pack	---
415B	9 mm	6 pcs / pack	---

C STAINLESS STEEL THREADED NUTS

Used to connect the cable terminals mod 414 to the rods.

TECHNICAL DATA
Material: Stainless steel
Thread pitch: M3

Code:	Pack:	Carton:
416	100 pcs / pack	---

D HIGH VOLTAGE CABLE

Dual polarised high voltage cable, light grey in colour, with the positive wire striped dark grey.

TECHNICAL DATA
Material: Twisted and insulated pure copper conductor.
                Polythene insulation 7/0. 3 mm (0.5mm2).
Colour: Light grey
Operating temp.: Max 70° C
Operating voltage: Max 25 KV

Code:	Pack:	Carton:
480	50 m / pack	---

ECO BIRDS

A CABLE FASTENERS

Specially designed to anchor mod. 480 high voltage cable.

TECHNICAL DATA
Material: UV-protected polycarbonate
Hole size: 4 mm
Length: 24 mm
Width: 10 mm

Code:	Pack:	Carton:
481	100 pcs / pack	---

B MAMMOTH CLAMPS FOR 3 MM RODS

Mammoth clamp for the connection of non-threaded rods of the electric line.

TECHNICAL DATA
Material: Tin-plated brass
Dimensions: 14 x 5 mm
Inner diameter: 3,2 mm
Fastening: 2 stainless steel M3 Allen screws

Code:	Pack:	Carton:
490	100 pcs / pack	---

C DANGER SIGNS

Used to indicate the presence of a high voltage electric line.

TECHNICAL DATA
Material: PVC
Dimensions: 80 x 55 mm

Code:	Language:	Pack:	Carton:
425	Italian	20 pcs / pack	---
426	English	20 pcs / pack	---
427	French	20 pcs / pack	---
428	Spanish	20 pcs / pack	---

A STAINLESS STEEL WIRE IN 1.3 MM RODS

Stainless steel wire with 1.3 mm diameter, suitable for the protection of statues, column capitals, ornaments, etc.. Available in practical 1.5 metre rods.

TECHNICAL DATA
Material: Stainless steel AISI 304
Length: 1500 mm
Diameter: 1,3 mm

Code:	Pack:	Tube:
451	300 m / pack	200 pcs

B MICRO MAMMOTH CLAMPS FOR 1.3 MM WIRE

Micro-sized mammoth clamp for the proper connection of the steel wire rods. Also used to create branches in mini electric line.

TECHNICAL DATA
Material: Nickel-plated brass
Dimensions: 10 x 4,5 mm
Inner diameter: 3,0 mm
Fastening: 2 stainless steel M3 Allen screws

Code:	Pack:	Carton:
452	100 pcs / pack	---

C PIN TERMINALS FOR MINI LINE

Pre-insulated push-rod terminal for the connection of the high voltage cable to the wire of the electric line MINI. To use with mod. 452 mammoth clamp.

TECHNICAL DATA
Material: Tin-plated copper
Length: 10 mm
Pin diameter: 1,8 mm

Code:	Pack:	Carton:
454	100 pcs / pack	---

D SUPPORT CLAMPS FOR 1.3 MM WIRE

Support clamp for electric line. It is designed to be fixed to any surface with anchor screws, silicone, rivets, etc. Can be used only with 1.3 mm diameter wire (mod 451).

TECHNICAL DATA
Material: High quality UV-protected polycarbonate
Height of posts: 15,8 mm
Base dimensions: 20 x 23 mm
Slot: 11 x 3 mm

Code:	Pack:	Carton:
456	225 pcs / pack	---

ECO BIRDS

A NYLON WALL PLUGS

Used to perfectly anchor screws to masonry walls.

TECHNICAL DATA
Material: Nylon

Code:	Dimensions:	Combine with:	Pack:	Carton:
402	20 x ø 4 mm	403	100 pcs / pack	---
406	25 x ø 5 mm	407	100 pcs / pack	---

B SELF-TAPPING SCREWS

Stainless steel self-tapping screws with cylinder Phillips head.

TECHNICAL DATA
Material: Stainless steel

Code:	Dimensions:	Combine with:	Pack:	Carton:
403	3,0 x 20 mm	402	100 pcs / pack	---
407	3,5 x 25 mm	406	100 pcs / pack	---

C NYLON UV-TREATED CABLE TIES

Special nylon cable ties, with a highly effective fastening system and resistant to UV rays, oils, fats and solvents in general.

TECHNICAL DATA
Material: Self-extinguishing nylon
Colour: Black

Code:	Dimensions:	Pack:	Carton:
545	200 x 4,5 mm	100 pcs / pack	---
546	280 x 7,5 mm	100 pcs / pack	---
547	360 x 7,5 mm	100 pcs / pack	---

D NEUTRAL ALCOHOLIC TRANSPARENT SILICONE ADHESIVE

Rapid silicone with neutral reticulation, transparent in colour, anti-UV, anti-mildew, for use on any surface. Suitable for outdoor use.
Used to fix the support clamps of the electric line or as an adhesive on any surface.

TECHNICAL DATA
Material: High quality neutral reticulation single-compound
Colour: Transparent
Cartridge content: 310 ml

Code:	Pack:	Carton:
463	1 pc / pack	24 pcs / carton

ECO BIRDS

35

THE POWER BOX

The very first step is to find out the best place where to install the power box. Its IP protection degree is 55; so it can be located also outdoor. However, we suggest, where possible, to install the power box in a sheltered and easy to reach spot, possibly close to the beginning of the electric line. The most common spot is right under the roof, close to the TV aerials, so it is possible to use the same electricity plug; as an alternative, the power box is frequently positioned close to instrument panels such as phone, electricity, etc. Try to keep them away from kids and sensitive areas. The final test and checking of all the power box parameters will be done once the whole line will be installed. The power boxes need a password to have access to the programme area. Give it only to qualified personnel; do not write it on the instruction manual you leave to your customer; remember that any modification of the parameters made by non professional personnel could damage the power box and cause malfunctioning of the line.

THE CABLE

Once the power box is positioned, connect the high tension cable Mod. 480 following the instructions that are attached to any power box.
Unroll the cable form the power box up to the beginning of the line; we recommend to fix the cable by means of the polycarbonate supports Mod. 481.

CONNECTION CABLE/RODS

Peel the cable by means of the cable stripper Mod. 482; crimp one cable terminal Mod 414 to each pole, then cover it with the UV-treated heat shrinking sheathings Mod. 415-415B.
Connect the positive pole to the rod inserted in the upper part of the polycarbonate support Mod.420 by means of two stainless steel nuts Mod. 416, following the sequence rod, nut, cable terminal, nut.
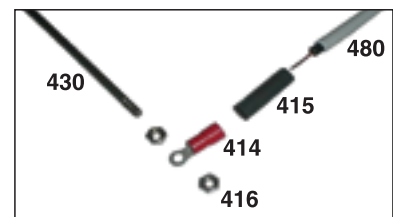
POLYCARBONATE SUPPORT BASES

Position one base Mod. 420 every 33 cm in case of pigeons and one every 25 cm in presence of seagulls. Remember to install the lower part of the base outwards, facing the direction where birds come from.

ECO BIRDS

STAINLESS STEEL RODS

Once the bases have been fixed to the surface, then simply press with fingers the rods into the posts, starting from those connected to the high tension cable.

WARNING: the positive pole will ALWAYS be positioned in the upper part and the negative one in the lower part. It is recommended to avoid the contact between the negative rod and the surface of the building; however, even in case of accidental contact, the line will not be damaged.

The rods will be connected to each other by means of the stainless steel threaded bushes Mod.410.

This special device has been specifically designed to make the connection easier and faster; on one side, the hole is cone shaped in order to help the insertion of the next rod. It is recommended to insert all the bushes on the rods when they are still inside the packaging tube, leaving the cone-shaped side outwards. This will help you to save time. In some circumstances, it could be necessary to connect two rods without thread. In these cases, use the special mammoths Mod.490.

LINE DERIVATIONS

In some situations, such as lines on different levels, it could be necessary to make derivations to the main line. The ring shunts Mod. 413 are specifically meant for this purpose and, thanks to their stainless steel grain, guarantees a sure fastening and contact between the rods. Bend the new rods at 90° degrees and connect them to the main line with Mod. 413.

The derivation line can run parallel to the main one in case of wide surfaces or point up to a second level, both directly or by means of a High Tension cable connected to the rods as previously described.
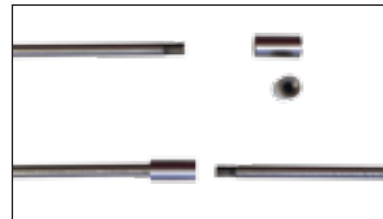
In case of multiple cable derivations, it is recommended to use the special rods mod 440, with longer threads.

WARNING: make sure that, when the rods cross each other at derivations, the distance between them is sufficient to avoid an accidental short circuit.

DANGER SIGNS

It is recommended to put some danger signs along the line for signalling its presence. They are available in Italian, English, French and Spanish. They are not required by law in Italy, yet they represent a useful device to avoid accidental contact with the electric line.

IMPORTANT: the tension on the line has high voltage but VERY LOW AMPERAGE; so it is not dangerous for human beings, animals, etc. However, in case of accidental contact, the person maintaining roof, gutters, etc. could get scared and fall from the stairs.

THE FINAL CHECK

The final test should be made by a qualified technician.

All the passages and single components of the line must be checked. The power box must be positioned in a proper place (see previous paragraph) and must produce current continuously, with no interruptions; no short circuit signal must be on. In case the default parameters of the power box have been changed, then a check must be done on its programming. Check that the whole line is properly and safely fixed to the area to be protected by means of weather resistant accessories. Check all the connections and derivations, so that no tension dispersion can occur on the line. Verify that there is a minimum acceptable distance between the positive pole and the protected building. Check all the High Voltage cable connections and the cable/rods connections; they must be done according to the instructions in the previous paragraph. Check the tension on the line; it should approximately correspond to what programmed on the power box. Do not forget that tension dispersion can occur and vary according to the length of the line, the weather conditions (humidity, etc) and the number of connections and derivations. Once you checked all the above-mentioned parameters, then you can declare that the system is conform. The guarantee will start from the date of this official final check.

ECO BIRDS

37
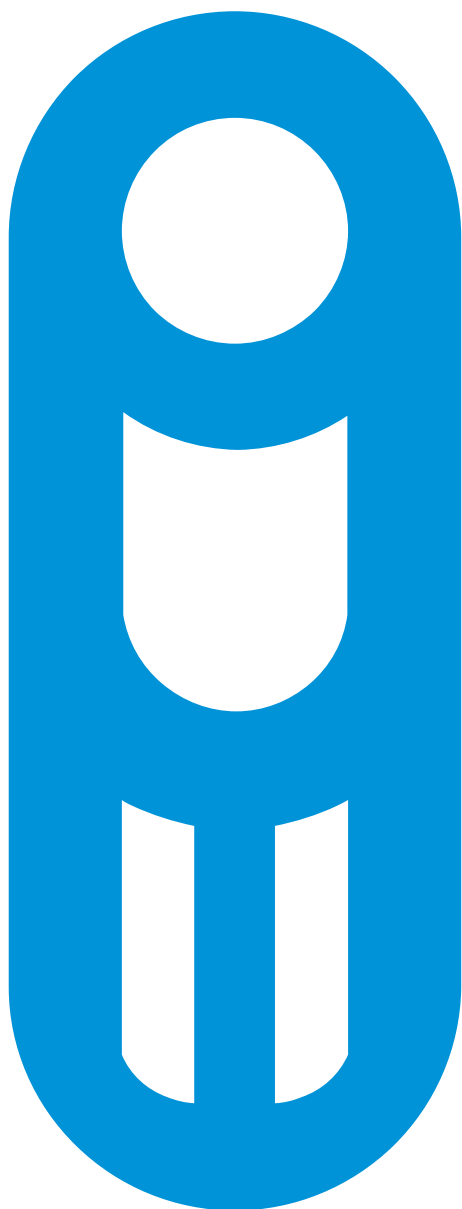
BIRD CONTROL
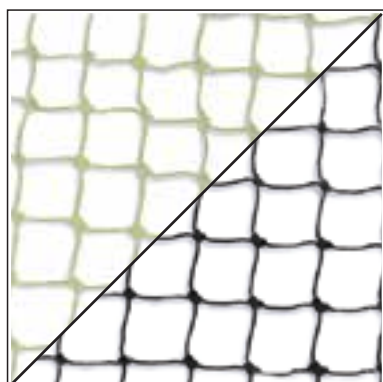
A | 19 MM MESH NET

Knotted anti-intrusion net made of UV-treated polyethylene, with 19 mm mesh suitable for protection against sparrows. Its special stranded threads (12/6) ensure excellent resistance to tensile stress. The net is easy to install and is particularly recommended to close windows, openings, etc., creating a safe barrier from the intrusion of sparrows.
Available in two colours - stone and black - and in various sizes to facilitate the installer's work.

TECHNICAL DATA
Material: UV-treated polyethylene
Kind: Twisted twine 6 strands thick (12/6)
Mesh size: 19 mm

Code:	Colour:	Dimensions:	Pack:	Pallet:
3341	**Stone**	5 x 5 m	25 m^2	---
3345	**Stone**	10 x 10 m	100 m^2	---
3348	**Stone**	15 x 15 m	225 m^2	---
3351	**Stone**	20 x 20 m	400 m^2	---
3358SM	**Stone**	Cut to size	---	---
3358SMEX*	**Stone**	Cut to size out of standard > 20 m	---	---
4441	**Black**	5 x 5 m	25 m^2	---
4445	**Black**	10 x 10 m	100 m^2	---
4448	**Black**	15 x 15 m	225 m^2	---
4451	**Black**	20 x 20 m	400 m^2	---
4458SM	**Black**	Cut to size	---	---
4458SMEX*	**Black**	Cut to size out of standard > 20 m	---	---

B | 28 MM MESH NET

Knotted anti-intrusion net made of UV-treated polyethylene, with 28 mm mesh suitable for protection against starlings. Its special stranded threads (12/6) ensure excellent resistance to tensile stress. The net is easy to install and is particularly recommended to close windows, openings, etc., creating a safe barrier from the intrusion of starlings.
Available in two colours - stone and black - and in various sizes to facilitate the installer's work.

TECHNICAL DATA
Material: UV-treated polyethylene
Kind: Twisted twine 6 strands thick (12/6)
Mesh size: 28 mm

Code:	Colour:	Dimensions:	Pack :	Pallet:
5541	**Stone**	5 x 5 m	25 m^2	---
5545	**Stone**	10 x 10 m	100 m^2	---
5548	**Stone**	15 x 15 m	225 m^2	---
5551	**Stone**	20 x 20 m	400 m^2	---
5558SM	**Stone**	Cut to size	---	---
5558SMEX*	**Stone**	Cut to size out of standard > 20 m	---	---
6641	**Black**	5 x 5 m	25 m^2	---
6645	**Black**	10 x 10 m	100 m^2	---
6648	**Black**	15 x 15 m	225 m^2	---
6651	**Black**	20 x 20 m	400 m^2	---
6658SM	**Black**	Cut to size	---	---
6658SMEX*	**Black**	Cut to size out of standard > 20 m	---	---

* Cut to size with one side larger than 20 m are out of standard

ECO BIRDS

A   50 MM MESH NET

Knotted anti-intrusion net made of UV-treated polyethylene, with 50 mm x 50 mm mesh, suitable for protection against pigeons. Its special stranded threads (12/6) ensure excellent resistance to tensile str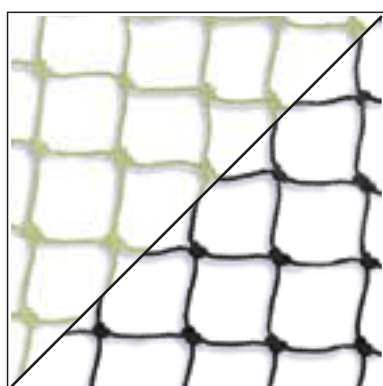ess. The net is easy to install and is particularly recommended to close windows, openings, etc., creating a safe and practically invisible barrier from the intrusion of pigeons.
Available in two colours - stone and black - and in various sizes to facilitate the installer's work.
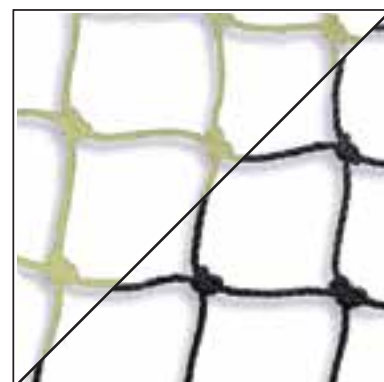
TECHNICAL DATA
Material: UV-treated polyethylene
Kind: Twisted twine 6 strands thick (12/6)
Mesh size: 50 mm

STONE				
Code:	**Colour:**	**Dimensions:**	**Pack:**	**Pallet:**
7741	**Stone**	5 x 5 m	25 m^2	---
7742	**Stone**	5 x 10 m	50 m^2	---
7743	**Stone**	5 x 15 m	75 m^2	---
7744	**Stone**	5 x 20 m	100 m^2	---
7745	**Stone**	10 x 10 m	100 m^2	---
7746	**Stone**	10 x 15 m	150 m^2	---
7747	**Stone**	10 x 20 m	200 m^2	---
7748	**Stone**	15 x 15 m	225 m^2	---
7749	**Stone**	15 x 20 m	300 m^2	---
7750	**Stone**	15 x 25 m	375 m^2	---
7751	**Stone**	20 x 20 m	400 m^2	---
7752	**Stone**	20 x 25 m	500 m^2	---
7753	**Stone**	25 x 30 m	750 m^2	---
7754	**Stone**	30 x 30 m	900 m^2	---
7755	**Stone**	25 x 25 m	625 m^2	---
7756	**Stone**	20 x 30 m	600 m^2	---
7758SM	**Stone**	Cut to size	---	---
7758SMEX*	**Stone**	Cut to size out of standard > 30 m	---	---

BLACK				
Code:	**Colour:**	**Dimensions:**	**Pack:**	**Pallet:**
8841	**Black**	5 x 5 m	25 m^2	---
8842	**Black**	5 x 10 m	50 m^2	---
8843	**Black**	5 x 15 m	75 m^2	---
8844	**Black**	5 x 20 m	100 m^2	---
8845	**Black**	10 x 10 m	100 m^2	---
8846	**Black**	10 x 15 m	150 m^2	---
8847	**Black**	10 x 20 m	200 m^2	---
8848	**Black**	15 x 15 m	225 m^2	---
8849	**Black**	15 x 20 m	300 m^2	---
8850	**Black**	15 x 25 m	375 m^2	---
8851	**Black**	20 x 20 m	400 m^2	---
8852	**Black**	20 x 25 m	500 m^2	---
8853	**Black**	25 x 30 m	750 m^2	---
8854	**Black**	30 x 30 m	900 m^2	---
8855	**Black**	25 x 25 m	625 m^2	---
8856	**Black**	20 x 30 m	600 m^2	---
8858SM	**Black**	Cut to size	---	---
8858SMEX*	**Black**	Cut to size out of standard > 30 m	---	---

* Cut to size with one side larger than 30 m are out of standard

ECO BIRDS

BIRD CONTROL

ANTI-INTRUSION SYSTEMS

POLYETHYLENE NETS

TECHNICAL DATA SHEET 50 MM NET

PIGEON CONTROL NET 12/6 UV-TREATED POLYETHYLENE
Mesh size:	50 mm
Weight:	21,4 g/mq
Colour:	Black/stone
Knot breaking strength:	> 10 kg
Tensile breaking strength:	> 15%
Maximum working temperature:	85°C
UV protection:	2% 540 kLy
Fire protection:	5% GP flame retardant UNI 9174 (class 1 ITA)
Maximum breaking load:	40 kg/mq

CORD 12/6 UV-TREATED POLYETHYLENE
Material:	High density polyethylene HDPE + 2% UV + 5% GP
Length/weight ratio:	2283 m/kg
Weight per m^2:	22 g
Twists:	190 twists/m ±10%
Diameter:	1 mm ±8%
Breaking strength:	> 12 kg
Elongation:	> 150%
Tenacity:	> 3 g/den

NYLON NETS

A 50 MM TRANSPARENT KNOTTED NET

Knotted anti-intrusion net made of nylon, with 50 mm x 50 mm mesh. The net is easy to install and particularly recommended to close windows, openings, etc., creating a practically invisible barrier from the intrusion of pigeons.
Available in 10 x 10 metre pieces (100 m^2).

TECHNICAL DATA
Material:	Nylon
Colour:	Transparent
Mesh:	50 mm
Dimensions:	10 x 10 m

Code:	Pack:	Carton:
8945	100 m^2	---

A COPPER EXPANDED NET

Diamond anti-intrusion net made from copper expanded mesh, this net has a pleasant visual impact. Particularly suitable for the protection of chimneys, small openings, etc. Available only in 1x10 metre rolls.

TECHNICAL DATA
Material: Copper
Thickness: 1 mm
Mesh: 14 mm diamond shaped
Dimensions: 1 x 10 m

Code:	Pack:	Carton:
9771	10 m²	---

B STAINLESS STEEL EXPANDED NET

Diamond anti-intrusion net made from stainless steel expanded mesh. It has the same characteristics as the copper expanded net, but it is harder owing to the quality of stainless steel.

TECHNICAL DATA
Material: Stainless steel
Thickness: 1 mm
Mesh: 14 mm diamond shaped
Dimensions: 1 x 10 m

Code:	Pack:	Carton:
9772	10 m²	---
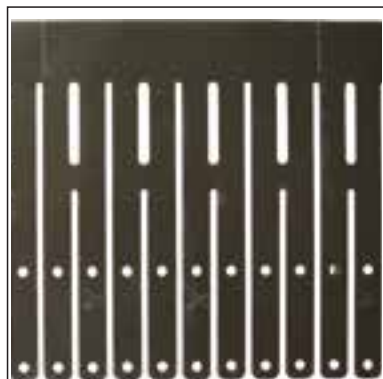
A BUDDYSUN – BIRD BARRIER FOR SOLAR PANELS

BUDDYSUN is the innovative Ecobirds patent, specifically designed to protect the area between the roof and the solar panels installed on top of it. It prevents birds from accessing and building nests under the panels. It has a special shape that easily adapts to the different undulations of roofs.
It can be easily fastened to the panel with no need of drilling and no use of rivets and screws. The new 3.0 version has been developed to make the installation even faster than before, thanks to the new BUDDYTAPE (code 805). This high-performance double-sided tape has a strong resistance to all weather conditions, from extremely hot to frost.

Each pack includes: 25 mt of BuddySun + 25 mt of BuddyTape

BUDDYSUN TECHNICAL DATA
Material: Aluminium
Dimensions: 1008 x 220 mm
Colour: Dark brown

BUDDYTAPE TECHNICAL DATA
Material: Double-sided acrylic foam
Dimensions: 1250 x 25 x 2 mm
Colour: Charcoal grey

Code:	Pack:	Pallet:
800	25 mt / pack	---

B COPPER BIRD BARRIER FOR PANTILES

Ornamental copper bird deterrents designed to protect roofs. Placed at the entrance of pantiles, they prevent birds from accessing and building nests under the roof.
These bird deterrents offer aesthetically pleasing solutions.
They can be fastened using self-drilling screws, self-tapping screws, etc. or simply inserted under the pantiles. They can also be used to secure the pantiles of some roofs.

TECHNICAL DATA
Material: Copper
Dimensions: 150 x 85 x h 107 mm

Code:	Width:	Pack:	Carton:
810	0,4 mm	100 pcs / pack	---
811	0,8 mm	50 pcs / pack	---

ECO BIRDS

A BIRD BARRIER IN SHEET IRON FOR PANTILES

Ornamental bird deterrents in dark brown prepainted sheet iron designed to protect roofs. Placed at the entrance of pantiles, they prevent birds from accessing and building nests under the roof. These bird deterrents offer aesthetically pleasing solutions.
They can be fastened using self-drilling screws, self-tapping screws, etc. or simply inserted under the pantiles. They can also be used to secure the pantiles of some roofs.

TECHNICAL DATA
Material: Dark brown prepainted sheet iron
Dimensions: 150 x 85 x h 107 mm

Code:	Width:	Pack:	Carton:
812	0,4 mm	100 pcs / pack	---
813	0,8 mm	50 pcs / pack	---

B COPPER BIRD BARRIER FOR TILES

Ornamental copper bird deterrents designed to protect roofs. Placed at the edge of the first tiles, they prevent birds from accessing and building nests under the roof.
These bird deterrents offer aesthetically pleasing solutions.
They can be fastened using self-drilling screws, self-tapping screws, etc. or simply inserted under the tiles. They can also be used to secure the tiles of some roofs.

TECHNICAL DATA
Material: Copper
Dimensions: 150 x 85 x h 92 mm

Code:	Width:	Pack:	Carton
814	0,4 mm	100 pcs / pack	---
815	0,8 mm	50 pcs / pack	---

C BIRD BARRIER IN SHEET IRON FOR TILES

Ornamental sheet iron bird deterrents designed to protect roofs. Placed at the entrance of the first tiles, they prevent birds from accessing and building nests under the roof.
These bird deterrents offer aesthetically pleasing solutions.
They can be fastened using self-drilling screws, self-tapping screws, etc. or simply inserted under the tiles. They can also be used to secure the tiles of some roofs.

TECHNICAL DATA
Material: Dark brown prepainted sheet iron
Dimensions: 150 x 85 x h 92 mm

Code:	Width:	Pack:	Carton
816	0,4 mm	100 pcs / pack	---
817	0,8 mm	50 pcs / pack	---

D PLASTIC BIRD BARRIER FOR ROOFS

Bird deterrents made of polypropylene, designed to protect roofs. Placed at the entrance of the first tiles/pantiles, they prevent birds from accessing and building nests under the roof.
They can be fastened using self-drilling screws, self-tapping screws, etc. or simply inserted under the tiles/pantiles.

TECHNICAL DATA
Material: UV-treated polypropylene
Width: 2 mm
Dimensions: 142 x 95 x h 95 mm
Colour: Reddish brown

Code:	Pack:	Carton:
818	100 pcs / pack	---

ECO BIRDS

A HOG RINGS TO FASTEN NET/WIRE

Hog rings used to fasten the meshes of the net to the steel wire.
Specially designed to offer excellent anchorage, they are also particularly economical since they speed up installation time used with the special stapler (mod 40).

Code:	Material:	Pack:	Carton:
41	Stainless steel	2500 pcs / pack	50000 pcs / ct
42	Galvanised steel	2500 pcs / pack	50000 pcs / ct
43	Aluminium	2500 pcs / pack	50000 pcs / ct

B STAINLESS STEEL 1 MM WIRE

Fastened on strong points with eye bolt anchors, it creates a perimeter along which the net is anchored to by means of hog rings. Ideal for closure of windows, small openings, etc.
49 strands (7 x 7)

TECHNICAL DATA
Material: Stainless steel
Diameter: 1 mm

Code:	Pack:	Carton:
71	200 m / pack	---

C 2 MM WIRE

Fastened on strong points with eye bolt anchors, it creates a perimeter along which the net is anchored to by means of hog rings.
Ideal for closure of windows, small openings, etc.
49 strands (7 x 7)

TECHNICAL DATA
Diameter: 2 mm

Code:	Material:	Pack:	Carton:
73	Stainless steel	100 m / pack	---
77	Galvanised steel	100 m / pack	---

D ALUMINIUM FERRULES FOR 2 MM WIRE

Ferrules used to crimp wire ends.
Specially designed to fasten looped 2 mm wire ends, the ferrules provide quick anchorage and very little visual impact.
The use of a special crimping tool - such as mod. 60 or mod. 60C - is required to compress the ferrules properly.

TECHNICAL DATA
Material: Aluminium
Diameter: 2,5 mm
Length: 8 mm

Code:	Pack:	Carton:
11	100 pcs / pack	---

TECHNICAL COMPONENTS

A COPPER FERRULES FOR 0.9 MM WIRE

Ferrules used to crimp wire ends. Specially designed to loop and fasten 0.9 mm wire, the ferrules provide quick anchorage and very little visual impact.
The use of a special crimping tool - such as mod. 60B - is required to compress the ferrules properly.

TECHNICAL DATA
Material: Copper
Diameter: 1 mm
Length: 5 mm

Code:	Pack:	Carton:
12	100 pcs / pack	---

B COPPER FERRULES FOR 2 MM WIRE

Ferrules used to crimp wire ends. Specially designed to fasten looped 2 mm wire ends, the ferrules provide quick anchorage and very little visual impact.
The use of a special crimping tool - such as mod. 60 or mod. 60C - is required to compress the ferrules properly.

TECHNICAL DATA
Material: Copper
Diameter: 2,5 mm
Length: 8 mm

Code:	Pack:	Carton:
13	100 pcs / pack	---

C 2 MM WIRE CLIPS

Stainless steel wire clips for 2 mm diameter wire to be used as an alternative to mod. 11-13 ferrules. Though they are more noticeable compared to the ferrules, they offer secure fastening for long lengths of wire.

TECHNICAL DATA
Diameter: 3 mm

Code:	Material:	Pack:	Carton:
21	Stainless steel	10 pcs / pack	---
22	Galvanized steel	10 pcs / pack	---

D STAINLESS STEEL EYE AND HOOK TURNBUCKLE

Stainless steel turnbuckle used to adjust the tension of the steel wire.

TECHNICAL DATA
Material: Stainless steel

Code:	Diameter:	Max expan. length:	Pack:	Carton:
31	M4	40 mm	5 pcs / pack	---
32	M5	55 mm	5 pcs / pack	---
33	M6	67 mm	5 pcs / pack	---

A GALVANISED STEEL EYE AND HOOK TURNBUCKLE

Galvanised steel turnbuckle used to adjust the tension of the steel wire.

TECHNICAL DATA
Material: Galvanised steel

Code:	Diameter:	Max expan. length:	Pack:	Carton:
35	M5	30 mm	10 pcs / pack	---
36	M6	55 mm	10 pcs / pack	---

B NET INSPECTION ZIPPER

Fabric zipper with plastic slider, used to open and close net inspection points. Zippers can be used on any type of bird net (pigeons, starlings, sparrows). The zipper is fastened to the net with the hog rings normally used to secure the net to the steel wire. It is not advisable to use aluminium hog rings, which are not strong enough to perforate the zipper's cloth.Perfect for the creation of doors and quick access points.

TECHNICAL DATA
Material: Fabric + plastic

Code:	Length:	Colour:	Pack:	Carton:
ZIP50	500 mm	Stone	1 pc / pack	---
ZIP100	1000 mm	Stone	1 pc / pack	---
ZIP150	1500 mm	Stone	1 pc / pack	---
ZIP200	2000 mm	Stone	1 pc / pack	---
ZIP400	4000 mm	Stone	1 pc / pack	---
ZIP50N	500 mm	Black	1 pc / pack	---
ZIP100N	1000 mm	Black	1 pc / pack	---
ZIP150N	1500 mm	Black	1 pc / pack	---
ZIP200N	2000 mm	Black	1 pc / pack	---
ZIP400N	4000 mm	Black	1 pc / pack	---

C BUDDYTAPE – DOUBLE-SIDED TAPE

Double-sided acrylic foam tape for outdoor use, with outstanding wide temperature range resistance, specifically designed for BuddySun.

TECHNICAL DATA
Material: Double-sided acrylic foam
Height: 25 mm
Thickness: 2 mm
Colour: Charcoal grey
Superior wet-out performance
Closed cell acrylic foam core for reliable sealing to prevent water penetration
High humidity, gasoline and UV resistance
Complete polymerization: approx 24 hours

Code:	Pack:	Carton:
805-5	5 mt / pack	---
805	12,5 mt / pack	---

WATCH THE INSTALLATION VIDEO

BUDDYSUN

ECO BIRDS

FIXING COMPONENTS

A · NYLON WALL PLUGS

Used to perfectly anchor screws to masonry walls.

TECHNICAL DATA
Material: Nylon

Code:	Dimensions:	Combine with:	Pack:	Carton:
401	30 x ø 6 mm	54	100 pcs / pack	---
402	20 x ø 4 mm	403	100 pcs / pack	---
406	25 x ø 5 mm	407	100 pcs / pack	---

B · STAINLESS STEEL SELF-TAPPING SCREWS

Stainless steel self-tapping screws with cylinder Phillips head.

TECHNICAL DATA
Material: Stainless steel

Code:	Dimensions:	Combine with:	Pack:	Carton:
403	3,0 x 20 mm	402	100 pcs / pack	---
407	3,5 x 25 mm	406	100 pcs / pack	---

C · HAMMER-IN WALL PLUGS WITH COPPER SCREW

Hammer-in screw in copper-plated stainless steel with big size washer in copper.
Particularly suitable for the quick installation of copper nets.
Each single piece is made up of screw, washer and wall plug.

TECHNICAL DATA
Material: Copper-plated stainless steel
Length: 38 mm
Washer :   ø 20 mm
Hole: ø 6 mm

Code:	Pack:	Carton:
408R	100 pcs / pack	---

D · HAMMER-IN WALL PLUGS WITH GALVANISED STEEL SCREW

Hammer-in wall plugs. They do not require a screwdriver but are directly hammered into the wall.
Particularly suitable for the quick installation of metal nets, etc.

TECHNICAL DATA
Material: Galvanised steel + nylon
Hole: ø 6 mm

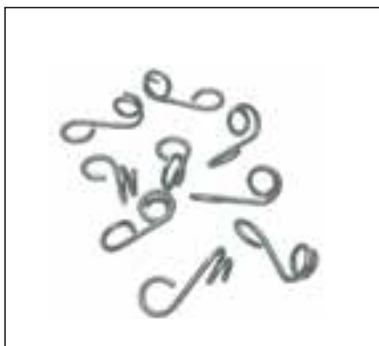| Code:	Length:	Pack:	Carton:
408	37 mm	100 pcs / pack	---
409	56 mm	100 pcs / pack	---

ECO BIRDS

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A NYLON UV-TREATED CABLE TIES

Special nylon cable ties in black colour, with a highly effective fastening system and resistant to UV rays, oils, fats and solvents in general.

TECHNICAL DATA
Material: Self-extinguishing nylon
Colour: Black

Code:	Dimensions:	Pack:	Carton:
545	200 x 4,5 mm	100 pcs / pack	---
546	280 x 7,5 mm	100 pcs / pack	---
547	360 x 7,5 mm	100 pcs / pack	---

B CURL HOOK TO ANCHOR WIRE

Stainless steel curl hook used to anchor the steel wire perimeter that will support the net.
For use on metal surfaces such as gutters, flashings, railing, beams, rolled sections, etc.

TECHNICAL DATA
Material: Stainless steel

Code:	Pack:	Carton:
51	100 pcs / pack	---

C STAINLESS STEEL EYE SCREW FOR WOOD/MASONRY

Stainless steel eye screw, used to anchor the steel wire perimeter that will support the net. It can be used directly on wood surfaces or on masonry surfaces together with a nylon wall plug.
The flat end of the screw has a low visual impact and is resistant to tensile stress.

TECHNICAL DATA
Material: Stainless steel
Length: 35 mm
Hole diameter: ø 5 mm

Code:	Pack:	Carton:
54	100 pcs / pack	---

D STAINLESS STEEL EYE BOLT FOR WALL

High quality eye bolt used to anchor the steel wire on cement, brick, etc.

TECHNICAL DATA
Material: Stainless steel

Code:	Diameter:	Eyelet:	Pack:	Carton:
61	M6	ø 9 mm	10 pcs / pack	---
62	M8	ø 11 mm	10 pcs / pack	---

A GALVANISED STEEL EYE BOLT FOR WALL

High quality eye bolt used to anchor the steel wire on cement, brick, etc.

TECHNICAL DATA
Material: Galvanised steel

Code:	Diameter:	Eyelet:	Pack:	Carton:
63	M6	ø 9 mm	10 pcs / pack	---
64	M8	ø 11 mm	10 pcs / pack	---

B M3 GALVANISED STEEL EYE BOLT FOR WALL

Small eye bolt used to anchor the steel wire on cement, brick, etc.
Fit these eye bolts between larger bolts to create intermediate anchorage points.

TECHNICAL DATA
Material: Galvanised steel
Diameter: M3
Eyelet: ø 6 mm

Code:	Pack:	Carton:
65	50 pcs / pack	---

C HILTI-TYPE M6 BOLTS

High quality Hilti-type galvanised steel eye/hook bolt anchor M6. Used to fix the steel wire creating the perimeter to masonry walls.
This bolt anchor is quick to install and especially indicated for reinforced concrete walls. It does not need to be screwed down, just hammered into place.
Its special lead-coated capsule provides extra strong anchorage. Use with 8 mm drill bit.

TECHNICAL DATA
Material: Galvanised steel
Diameter: M6
Eyelet: ø 8 mm

Code:	Shape:	Pack:	Carton:
66	Eye	100 pcs / pack	---
67	Hook	100 pcs / pack	---

D SLOTTED NYLON ANCHOR RIVET

Special nylon anchor rivet with slot on upper part, used to fix the wire.
The anchor rivet is hammered into place and blocked in the wall thanks to its wings. Ideal for use on reinforced concrete walls, these anchor rivets are quick to install.

TECHNICAL DATA MOD. 68		TECHNICAL DATA MOD. 68N	
Material:	Nylon	Material:	Nylon
Length:	45 mm	Length:	42,3 mm
Diameter:	ø 7 mm	Diameter:	ø 10,3 mm
Hole:	6 mm drill bit	Hole:	8 mm drill bit

Code:	Colour:	Pack:	Carton:
68	Grey	100 pcs / pack	---
68N	Black	100 pcs / pack	---

A GALVANISED CLAMP-ON CLIPS

Specifically designed to anchor the steel wire to metal bases.
These very sturdy clips are simply clamped on with the help of a hammer.
Special inner wings provide the clips with excellent grip, ensuring secure anchorage and high resistance also to tensile stress. Available in 4 sizes.

TECHNICAL DATA
Material: Galvanised steel

Code:	Thickness:	Pack:	Carton:
555	From 1,5 to 3 mm	100 pcs / pack	---
556	From 3 to 8 mm	100 pcs / pack	---
557	From 8 to 14 mm	100 pcs / pack	---
558	From 14 to 20 mm	100 pcs / pack	---

B SPECIAL WIRE ANCHORAGE MAGNET

Magnetic fixing Kit for anti-intrusion nets.
Used to secure perimeter wire upon iron surfaces during the installation of anti-intrusion nets.
The special magnet is fitted with an eye bolt and allows creating perimeter anchorage points without making holes.

TECHNICAL DATA
MAGNET
Inner material: Nickel-plated iron
Outer material: Ferrite magnet
Diameter: 22 mm
Thickness: 5 mm
Tractive force: 7 kg
EYE BOLT
Material: Tropicalised galvanised iron
Length: 10 mm
Eyelet :   ø 5 mm

Code:	Pack:	Carton:
598	10 pcs / pack	---

A   SPECIAL STAINLESS STEEL HAMMER-IN EYE BOLT FOR WALL

Ideal to anchor the net perimeter wire on masonry walls such as reinforced concrete.
It combines an extra-strong anchorage with an extremely reduced visual impact, thanks to its flat eyelet head.

TECHNICAL DATA
Material: Stainless steel
Length: 60 mm
Eyelet: ø 5 mm
Hole: 6 mm drill bit

Code:	Pack:	Carton:
54PIN	100 pcs / pack	---

B   SPECIAL GALVANISED STEEL HAMMER-IN EYE BOLT FOR WALL

Ideal to anchor the net perimeter wire on masonry walls such as reinforced concrete.
It combines an extra-strong anchorage with an extremely reduced visual impact, thanks to its flat eyelet head.

TECHNICAL DATA
Material: Galvanised steel
Length: 60 mm
Eyelet: ø 5 mm
Hole: 6 mm drill bit

Code:	Pack:	Carton:
54PZN	100 pcs / pack	---

C   SPECIAL VISE TO ANCHOR NET WIRE

Ideal to anchor the net perimeter wire on IPE girders. It is adjustable to thickness ranging from 2 to 5 cm.
This vise grip is ideal to fix the net wire and offers an extra-strong anchorage.

TECHNICAL DATA
Material: Galvanised steel
Thickness: From 20 to 50 mm

Code:	Pack:	Carton:
599	5 pcs / pack	---

ECO BIRDS

A   SPECIAL FRAME FOR NET INSTALLATIONS

Special frames for the installation of nets around and above protruding features.
The sturdy galvanised steel structure allows an extra-strong anchorage of the bird net wire at different heights.
The plate at the base of the bracket has two eyelets for fixing on masonry surfaces.

TECHNICAL DATA
BRACKET
Material: Galvanised steel
Width: 40 mm
Thickness: 2.5 mm
Eyelet dimensions: 30 x 9 mm
BASE
Material: Galvanised steel
Length: 120 mm
Width: 50 mm
Thickness: 6 mm
Fixing holes: 2
Thickness: 2.5 mm
Eyelet dimensions: 25 x 14 mm

Code:	Height:	Holes:	Pack:	Carton:
90	210 mm	4	20 pcs / pack	---
91	310 mm	6	20 pcs / pack	---
92	410 mm	8	20 pcs / pack	---
93	510 mm	10	20 pcs / pack	---
94	610 mm	12	20 pcs / pack	---
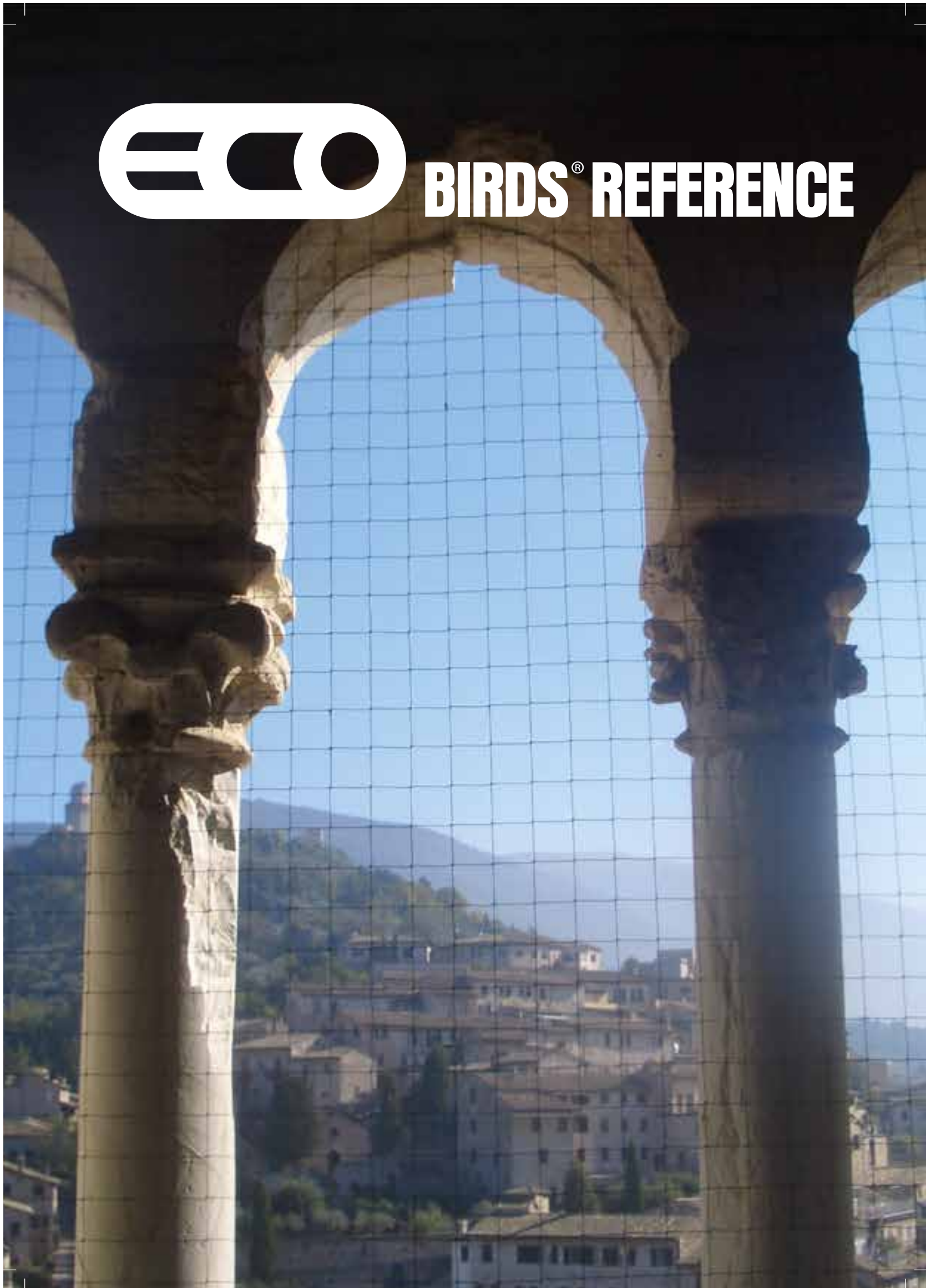
ECO BIRDS® REFERENCE

BIRD CONTROL

ECO BIRDS

CONTROL UNITS

A PROGRAMMABLE BIRD SOUND SCARE SYSTEM

This advanced sound scare system control unit can either be powered by 12V battery or electrical-ly-powered with a 220V/12V adapter/transformer (mod. ES102). The control unit is provided with a digital programmer that operates on 220V or 12V.

The recorded distress calls of the main birds as well as predator attack cries are simultaneously used in random order. Two two-way loudspeakers (mod. ES201) or two four-way loudspeakers (mod. ES204) can be connected to the control unit with special cables (mod. ES199) at a maximum distan-ce of 100 metres from the control unit.

The sounds are emitted for variable lengths of time (from 15 to 40 seconds) interrupted by random periods of silence lasting between 1-8 minutes.

TECHNICAL DATA
Wattage: 40W
Voltage: 12V
Loudspeakers: 0 integrated
                2 connectable
Protection: IP65
Solar cell: Yes

Code:	Pack:	Carton:
ES104	1 pc / pack	---

B BIRD SOUND SCARE SYSTEM WITH LOUDSPEAKERS

This sound scare system control unit can either be powered by 12V battery or electrically-powered with a 220V/12V adapter/transformer (mod. ES102). The control unit has two integrated two-way loudspeakers and a day/night sensor. The recorded distress calls of the main birds as well as preda-tor attack cries are simultaneously used in random order. Besides the integrated loudspeakers, one two-way loudspeaker (mod. ES201) or one four-way loudspeaker (mod. ES204) can be connected to the control unit with special cables (mod. ES199) at a maximum distance of 100 metres from the control unit. The sounds are emitted for variable lengths of time (from 15 to 40 seconds) interrupted by random periods of silence lasting between 1-8 minutes.

A timer (mod. ES250) can otherwise be used to programme the sounds with 15-minute phases over a period of 24 hours (only for use with 220 V electricity).

TECHNICAL DATA
Wattage: 40W
Voltage: 12V
Loudspeakers: 2 integrated
                2 connectable
Protection: IP65
Solar cell: Yes

Code:	Pack:	Carton:
ES112	1 pc / pack	---

A TWO-WAY LOUDSPEAKERS FOR BIRD SOUND SCARE SYSTEM

Two-way loudspeakers in sturdy plastic for use with mod. ES104 sound scare systems. Can also be used as supplementary loudspeakers for mod. ES112 sound scare systems.

TECHNICAL DATA
Wattage: 40W
Connectable loudspeakers: 1
Protection: IP65

Code:	Pack:	Carton:
ES201	1 pc / pack	---

B FOUR-WAY LOUDSPEAKERS FOR BIRD SOUND SCARE SYSTEM

Sturdy plastic four-way loudspeakers for mod. ES100, ES112 and ES104.

TECHNICAL DATA
Wattage: 40W
Connectable loudspeakers: 1
Protection: IP65

Code:	Pack:	Carton:
ES204	1 pc / pack	---

C EXTENSION CABLE FOR LOUDSPEAKERS

Red/black 2-pole cable (with plugs) for the electrical connection of loudspeakers at a maximum distance of 100 metres.

TECHNICAL DATA
Material: 2-pole cord
Colour: black/red
Pack: 100 m

Code:	Pack:	Carton:
ES199	1 pc / pack	---

D 220V/12V TRANSFORMER FOR BIRD SOUND SCARE SYSTEM

Transformer for mod. ES112 and ES104 sound scare systems.

TECHNICAL DATA
Input voltage: 220V
Output voltage: 12V

Code:	Pack:	Carton:
ES102	1 pc / pack	---

A **HAWK DECOY**

Plastic thermoformed decoy that faithfully reproduces a flying hawk.

TECHNICAL DATA
Material: Plastic

Code:	Pack:	Carton:
FLK350	1 pc / pack	---

B **WINDOW DECALS - HAWKS**

Black decals in various sizes.

TECHNICAL DATA
Material: Plastic coated paper
Colour: Black
Decals per sheet: 3

Code:	Pack:	Carton:
2372	5 pcs / pack	---

A CAGE FOR PIGEONS

Practical and functional cage trap used to catch pigeons.
Made out of high quality galvanised steel, easy and quick to assemble, this cage trap requires little maintenance and is an essential tool when starting a pigeon capture campaign.
It has one-way doors in which birds can enter but cannot get out of.
Before placing traps, check the restrictions, regulations, etc. enforced in your territory. The capture of pigeons is regulated by precise territorial laws.

TECHNICAL DATA
Base material: Galvanised steel
Cage material: Galvanised steel spray painted in green
Dimensions: 1000 x 600 x 300 mm
No. of entrances: 2

Code:	Pack:	Carton:
TZ2250	1 pc / pack	---

B CAGE FOR SPARROWS

Practical and functional cage trap used to catch sparrows.
Made out of high quality galvanised steel, easy and quick to assemble, this cage trap requires little maintenance and is an essential tool when starting a sparrow capture campaign.
The entrances are shaped so that the sparrows can enter but cannot escape. There is a door on the back of the cage to allow removal of the birds. Suitable for department stores and supermarkets.

TECHNICAL DATA
Material: Galvanised steel
Dimensions: 610 x 350 x 190 mm
No. of entrances: 2

Code:	Pack:	Carton:
TZ3334	1 pc / pack	---

BIRD CONTROL
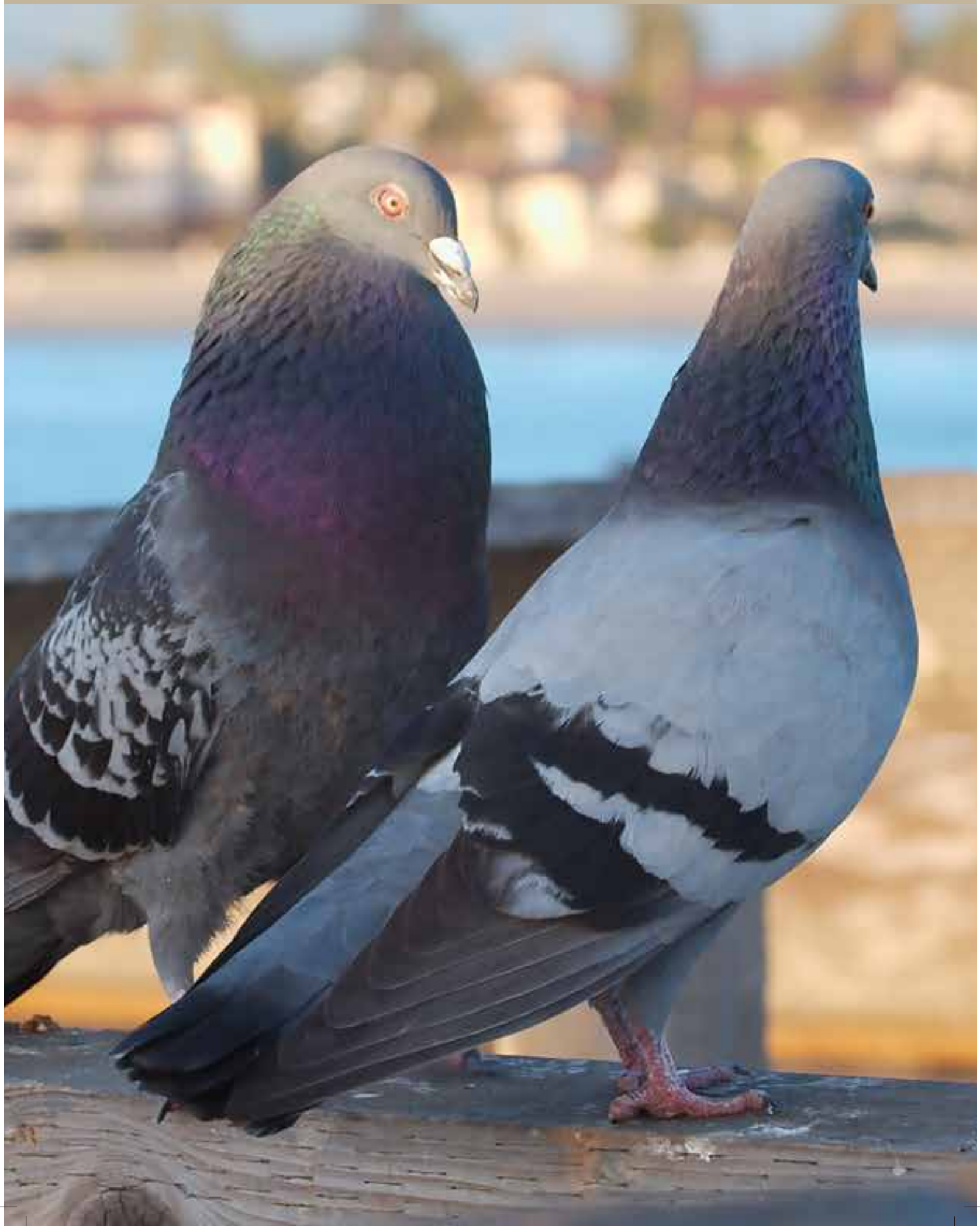
TOOLS

ECO BIRDS

WORKING INSTRUMENTS

A CRIMPING PLIERS

Special crimping pliers used to correctly secure crimps (mod.131) on the stainless steel wire. Also used to cut the stainless steel wire; the pliers are in fact also designed to make accurate and clean cuts without leaving annoying burr.

TECHNICAL DATA
Material: Steel

Code:	Pack:	Carton:
199	1 pc / pack	---

B PROFESSIONAL HOG RING STAPLER

Indispensable accessory used to fix the net to the steel wire, giving installers the possibility of optimising installation time.
This handy, excellent quality tool provides secure fastening of the special hog rings (mod 41 – 42 – 43) that close into a ring around the net mesh and the wire.

TECHNICAL DATA
Material: Steel

Code:	Pack:	Carton:
40	1 pc / pack	---

C PROFESSIONAL CRIMPER

Crimping pliers used to compress mod. 11 and 13 ferrules. This top quality tool is equipped with a ratchet, which helps achieve better crimping results with the least effort.

TECHNICAL DATA
Material: Steel

Code:	Pack:	Carton:
60	1 pc / pack	---

D PROFESSIONAL WIRE CUTTER

Special high quality shears used to cleanly cut galvanised (mod 77) or stainless steel wire (mod 71-73). Suitable for wire with a diameter between 0.5 mm and 3 mm.

TECHNICAL DATA
Material: Steel

Code:	Pack:	Carton:
70	1 pc / pack	---

WORKING INSTRUMENTS

A   STEEL-CUTTING SHEARS FOR 3 MM STEEL RODS

Professional cutter that neatly and quickly cuts stainless steel rods mod.430. Essential, time-saving tool with excellent cutting performance.

TECHNICAL DATA
Material: Steel

Code:	Pack:	Carton:
435	1 pc / pack	---

B   CRIMPING TOOL FOR CABLE TERMINALS

High quality crimping pliers for insulated cable terminals (mod 414), an essential tool used to properly fix the terminals to the high voltage cable (mod. 480). To prevent current leakage, the threaded rods must in fact be securely connected to the high voltage cable.

TECHNICAL DATA
Material: Steel

Code:	Pack:	Carton:
418	1 pc / pack	---

C   SOCKET SCREWDRIVER FOR M3 NUTS

5.5 mm socket screwdriver used to correctly tighten mod. 416 nuts, which in turn are used to properly connect the high voltage cable, the cable terminals and the rods of the electric line.

TECHNICAL DATA
Material: Chrome-vanadium steel
Diameter: 5.5 mm for M3 nut

Code:	Pack:	Carton:
417	1 pc / pack	---

D   COMBINATION SPANNER FOR M3 NUTS

5,5 mm combination spanner used to correctly tighten mod. 416 nuts.

TECHNICAL DATA
Material: Chrome-vanadium steel
Diameter: 5.5 mm for M3 nut

Code:	Pack:	Carton:
419	1 pc / pack	---

E   PROFESSIONAL SHEARS FOR METAL NET

High quality shears used to cut the metal net. This tool is indispensable to cut out the required shape and size of net depending on installation needs.

TECHNICAL DATA
Material: Chrome-steel

Code:	Pack:	Carton:
484	1 pc / pack	---

ECO BIRDS

WORKING INSTRUMENTS

A PROFESSIONAL SCISSORS

Heavy-duty electrician's scissors with straight blades.

TECHNICAL DATA
Material: Chrome-steel

Code:	Pack:	Carton:
483	1 pc / pack	---

B M3 HEX SCREWDRIVER

Hex screwdriver specifically designed to tighten stainless steel Allen screws onto mod. 490 mammoth clamps.

TECHNICAL DATA
Diameter: 1,5 / M3

Code:	Pack:	Carton:
491	1 pc / pack	---

C M4 HEX SCREWDRIVER

Hex screwdriver specifically designed to tighten stainless steel Allen screws onto mod. 413 mammoth clamps.

TECHNICAL DATA
Diameter: 2 / M4

Code:	Pack:	Carton:
492	1 pc / pack	---

D SPACER TEMPLATE FOR ELECTRIC LINE

Spacer template used to correctly position the support clamps (mod. 420) for the electric line.

TECHNICAL DATA
Material: Aluminium
Length: 330 mm

Code:	Pack:	Carton:
DS001	1 pc / pack	---

ECO BIRDS® REFERENCE

RODENT CONTROL

METAL

A TRAPEZOID-SHAPED METAL BAIT STATION PAINTED WHITE

This bait station is the result of extensive studies and is designed to offer maximum safety, high performance, as well as an attractive design. The new Ecorodent line has a tunnel structure, special proportions and is extremely easy to use.
A disposable tray that can hold any type of bait, from grain bait to wax blocks of all sizes.
It can quickly be fixed to the floor/wall with a single anchor screw or it can be fixed to poles using the special accessory.
Its metal structure and special Allen wrench lock makes it safe in case of accidental tampering.
The inside is free from obstacles so it can easily be cleaned.
Each bait station includes an inner tray, rods to secure bait, accessories to fasten the bait station to a wall or pole, and a station identification label.

TECHNICAL DATA
Material: Stove-enamelled galvanised steel
Colour: White
Dimensions: 300 x 125 x h 110 mm

Code:	Pack:	Pallet:
9480	12 pcs / pack	300 pcs / pallet

B SQUARE METAL BAIT STATION

Wide rodent bait station made of tamper-resistant heavy-duty galvanised steel.
It can be securely fastened to the ground thanks to two holes on the base of the station. The lid can be completely removed, thus making inspection and maintenance easier.
The metal box comes with a stainless-steel screw for fastening the station shut, preventing tampering. It also includes securing rod to keep bait blocks in place and a removable plastic tray for easy cleaning.

TECHNICAL DATA
Material: Stove-enamelled galvanised steel
Colour: Green army
Dimensions: 260 x 220 x h 85 mm
Weight: 1000 g

Code:	Pack:	Pallet:
9460	12 pcs / pack	---

CODE 9480

BAIT STATIONS
PLASTIC

A TRAPEZOID-SHAPED PLASTIC BAIT STATION

New-concept locking rat bait station, made of heavy-duty plastic (HD polypropylene). It can withstand the harshest weather conditions and is suitable for both indoor and outdoor use.
Thanks to its trapezoid shape, it has a low visual impact and can be positioned anywhere.
The key features making this product the most innovative bait station available on the market are:
1 - safe opening and locking with special Allen wrench
2 - versatile fixing system for all types of situations (included)
3 - adjustable entrance hole size (included)
4 - inner part free from obstacles for easy and fast cleaning
5 - internal disposable tray (included) that can safely hold any type of bait
6 - safe, tamper-resistant station, keeping bait away from children and pets
7 - identification label and rods to secure wax bait (included).
It comes with an identification label, fixing accessories for masonry wall surfaces, poles and vertical supports.

TECHNICAL DATA
Material: HD polypropylene
Colour: Black
Dimensions: 330 x 140 x h 110 mm

Code:	Pack:	Pallet:
9300	12 pcs / pack	360 pcs / pallet

B VERSION WITHOUT ACCESSORIES

With the same characteristics as mod. 9300 but without the fixing accessories and without the bait tray and bait securing rods.

TECHNICAL DATA
Material: HD polypropylene
Colour: Black
Dimensions: 330 x 140 x h 110 mm

Code:	Pack:	Pallet:
9301	12 pcs / pack	360 pcs / pallet

C VERSION WITHOUT FIXING ACCESSORIES

With the same characteristics as mod. 9300, with bait tray and bait fixing rods, but without the fixing accessories.

TECHNICAL DATA
Material: HD polypropylene
Colour: Black
Dimensions: 330 x 140 x h 110 mm

Code:	Pack:	Pallet:
9302	12 pcs / pack	360 pcs / pallet

A TRAPEZOID-SHAPED PLASTIC BAIT STATION

New-concept locking rat bait station, made of sturdy plastic (HD polypropylene), suitable only for indoor use.
Thanks to its trapezoid shape, it has a low visual impact and can be positioned anywhere.
The key features making this product the most innovative bait station available on the market are:
1 - safe opening and locking with special Allen key
2 - versatile fixing system for all types of situations (included)
3 - adjustable entrance hole size (included)
4 - inner part free from obstacles for easy and fast cleaning
5 - internal disposable tray (included) that can safely hold any type of bait
6 - complies with safety standards and does not allow children and pets to reach or touch the rodent bait
7 - can lodge mod. 9570/9575 glue trays when the use of poison is prohibited
8 - station identification label and pins to secure wax bait (included).
It is supplied with an identification label, fixing accessories for masonry wall surfaces, poles and vertical supports.

TECHNICAL DATA
Material: HD polypropylene
Colour: Transparent
Dimensions: 330 x 140 x h 110 mm

Code:	Pack:	Pallet:
9305	12 pcs / pack	360 pcs / pallet

B VERSION WITHOUT ACCESSORIES

With the same characteristics as mod. 9305 but without the fixing accessories and without the bait tray and bait securing rods.

TECHNICAL DATA
Material: HD polypropylene
Colour: Transparent
Dimensions: 330 x 140 x h 110 mm

Code:	Pack:	Pallet:
9306	12 pcs / pack	360 pcs / pallet

C VERSION WITHOUT FIXING ACCESSORIES

With the same characteristics as mod. 9305, with bait tray and bait securing rods, but without the fixing accessories.

TECHNICAL DATA
Material: HD polypropylene
Colour: Transparent
Dimensions: 330 x 140 x h 110 mm

Code:	Pack:	Pallet:
9307	12 pcs / pack	360 pcs / pallet

ECO RODENT

A   GREY T-SHAPED BAIT STATION FOR SOLID BAIT

Mod. 9800T is a new-concept bait station that can hold any type of solid rat bait (fresh pasta bait, wax blocks, grain bait and even liquid bait with the optional accessory mod. 9841).
Made of sturdy plastic, this bait station is totally weather-resistant.
A safe Allen key locking mechanism - that already distinguishes the entire Ecorodent line - makes this bait station inaccessible to unauthorised personnel, children or non-target animals.
Owing to its shape and to its vertical installation mode, the mod. 9800T bait station can even be placed in narrow spaces or where it is not possible to place horizontal bait stations, and it's hardly noticeable wherever it is installed.
The size of the entrance hole is designed both for mice and rats.
The bait station has a special bait-lodging tube with two features:
· it can be quickly removed so that operators can check the bait and it can be just as quickly cleaned
· it protects bait from water or dust.
The bait station comes with the "fast inspection" bait-lodging tube as well as a fixing system to create permanent stations (screw and wall plug).
An accessory (optional) is available: mod. 9845, a quick-release fixing clamp that is especially useful when frequent maintenance of the station is required.

TECHNICAL DATA
Material: HD polypropylene
Colour: Grey
Dimensions: 290 x h 300 x ø 70 mm

Code:	Pack:	Pallet:
9800T	15 pcs / pack	360 pcs / pallet

B   T-SHAPED BAIT STATION FOR SOLID BAIT

Mod. 9805T is a new-concept bait station that can hold any type of solid rat bait (fresh pasta bait, wax blocks, grain bait and even liquid bait with the optional accessory mod. 9841).
Made of sturdy plastic, this bait station is totally weather-resistant.
A safe Allen key locking mechanism - that already distinguishes the entire Ecorodent line - makes this bait station inaccessible to unauthorised personnel, children or non-target animals.
Owing to its shape and to its vertical installation mode, the mod. 9805T bait station can even be placed in narrow spaces or where it is not possible to place horizontal bait stations, and it's hardly noticeable wherever it is installed.
The size of the entrance hole is designed both for mice and rats.
The bait station has a special bait-lodging tube with two features:
· it can be quickly removed so that operators can check the bait and it can be just as quickly cleaned
· it protects bait from water or dust.
The bait station comes with the "fast inspection" bait-lodging tube as well as a fixing system to create permanent stations (screw and wall plug).
An accessory (optional) is also available: mod. 9845, a quick-release fixing clamp that is especially useful when frequent maintenance of the station is required.

TECHNICAL DATA
Material: HD polypropylene
Colour: Grey + transparent
Dimensions: 290 x h 300 x ø 70 mm

Code:	Pack:	Pallet:
9805T	15 pcs / pack	360 pcs / pallet

EASY CHECK

A ECONOMICAL T-SHAPED BAIT STATION

Plastic T-shaped rodent bait station with locking key. It is designed for outdoor use and is a valid tool for safe rodent control, aimed at preventing children and non-target animals - such as dogs, cats and birds - from accidentally coming into contact with anticoagulant baits.
Suitable for use in parks and gardens, as well as outside warehouses, buildings and company facilities, including food companies.

TECHNICAL DATA
Material: Polypropylene
Colour: Grey
Dimensions: 250 x h 360 x ø 60 mm

Code:	Pack:	Pallet:
2210T	20 pcs / pack	480 pcs / pallet

B ELASTIC FIXING CLAMP FOR T-SHAPED BAIT STATIONS

Special elastic clamp, used to fix T-shaped bait stations to the wall. This special fixing clamp is especially suitable for use in narrow places and when frequent maintenance is required. The clamp-fitted bait station can in fact be quickly removed by personnel and just as quickly replaced after maintenance.
Please note: this clamp is not supplied with the bait station and must be ordered separately.

TECHNICAL DATA
Material: Polypropylene

Code:	Pack:	Carton:
9845	15 pcs / pack	---

CODE 9805T

CODE 9800T

A RECTANGULAR PLASTIC BAIT STATION

New design for the former version of model 9310.
Locking rodent bait station made of heavy-duty dark grey plastic (HD polypropylene). It can withstand the harshest weather conditions and is suitable for both indoor and outdoor environments. Thanks to its special shape and to the hinged lid on the short end, it can be positioned anywhere, offering a low visual impact, and it can also be easily inspected by operators.
Main features:
1 - opens and locks with special key
2 - large entrance holes
3 - partition dividing the inside so that any kind of bait can be safely used
4 - sturdy and particularly suitbale for outdoor use
5 - can hold either rodent baits or snap traps
6 - can be customised with pad printing or embossed logo directly on the plastic

TECHNICAL DATA
Material: HD polypropylene
Colour: Black
Dimensions: 250 x 165 x h 105 mm

Code:	Pack:	Pallet:
9310	22 pcs / pack	484 pcs / pallet

B RECTANGULAR PLASTIC BAIT STATION

New design rodent bait station made of transparent heavy-duty plastic (HD polypropylene). It can withstand the harshest weather conditions and is suitable for indoor use.
Thanks to its special shape and to the hinged lid on the short end, it can be positioned anywhere, offering a low visual impact, and it can also be easily inspected by operators.
Main features:
1 - opens and locks with special key
2 - large entrance holes
3 - partition dividing the inside so that any kind of bait can be safely used
4 - can hold either rodent baits or snap traps, with optional remote control
5 - can be customised with pad printing or embossed logo directly on the plastic during the production process.

TECHNICAL DATA
Material: HD polypropylene
Colour: Transparent
Dimensions: 250 x 165 x h 105 mm

Code:	Pack:	Pallet:
9315	22 pcs / pack	484 pcs / pallet

EASY CHECK

CODE 9855A

RODENT

75

BAIT STATIONS
PLASTIC

A | **CELLULAR PLASTIC RODENT BAIT STATION**

Practical rodent bait station made of transparent cellular plastic supplied in pre-folded die-cut sheets that are easy to assemble. It has an inner chamber in which the bait can be safely placed to prevent accidental spilling.

TECHNICAL DATA
Material: Cellular plastic
Dimensions: 180 x 105 x h 55 mm
Colour: Opaque transparent

Code:	Pack:	Pallet:
9900	50 pcs / pack	2600 pcs / pallet

B | **HALF-MOON RODENT BAIT STATION**

Rodent bait station made of polypropylene, discreet and hardly noticeable, suitable for all types of bait (wax blocks, pasta, grains, etc.). It opens and locks with the special key that is supplied.
The bait station can be connected to the mod. 9220 trap using an innovative fixing system, providing quick and simultaneous control of both rodents and insects.
The mod. 9330 bait station, placed on top of the mod. 9220 trap, closes the holder of the pheromone attractant or food lure instead of the cap that is supplied, thus providing high monitoring control at all times.

TECHNICAL DATA
Material: Polypropylene
Colour: Black
Dimensions: 170 x 100 x h 40 mm

Code:	Pack:	Pallet:
9330	12 pcs / pack	2400 pcs / pallet

NEW

EASY CHECK

C | **OMNIBOX EASY CHECK RODENT AND INSECT BAIT STATION**

Omnibox is the ideal bait station for the simultaneous control of small rodents and insects.
It can lodge glue boards model 9520 and 9525. With its low profile, it can be easily positioned in any place. A dedicated locking key is included.

TECHNICAL DATA
Material: HD polypropylene
Colour: Trasparent
Dimensions: 205 x 120 x 40 cm

Code:	Pack:	Pallet:
9375	20 pcs / pack	1680 pcs / pallet

BAIT STATIONS
PLASTIC

A BAIT STATION AND TRAP FOR RODENTS AND INSECTS

New-concept rodent bait station entirely made of sturdy plastic. A cardboard glue trap can be placed inside the special compartment to simultaneously monitor crawling insects.
Thanks to its easily removable bait tray and to its special quick-release fixing system, this bait station is very practical for operators to clean and to use for inspections.
Rod to block wax bait, a fixing screw, wall plug and locking key are provided.
Can be customised with pad printing.

TECHNICAL DATA
Material: HD polypropylene
Colour: Black
Dimensions: 210 x 145 x h 65 mm

Code:	Pack:	Pallet:
9850A	30 pcs / pack	720 pcs / pallet

B BAIT STATION /TRAP FOR RODENTS AND INSECTS - EASY CHECK

New-concept rodent bait station made of sturdy plastic.
It has a special compartment in which to place a cardboard glue trap to simultaneously control both rodents (with solid bait) and crawling insects.
Thanks to its removable bait tray and to its special wall fixing system, this bait station is particularly practical and easy to use.
It is supplied with a locking key, fixing screw, wall plug and rods to block wax bait.
Can be customised with pad printing.

TECHNICAL DATA
Material: HD polypropylene
Colour: Black base + transparent lid
Dimensions: 210 x 145 x h 65 mm

Code:	Pack:	Pallet:
9855A	30 pcs / pack	720 pcs / pallet

C EASY CHECK BAIT STATION/TRAP FOR RODENTS AND INSECTS

New concpet rodent and insect bait station, entirely made of transparent plastic.
A glue trap can be positioned inside the special compartment to catch crawling insects.
This station has a removable transparent rodent bait tray and a special wall fixing system, that make maintenance and inspection extremely quick and easy.
It is supplied with bait securing rod, locking key, fixing screws and wall plugs.
It can be customised with company logo pad-printed.

TECHNICAL DATA
Material: HD polypropylene
Colour: Transparent
Dimensions: 210 x 145 x h 65 mm

Code:	Pack:	Pallet:
9855B	30 pcs / pack	720 pcs / pallet

CATCH TRAPS
MECHANICAL

A EASY CHECK RAT CATCH TRAP

Sturdy and tamper resistant bait station, made up of transparent HD polypropylene, suitable for indoor use.
Thanks to its special shape and to the hinged lid on the short side, it can be positioned anywhere, offering a low visual impact. It can also be easily inspected by operators.
Its main features:
- special dedicated locking key
- large entrance holes
- holds the rat snap trap model 9012 also available with remote control
It can be customised with pad printing or embossed logo directly on the plastic
The two items can also be used separately, respectively as rodenticide bait station and as rat snap trap.

TECHNICAL DATA
BAIT STATION
Material: HD Polypropylene
Colour: Transparent
Dimensions: 250 x 165 x h 105 mm
Weight: 364 g
SNAP TRAP MOD. 9012
Material: ABS Plastic
Colour: Black + red
Dimensions: 142 x 77 x h 74 mm
Weight: 118 g

Code:	Pack:	Pallet:
9052	12 pcs / pack	200 pcs / carton

Place the non-toxic monitoring bait in the vertical rod **(picture 1)**; then position the snap trap facing the bait **(picture 2)**.

Once the trap is in place, press the back area until it is blocked **(pictures 3 and 4)**.

The trap is now armed **(picture 5)** and the station can be closed.

If the trap is properly armed and active, the red trigger can be clearly seen through the transparent lid **(picture 6)**.
If it is not visible, then it is necessary to check the eventual catch and re-arm the trap.

⚠ **WARNING: DO NOT ARM THE TRAP OUTSIDE THE BAIT STATION**

CATCH TRAPS

MECHANICAL

A   SHARK SHAPE SNAP TRAP FOR RODENTS

These two versions of sturdy and modern snap trap are designed to provide an ultra-fast action and a quick death thus avoiding rodent suffering, thanks to the strong interlocking teeth. Both models have a special bait-lodging cup and a red trigger to facilitate inspection.
Model 9012 is meant for rats, also big size ones. It can be safely and easily set by hand or by foot with no risk for the operator. It can also be used inside bait stations such as our models 9310 or 9315 to increase safety even further.

TECHNICAL DATA
Material: ABS plastic
Colour: Black + red
Dimensions: 142 x 77 x h 74 mm
Weight: 118 g

Code:	Pack:	Carton:
9012	24 pc / pack	---

B   SHARK SHAPE SNAP TRAP FOR SMALL RODENTS

The new model 9013 has been specifically developed for mice control, and can catch even the smallest ones.
It can be easily set from behind to protect the operator's fingers.

TECHNICAL DATA
Material: ABS plastic
Colour: Black + red
Dimensions: 105 x 50 x h 57 mm
Weight: 38 g

Code:	Pack:	Carton:
9013	48 pc / pack	---

Be sure that the trap is UNARMED **(picture 1)**; then turn counter-clockwise the bait cup slot **(picture 2)**.

Withdraw the cup **(picture 3)** and fill it with the specific attractant **(picture 4)**.

Re-insert the cup **(picture 5)** and turn it clockwise **(picture 5)**. At this point, the trap can be safely armed **(picture 6)**.

⚠ **WARNING: ALL THESE OPERATIONS MUST BE CONDUCTED WITHOUT HAVING THE TRAP SET**

ECO RODENT

81

A   SNAP TRAP FOR MICE

A durable modern trap designed to provide a fast and clean action. It can catch even the smallest mouse. It has a special bait-lodging cup.
The trap can be easily set from behind to protect the operator's fingers.

TECHNICAL DATA
Material: Plastic
Colour: Black
Dimensions: 98 x 55 x h 50 mm
Weight: 38 g

Code:	Pack:	Carton:
9010	40 pc / pack	---

B   SNAP TRAP FOR RATS

This durable modern trap is designed to provide a fast and clean action. It can catch also big size rats. It has a special bait-lodging cup.
The trap can be easily set from behind to protect the operators' fingers.
It can also be used inside bait stations such as our models 9310 or 9315 to increase safety even further.

TECHNICAL DATA
Material: Plastic
Colour: Black
Dimensions: 140 x 80 x h 70 mm
Weight: 94 g

Code:	Pack:	Carton:
9011	12 pc / pack	---

CODE 9305

A   MULTIPLE CATCH TRAP SOLID

This version of automatic multiple catch trap has no inspection window. It captures up to 30 mice at a time. Suitable for small rodents. Entirely made of excellent quality galvanised steel, the trap is useful for rodent monitoring operations based on the HACCP methodology. A cardboard glue trap with attractant (mod. 9500) can be placed inside to make it easier to remove the captured mice. The glue trap also helps capture crawling insects coming in through the slits on the lower part of the trap.
A package includes: 12 multiple catch traps

TECHNICAL DATA
Material: Galvanised steel sheet
Dimensions: 260 x 155 x h 50 mm

Code:	Pack:	Pallet:
9420	12 pcs / pack	720 pcs / plt

B   MULTIPLE CATCH TRAP EASY CHECK

Multiple catch trap entirely made of galvanised steel sheet.
Captures up to 30 mice.
Particularly suitable for rodent control in a HACCP-based system.
Inspection window to facilitate monitoring operations.
Does not require bait.
A package includes: 12 multiple catch traps

TECHNICAL DATA
Material: Galvanised steel sheet
Dimensions: 260 x 155 x h 50 mm

Code:	Pack:	Pallet:
9421	12 pcs / pack	720 pcs / plt

C   PLASTIC MULTIPLE CATCH TRAP EASY CHECK

Plastic multiple catch trap that can be used anywhere indoors and especially in humid places or where water is used.
Its clear cover (easy check) makes it quicker for technicians to check for captured pests.
This trap is recommended for monitoring programmes in food processing companies and in any case for the capture of house mice (Mus domesticus) and small rodents in general.
There are slits on the lower part of the trap in order to catch crawling insects, making it useful for cockroach monitoring.

TECHNICAL DATA
Material: Shock resistant plastic
Colour: Black base + transparent lid
Dimensions: 270 x 160 x h 60 mm

Code:	Pack:	Pallet:
1450	12 pcs / pack	648 pcs / plt
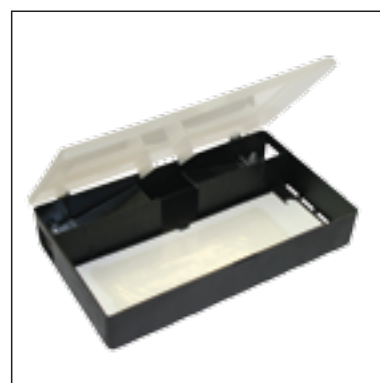
GLUE TRAPS

A CARDBOARD GLUE TRAP WITH FOOD ATTRACTANT

Cardboard glue trap containing food attractant, used to monitor and catch rodents or crawling insects in HACCP-regulated environments. It can either be used with mod. 9420 and 9421 multiple catch traps or individually.
Indicated for the quick removal of captured rats or insects. Absolutely non-toxic.
Personalisation with your logo for minimum 10,000 pcs.

TECHNICAL DATA
Dimensions: 245 x 100 mm
Scent: Big bubble
Lure: Food attractant

Code:	Pack:	Carton:
9500	100 pcs / pack	---

B CARDBOARD GLUE TRAP WITH FOOD ATTRACTANT

Cardboard glue trap used to monitor and catch rodents or crawling insects. Can be used together with PROTECTA PEST MONITOR, mod. 9850 and 9855 bait stations. Absolutely non-toxic.
Personalisation with your logo for minimum 10,000 pcs.

TECHNICAL DATA
Dimensions: 140 x 100 mm
Scent: Big bubble
Lure: Food attractant

Code:	Pack:	Carton:
9520	160 pcs / pack	---

C PLASTIC GLUE TRAP WITH FOOD ATTRACTANT

Plastic glue trap with scent lure, used to monitor and catch rodents and crawling insects, for effective rodent control in HACCP-regulated situations.
Thanks to the plastic base, it is ideal for use in humid environments, where the standard cardboard glue traps would quickly deteriorate.
It contains a non-toxic food attractant with bubblegum scent, that makes the trap extremely attractive.

TECHNICAL DATA
Base material: Plastic
Dimensions: 245 x 100 mm
Scent: Bubblegum
Attractant: Food grade

Code:	Pack:	Carton:
9505	100 pcs / pack	---

D PLASTIC GLUE TRAP WITH FOOD ATTRACTANT

Plastic glue trap with scent lure, used to monitor and catch rodents and crawling insects, for effective rodent control in HACCP-regulated situations.
Thanks to the plastic base, it is ideal for use in humid environments, where the standard cardboard glue traps would quickly deteriorate.
It contains a non-toxic food attractant with bubblegum scent, that makes the trap extremely attractive.

TECHNICAL DATA
Base material: Platic
Dimensions: 140 x 100 mm
Scent: Bubblegum
Attractant: Food grade

Code:	Pack:	Carton:
9525	160 pcs / pack	---

A GLUE TRAY IN BLACK PLASTIC

Glue tray made of plastic used to monitor and catch rodents. Sold in practical, two-piece packs, this glue board is for indoor use and ensures excellent results also with medium-sized rodents. It can either be used separately or with mod. 9300 and 9305 bait stations or with tunnel mod. 9580, as an alternative to rodent bait.

TECHNICAL DATA
Dimensions: 250 x 120 x h 12 mm
Colour: Black

Code:	Pack:	Carton:
9570	50 pcs / pack	---

B GLUE TRAY IN WHITE PLASTIC

Glue tray made of plastic used to monitor and catch rodents. Sold in practical, two-piece packs, this glue board is for indoor use and ensures excellent results also with medium-sized rodents. It can either be used separately or with mod. 9300 and 9305 bait stations or with tunnel mod. 9580, as an alternative to rodent bait.

TECHNICAL DATA
Dimensions: 250 x 120 x h 12 mm
Colour: Bianco

Code:	Pack:	Carton:
9575	50 pcs / pack	---

C GLUE TRAP ON MASONITE BASE

Glue trap on masonite base used to monitor and catch rodents or crawling insects. Sold in practical, two-piece packages, this glue board is for indoor use and ensures excellent results also with medium/large rodents thanks to the good quality of the glue and the board's weight. Also suitable for use in humid environments.

TECHNICAL DATA
Material: Masonite
Dimensions: 280 x 190 mm
Pack: 48 pc (24 couples)

Code:	Pack:	Carton:
9550	48 pcs / pack	---

CATCH TRAPS
ELECTRIC TRAPS

A   ELECTRONIC RODENT TRAP

This trap uses four C 1.5 V batteries and delivers a deadly shock to mice and rats .
When a rodent enters the chamber to reach the bait, it touches both killing plates and completes an electrical circuit, which kills it in seconds.
Once a rodent has been killed, a green indicator light will flash.
This trap is primarily intended for use by professional pest controllers
Ideal for use in any infested area, with the exception of extremely wet places.
Do not allow children to have access to this device.
4 batteries provide enough power for up to 12 kills.

TECHNICAL DATA
Power supply: 4 C 1.5 V batteries (not included)
Material: Plastic
Colour: Black
Dimensions: 220 x 100 x h 120 mm
Weight: 470 gr

Code:	Pack:	Carton:
Mod. 9428	1 pc / pack	---

CODE 9421

A   TRIANGULAR CAGE TRAP FOR BIG SIZE RATS

This triangular multi-catch trap is ideal for breeding farms, fodder factories, etc
Made out of galvanised steel, with 12 mm mesh, it has a conical one-way door entrance in which rodent can enter but cannot get out of and is designed for multiple catches.
The lure holder is placed in a position that cannot be reached by captured rats; so the bait remains intact and attracts more rodents.
This cage trap is pre-assembled and ready for use.

TECHNICAL DATA
Material: Galvanised steel
Wire diameter: 2.2 mm
Mesh dimensions: 12 x 12 mm
Cage dimensions: 800 x 300 x h 300 mm

Code:	Pack:	Pallet:
Mod. TZ3480	1 pc / pack	---

B   ONE-DOOR CAGE TRAP FOR NUTRIAE (*Myocastor coypus*)

This trap has one entrance door that closes automatically when the nutria enters the cage and walks on the platform, attracted by the bait positioned right beyond it.
The door will close down and catch the animal inside the cage.
This trap is pre-assembled and ready for use.

TECHNICAL DATA
Material: Galvanised steel
Wire diameter: 2.2 mm
Mesh dimensions: 24 x 24 mm
Cage dimensions: 825 x 320 x h 340 mm

Code:	Pack:	Pallet:
Mod. TZ3355	1 pc / pack	---

C   TWO-DOOR CAGE TRAP FOR NUTRIAE (*Myocastor coypus*)

This trap has two entrance doors that close automatically when the nutria enters the cage and walks on the platform, attracted by the bait positioned right beyond it, at the centre of the cage.
The doors will immediately close down and catch the animal inside the cage.
This trap is pre-assembled and ready for use.

TECHNICAL DATA
Material: Galvanised steel
Wire diameter: 2.2 mm
Mesh dimensions: 24 x 24 mm
Cage dimensions: 1010 x 320 x h 340 mm

Code:	Pack:	Pallet:
Mod. TZ3370	1 pc / pack	---

A   FIXING SYSTEM FOR STATIONS AND TRAPS

Versatile fixing system for any kind of rodent bait stations and traps.
The kit includes 2 fixing plates with top quality 3M adhesive connected to each other by means of a polyethylene-coated stainless steel wire, with a varying length (25-50 cm), according to the model.
One plate has to be fixed to the station and the other one to the wall.
The trap will remain perfectly in place, though it can easily be removed for floor cleaning.
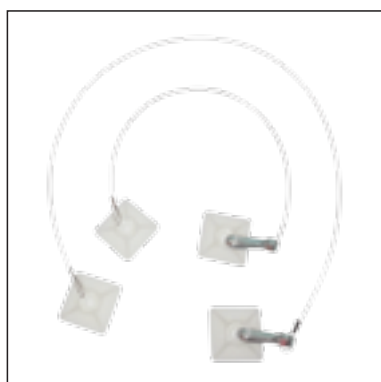
TECHNICAL DATA MOD. 9725
PLATES
Material: Polypropylene
Dimensions: 27 x 27 x h 6 mm
WIRE
Material: Aise 316 stainless steel
Length: 250 mm
Diameter: 0,7 mm

TECHNICAL DATA MOD. 9750
PLATES
Material: Polypropylene
Dimensions: 27 x 27 x h 6 mm
WIRE
Material: Aise 316 stainless steel
Length: 500 mm
Diameter: 0,7 mm

Code:	Pack:	Carton:
9725	12 pcs / pack	---
9750	12 pcs / pack	---

B   FIXING SYSTEM FOR STATIONS AND TRAPS

Versatile fixing system for any kind of rodent bait stations and traps.
The kit includes 2 fixing plates with top quality 3M adhesive connected to each other by means of a polyethylene-coated stainless steel wire and a special hook to easily fasten and unfasten the station/trap.
The length of the wire varies (25-50 cm), according to the model.
One plate has to be fixed to the station and the other one to the wall.
The trap will remain perfectly in place, though it can easily be removed for floor cleaning.
This version with the hook gives the opportunity to quickly release the station yet leaving the fixing system in place.

TECHNICAL DATA MOD. 9725G
PLATES
Material: Polypropylene
Dimensions: 27 x 27 x h 6 mm
WIRE
Material: Aise 316 stainless steel
Length: 250 mm
Diameter: 0,7 mm

TECHNICAL DATA MOD. 9750G
PLATES
Material: Polypropylene
Dimensions: 27 x 27 x h 6 mm
WIRE
Material: Aise 316 stainless steel
Length: 500 mm
Diameter: 0,7 mm

Code:	Pack:	Carton:
9725G	12 pcs / pack	---
9750G	12 pcs / pack	---

A   MAGNETIC WALL FIXING KIT FOR MULTIPLE CATCH TRAPS

Practical and functional magnetic base for the correct positioning of multiple catch traps. The magnetic base is secured directly to the wall with a wall plug and screw (included). This way the trap can be quickly removed during monitoring activities and repositioned in the same place. It is very useful in companies where the traps could be accidentally moved by cleaning personnel or electric sweepers during cleaning operations.

TECHNICAL DATA
One Kit includes: 12 magnets, 12 wall plugs, 12 screws

Code:	Pack:	Carton:
9710M	12 pcs / pack	---

B   MAGNETIC FLOOR FIXING KIT FOR MULTIPLE CATCH TRAPS

Practical and functional magnetic base for the correct positioning of multiple catch traps to the floor. A large washer is first fixed in the corner between the wall and the floor by means of the wall plug and screw (included) or silicone. The magnetic base is then placed inside the trap and the trap is positioned so that the magnetic base corresponds to the washer. This way the trap can be quickly removed during monitoring activities and repositioned in the same place. It is very useful in companies where the traps could be accidentally moved by cleaning personnel or electric sweepers during cleaning operations

TECHNICAL DATA
One Kit includes: 12 magnets, 12 washers, 12 wall plugs, 12 screws

Code:	Pack:	Carton:
9710P	12 pcs / pack	---

C   FASTENING KIT FOR BAIT STATIONS

Practical kit supplied with trapezoid-shaped plastic bait station of the series 9300, offering versatile fastening solutions for any situation. The kit includes wall and pole fastening accessories, pins to secure bait, and station identification label to affix directly to the bait station.

TECHNICAL DATA
One kit includes: 2 rodent bait pins, 1 U-shaped hook for pole fixing, 1 station identification label, 1 wall plug, 1 screw, 2 washers, 2 wing nuts

Code:	Pack:	Carton:
9650	40 pcs / pack	---

D   FASTENING KIT FOR BAIT STATIONS

Practical kit supplied with trapezoid-shaped metal bait station model 9480, offering versatile fastening solutions for any situation. The kit includes wall and pole fastening accessories, pins to secure bait, and station identification label to affix directly to the bait station.

TECHNICAL DATA
One kit includes: 2 rodent bait pins, 1 U-shaped hook for pole fixing, 1 pole accessory, 1 station identification label, 1 wall plug, 1 screw, 2 washers, 2 wing nuts

Code:	Pack:	Carton:
9651	40 pcs / pack	---

A RODENT BAIT TRAY

This versatile and practical inner tray has been designed so that operators can safely use all types of rodent bait (blocks, pellets, pasta, liquid, etc.).Its special shape is designed to prevent accidental contact with the rodent bait, ensuring maximum safety.
This model is supplied with trapezoid bait station models 9300, 9305 and 9480.

TECHNICAL DATA
Material: Polystyrene
Colour: Black

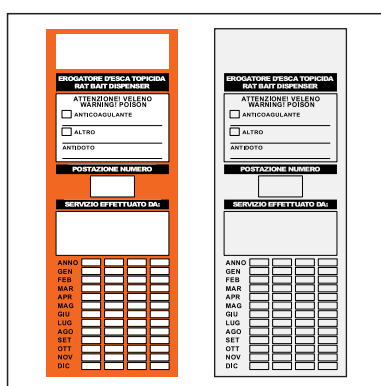| Code:	Pack:	Carton:
9620	40 pcs / pack	---

B SOLID BAIT ACCESSORY FOR MOD.9800T

Fast inspection solid bait lodging tube for the T-shaped bait stations range mod 9800T.

TECHNICAL DATA
Material: Polypropylene
Colour: Transparent
Length: 210 mm
Diameter: 40 mm

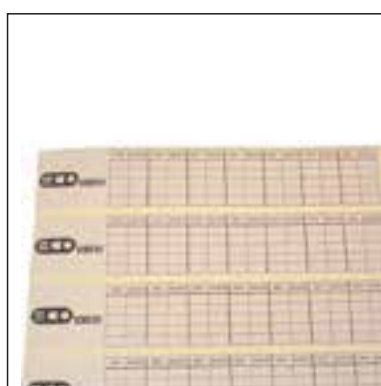| Code:	Pack:	Carton:
9840	15 pcs / pack	---

C IDENTIFICATION LABEL FOR T-SHAPED BAIT STATIONS

Bait station identification label supplied with bait station models 9800T and 9801TL. It is useful for numbering the permanent bait stations, for quick identification and short notes, such as the frequency of checks that have been carried out.
The transparent version is supplied with bait station models 9805T and 9806TL.

TECHNICAL DATA
Material: PVC

Code:	Pack:	Carton:
9663T	60 pcs / pack	---
9663TR	60 pcs / pack	---

D INSPECTION STICKER

Inspection stickers used to note the frequency of checks that have been carried out - available upon request.

TECHNICAL DATA
Dimensions: 35 x 200 mm
Stickers per sheet: 7

Code:	Pack:	Carton:
9670	70 pcs / pack	---

PAD-PRINTED LOGO

EMBOSSED LOGO

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V		

	Code:	Pack:	Minimum order:
A	9420P	12 pcs / pack	120 pcs
B	9421P	12 pcs / pack	120 pcs
C	1450P	12 pcs / pack	120 pcs
D	9300P	12 pcs / pack	360 pcs
E	9301P	12 pcs / pack	360 pcs
F	9302P	12 pcs / pack	360 pcs
G	9305P	12 pcs / pack	360 pcs
H	9306P	12 pcs / pack	360 pcs
I	9307P	12 pcs / pack	360 pcs
J	9310P	22 pcs / pack	484 pcs
K	9315P	22 pcs / pack	484 pcs
L	9330P	120 pcs / pack	360 pcs
M	9850AP	30 pcs / pack	360 pcs
N	9855AP	30 pcs / pack	360 pcs
O	9855BP	30 pcs / pack	360 pcs
P	9900P	50 pcs / pack	2000 pcs
Q	9480P	12 pcs / pack	360 pcs
R	9800P	15 pcs / pack	360 pcs
S	9805TP	15 pcs / pack	360 pcs
T	2210TP	20 pcs / pack	480 pcs
U	9460P	12 pcs / pack	120 pcs
V	9375P	20 pcs / pack	120 pcs

NOTICE: Please contact our Export Sales Dept to check the cost for the realization of the padprint

CUSTOMISATION
EMBOSSING

A	B	C	D	E	F

G	H				

	Code:	Pack:	Minimum order:
A	9300PR	12 pcs / pack	1080 pcs
B	9301PR	12 pcs / pack	1080 pcs
C	9302PR	12 pcs / pack	1080 pcs
D	9305PR	12 pcs / pack	1080 pcs
E	9306PR	12 pcs / pack	1080 pcs
F	9307PR	12 pcs / pack	1080 pcs
G	9310PR	22 pcs / pack	990 pcs
H	9315PR	22 pcs / pack	990 pcs

NOTICE: Please contact our Export Sales Dept to check the cost for the realization of the printing mould

Small detail **BIG** DIFFERENCE

INSECT CONTROL

4NSECTS

A GLUE TRAP FOR COCKROACHES

WITH ATTRACTANT TABLETS

This glue trap is made of plastic coated cardboard that is easily folded to form a little "hut". The inside base is covered with an even layer of non-toxic glue; the new 4insects version comes with a food attractant tablet already positioned at the centre of the glued base.

Thanks to its compact size, FLY005 can be placed under working tables, refrigerators, ovens, washing basins and kitchens, to progressively and continuously catch Oriental cockroaches (*Blatta orientalis*), German cockroaches (*Blattella germanica*), etc. as well as to correctly monitor and control the presence of crawling insects.

TECHNICAL DATA

Material: Plastic coated cardboard
Lure: Food attractant tablet
Dimensions: 200 x 100 x h 25 mm

Code:	Pack:	Carton:
FLY005	10 pcs / pack	200 pcs / carton

4INSECTS

A 4INSECTS CHECK TRAP

This brand new diamond shaped glue trap is made of resistant cardboard, with winged edges to protect the glue from dust. It is the ideal solution for the catch of flying insects in food processing and storage areas. The pheromone lure is not included.

Code:	Pack:	Carton:
HPR1106	5 pcs / pack	75 pcs / carton

CONTACT OUR EXPORT SALES DEPT TO HAVE INFO ON THE WIDE RANGE OF PHEROMONES

FL**Dust**BUSTER®

IRRESISTIBLY ATTRACTIVE

A FLYBUSTER PROFESSIONAL

Flybuster Professional is a trap designed to mass control a variety of fly species. Recommended for use in outdoor areas for the perimeter protection of livestock farms, pastures, parking lots, wide areas, etc.

The bait supplied in the new dust formulation is an attractant mixture made from fermented yeasts. It is a patented, one-of-a-kind product that attracts flies 10 times more than standard fly traps on the market. The Flybuster trap has six cones along the circumference so that flies can enter but cannot exit. The trap is amazingly effective and produces instant results.

* Each kit includes: 1 bucket, 1 lid, 6 cones, 1 bottle with 240 gr of Flybuster dust.

Code:	Pack:	Carton:
HPRFLY020D	1 kit / pack *	---

SPARES:

Code:	Description:	Pack:	
HPRFLY030D	Flybuster dust attractant - 240 gr bottle	1 pc / pack	---

NEW

A FLYBUSTER TRAP GREEN TOP

New trap for the control of flies and Diptera, made up of a plastic bag and 40 gr of the innovative and highly attractive FLYBUSTER soluble dust. To activate the trap, simply remove the green cap, pour the dust into the bag and add 600/700 ml of water. Lured by the scent, flies will enter the trap through the top cap and drown in the water. It is intended for use outdoors, for the protection of industries, livestock farms and warehouses in general.

* Each kit contains 6 complete traps, made up of 6 Green Top Traps and 6 bags of Flybuster Dust (40 gr each).

Code:	Pack:	Carton:
HPRFLYTRAP	1 kit / pack *	---

B FLY GLUE PAPER IN ROLL

Large roll of sticky paper used to catch flying insects, recommended to control flies in structures such as cowsheds, milking parlours, pigsties, etc. The system is based on a combination of coatings and fluorescent colours that are particularly attractive for flies. Noflytrap is very effective in both dark and light places.
Each roll comes with a dedicated metallic hanger.

TECHNICAL DATA
Lenght: 9 mt
Width: 30 cm

Code:	Pack:	Carton:
HPR9006	1 pc / pack	---

NEW

C FLY GLUE PAPER IN SMALL ROLL

Small paper roll ideal for the control of flies at home. Ready to use and disposable. Hang the trap in areas of high fly activity and simply unroll the glue paper. It remains effective for months.

TECHNICAL DATA
Material: paper with glue
Length: 70 cm
Width: 50 mm

Code:	Pack:	Carton:
HPR9008	12 pcs / pack	---

D FLY GLUE STRING

This 400 mt long glue coated plastic string is mounted on a robust reel and comes fully equipped for suspending in animal sheds, animal farms, horse stables, silos, etc. The reel is designed to be mounted at ceiling height. Flies land on the string and get caught in the sticky glue. It is extremely effective and can catch up to 500 flies per linear meter.
Once installed, it is an easy task to replace the spare reel (HPR9019) and continue catching flies all season long.
1 kit includes: 1 hanging bracket, 1 spare reel (400 mt), 1 empty reel, pulleys and fixing screws.

Code:	Pack:	Carton:
HPR9016	1 pc / pack	---
HPR9019	1 pc / pack	---

ECO INSECT

INSECT

A   WASP TRAP PRO

This trap is designed for the mass control of wasps in outdoor areas and is made of sturdy, shock resistant two-colour plastic, with a yellow base and a transparent body. It has one entrance hole in the base.
The liquid attractant mod. FLY016 (not included) must be poured in the base and contains wasps pheromones.
Hang the traps outdoors far from the area to be protected, at a height of about 1.5 metres, so that it can easily be inspected. The traps should preferably be hung in ventilated areas, so that the wasp can reach the attractant by following the scent.
If the traps are hung too close to inhabited areas, the number of wasps in the area would increase.

Code:	Pack:	Carton:
HPRFLY015	1 pc / pack	---

B   WASP TRAP BASIC

Robust and weatherproof wasp trap for outdoor use, designed with long service life in mind.
The trap has an inverted funnel entrance in the yellow polyethilene base and a highly transparent top in polycarbonate
Simply pour the liquid lure HPRFLY016 (not included) in the base to catch several species of wasps.
Suitable to protect outdoor areas such as patios, food kiosks, food storage and processing areas, etc.
S-shaped metal hook included.

Code:	Pack:	Carton:
HPRFLY017	1 pc / pack	---

C   ATTRACTANT FOR WASPS

Food and pheromone based attractant for *Vespidae*.
In practical 250 ml bottle, it is ready to use and does not need any dilution. Can be used inside the wasp traps models HPRFLY015 and HPRFLY017. Tamper-resistant cap to protect children from accidental ingestion.

Code:	Pack:	Carton:
HPRFLY016	1 pc / pack	---

RED PALM WEEVILS

A XLURE CHECK POINT RF

Check Point is a plastic trap that is ideal for the outdoor monitoring of *Rhynchophorus ferrugineus* (red palm weevil). Water must be introduced inside the transparent plastic bucket in order to detain the insect once it is caught.

Aggregation pheromone specifically for *Rhynchophorus ferrugineus* can be placed at the centre of the lid. While searching for an effective palm treatment method, monitoring this insect is a valid method to quickly spot the presence of an infestation in a determinate place and to evaluate if the corrective actions taken on the palm trees (cutting down the tree, chemical treament) have been successful.

In Asian regions, where this insect comes from, mass trapping strategies using these pheromones are taking place.

The trap must be covered by a net so that the red palm weevil can climb into the trap.

The pack includes:
- 1 bucket trap
- 1 pheromone
- 1 net

Code:	Pack:	Carton:
HPR1041	1 pc / pack	---

B PHEROMONE FOR RED PALM WEEVIL

Rhylure is an aggregation pheromone for the *Rhyncophorus ferrugineus* (red palm weevil).

It comes in small plastic slow-release bags. It is used throughout the world for the monitoring and mass trapping of these insects.

Rhylure is a pheromone dispenser that is used inside traps to quickly determine if palm trees are infested by red palm weevils and consequently take the necessary measures to limit the infestation and the development of this insect.

Code:	Pack:	Carton:
HPR2310	1 pc / pack	---

BROWN MARMORATED STINK BUGS

C BROWN MARMORATED STINK BUG KIT

Dedicated trap for monitoring and catching *Halyomorpha halys* (brown marmorated stink bug). The double-sided glue trap is in plastic and has a grid on one side; the kit is completed by a specific pheromone for the control of this pest.

TECHNICAL DATA
Trap dimensions: 25 x 10 cm

Code:	Pack:	Carton:
HPR1035	1 pc / pack	---

D PHEROMONE FOR BROWN MARMORATED STINK BUG

This pheromone has been specifically developed to control *Halyomorpha halys*. To be combined with the double-sided glue trap in plastic mod HPR1035.

TECHNICAL DATA
Duration: Approx. 6 weeks
Coverage: 50 mq

Code:	Pack:	Carton:
HPR1094	1 pc / pack	---

ECO INSECT

FRUIT FLIES

A FRUIT FLY TRAP

New professional product for the control of fruit flies.
The conical trap design attracts the fruit flies and won't let them escape; the special design also prevents the solution from escaping the trap if dropped or tipped upside down.
Adhesive backed holder (HPR1129 - sold separately) allows you to trap fruit flies anywhere.
The traps are clear to let you know it is working.Lure solution works effective for 30 days.

TECHNICAL DATA
Dimensions: 840 x 240 x 290 mm

Code:	Pack:	Carton:
HPR1128PRO	1 pc / pack	---

B FRUIT FLY TRAP HOLDER

Adhesive backed holder to hang the fruit fly trap mod. HPR1128PRO
Perfect for hanging the trap anywhere and in any preferred position: upside down, in vertical, sideways etc.
It also allows a fast and easy trap substitution with a simple sliding movement.

Code:	Pack:	Carton:
HPR1129	1 pc / pack	---

C FRUIT FLY TRAP

New product for the control of fruit flies.
It features a food-grade, non-toxic luring solution which draws fruit flies into the trap where they can't escape; the system allows fruit flies to enter the trap but is too narrow for the flies to escape.
The package comes with 6 individual fruit fly traps backed with a double-sided adhesive, so they can be hanged anywhere.

Code:	Pack:	Carton:
HPR1128	6 pcs / pack	---

A   CIMEX QUICK RESPONSE KIT PRO

Bed bug monitoring kit. The trap is the result of indepth studies by Canadian researchers leading to the creation of an innovative integrated system capable of simulating the identical conditions of the human body. This active monitoring system ensures the best attainable results. Suitable for bed bug control in hospital beds, hotels, hostels, campsites, caravans, campers, ships, vessels in general, trains, airplanes, taxis, coaches, cinemas, theatres, etc.

Made with high tech, ultra efficient components, the kit consists in a plastic trap (mod. HPR1124) designed to hold a glue tray (mod. HPR1125). The perimeter of the trap is undulated and coated with rubbery film reproducing the texture of human skin, so the insects can easily crawl up into the trap. Another component of the kit is a special carbon dioxide generator made of plastic and divided into three compartments in which to place special tablets and a vial containing activator powder that triggers the fermentation process producing CO_2.

The heat pad included in the kit will bring the temperature inside the trap to about 37°C for over 6 hours, reproducing human body temperature.

Attracted by the simulated human conditions, the bed bugs will crawl into the trap and get stuck in the glue tray and operators will be able to detect the presence of the pests.

The mod. HPR1122PRO KIT includes:
      1 complete trap (MOD. HPR1124) with glue tray
      2 spare glue trays (MOD. HPR1125)
      1 carbon dioxide generator (6 hours)
      1 activator powder vial
      1 heat pad (6 hours)
      Instructions for use (English, French, Spanish languages)

Code:	Pack:	Carton:
HPR1122PRO	1 kit / pack	---

B   CIMEX QUICK RESPONSE KIT

Bed bug monitoring kit. The trap is the result of indepth studies by Canadian researchers leading to the creation of an innovative integrated system capable of simulating the identical conditions of the human body. This active monitoring system ensures the best attainable results. Suitable for bed bug control in hospital beds, hotels, hostels, campsites, caravans, campers, ships, vessels in general, trains, airplanes, taxis, coaches, cinemas, theatres, etc.

Made with high tech, ultra efficient components, the kit consists in a plastic trap (mod. HPR1124) designed to hold a glue tray (mod. HPR1125). The perimeter of the trap is undulated and coated with rubbery film reproducing the texture of human skin, so the insects can easily crawl up into the trap. Another component of the kit is a special carbon dioxide generator made of plastic and divided into three compartments in which to place special tablets and a vial containing activator powder that triggers the fermentation process producing CO_2.

The heat pad included in the kit will bring the temperature inside the trap to about 37°C, reproducing human body temperature.

Attracted by the simulated human conditions, the bed bugs will crawl into the trap and get stuck in the glue tray and operators will be able to detect the presence of the pests.

The mod. HPR1122 KIT includes:
      1 complete trap (MOD. HPR1124) with glue tray
      2 spare glue trays (MOD. HPR1125)
      1 carbon dioxide generator (4 hours)
      1 activator powder vial
      1 heat pad (4 hours)
      Instructions for use (English, French, Spanish languages)

Code:	Pack:	Carton:
HPR1122	1 kit / pack	---

A CIMEX QUICK RESPONSE REFILL PRO

Special refill kit for reuse of the mod. HPR1122PRO bed bug monitoring trap.
The mod. HPR1123PRO refill contains:
    1 carbon dioxide refill (6 hours)
    1 activator powder vial
    1 heat pad (6 hours)
    1 glue tray
Instructions for use (English, French, Spanish languages)
A mod. HPR1123PRO refill kit combined with a mod. HPR1122PRO QUICK RESPONSE KIT PRO are suitable for two monitoring operations.

Code:	Pack:	Carton:
HPR1123PRO	1 kit / pack	---

B CIMEX QUICK RESPONSE REFILL

Special refill kit for reuse of the mod. HPR1122 bed bug monitoring trap.
The mod. HPR1123 refill contains:
    2 carbon dioxide generators (4 hours)
    2 activator powder vials
    2 heat pads (4 hours)
Instructions for use (English, French, Spanish languages)
One piece of mod. HPR1123 refill kit combined with one mod. HPR1122 QUICK RESPONSE KIT are suitable for three monitoring operations.

Code:	Pack:	Carton:
HPR1123	1 kit / pack	---

C CIMEX GLUE TRAP

Special plastic trap designed to hold a glue tray (mod. HPR1125). The perimeter of the trap is undulated and coated with rubbery film reproducing the texture of human skin, so the insects can easily crawl up into the trap.
Suitable for bed bug control in hospital beds, hotels, hostels, campsites, caravans, campers, ships, vessels in general, trains, airplanes, taxis, coaches, cinemas, theatres, etc.
A replaceable glue tray (mod. HPR1125) is fitted inside the trap. The trap can be transformed from "passive" to "active" with a carbon dioxide generator and the accessories included in the mod. HPR1123 refill kit.

Code:	Pack:	Carton:
HPR1124	1 pc / pack	---

D CIMEX GLUE TRAY REFILL

Special glue tray that fits inside the mod. HPR1124 trap.
The tray is made of transparent thermoformed material and has glue on the bottom to catch bed bugs.
A special lip on a corner of the trap makes it easy to remove the tray.

Code:	Pack:	Carton:
HPR1125	8 pcs / pack	---

A CIMEX MATTRESS TRAP

Special adhesive trap made of plastic, used to detect the presence of bed bugs in mattresses, armchairs and sofas. Owing to its compact shape and especially to its thinness, it can be placed under mattresses and cushions without creating bulks. The trap is made of plastic and has an adhesive strip to capture pests.
The perimeter of the base is coated with spongy material, so bed bugs can easily crawl up into the trap.
Sold in 4-piece packs, the trap is disposable and does not contain a lure.
Thanks to its discreet shape, it can also be left in monitoring points occupied by people.
Suitable for bed bug control in hospital beds, hotels, hostels, campsites, caravans, campers, ships, vessels in general, trains, airplanes, taxis, coaches, cinemas, theatres, etc.

8 mm

Code:	Pack:	Carton:
HPR1126	4 pcs / pack	---

B CIMEX MONITOR TRAP

This special large tray is an absolute novelty on the international market. It is the result of extensive studies and allows operators to monitor beds or other areas plagued by bed bugs. Made of sturdy plastic, the tray is smooth, with the exception of two special slides coated with rubbery material so bed bugs can easily crawl up into the trap.
The tray is therefore divided into three special sections:
    1. the first is large and is fitted under bed posts or furniture legs
    2. the second is located around the perimeter of the tray and captures bed bugs crawling down from the bed
    3. the third is also located around the perimeter of the tray and captures bed bugs coming from the floor.
The operator can therefore easily discover whether the bugs are coming from the bed or from the floor and can decide which treatment to opt for.
The trap can also be used together with the mod. HPR1122 QUICK RESPONSE KIT.

Code:	Pack:	Carton:
HPR1127	4 pcs / pack	---

C CIMEX DISSOLVABLE LAUNDRY BAG

Special water soluble bag for use in any bed bug management program.
Very effective tool for combating the spread of bed bugs.
The infested linens or clothing are safely carried to the laundry machine with no risk of transferring the infestation.
The bag will safely dissolve in water inside the washing machine.

Code:	Pack:	Carton:
HPRBAG	3 pcs / pack	---

INSECT

105

A HALFMOON INSECT STATION

Plastic trap used to create permanent monitoring stations for crawling insects.
Unique on the market, this trap has a special holder for pheromone or food attractant tablets.
It can be used together with a cardboard glue trap (mod 9530) or as a bait station by placing a few drops of gel insecticide inside.
By attaching it to rodent bait station model 9330 (black colour), it becomes a product that simultaneously monitors both rodents and crawling insects.

TECHNICAL DATA
Content: 12 traps + 12 glue boards
Material: Polypropylene
Colour: Transparent
Dimensions: 85 x 140 x h 15 mm

Code:	Pack:	Pallet:
9220	12 pcs / pack	2400 pcs / pallet

B GLUE BOARD

Glue board used to catch and monitor crawling insects. It can be used with the mod. 9220 trap and with any stations for catching silverfish (*Lepisma*) and barklouse (*Psocoptera*).

TECHNICAL DATA
Dimensions: 50 x 60 mm

Code:	Pack:	Carton:
9530	20 pcs / pack	1600 pcs / carton

C ATTRACTANT TABLETS FOR COCKROACHES

Food attractant tablets for cockroaches, for use with glue traps.
Packed in a practical blister containing 10 tablets.

TECHNICAL DATA
Lure: Food attractant

Code:	Pack:	Carton:
1009	10 pcs / pack	---

A   ADHESIVE BARRIER TAPE

A multiple-use adhesive barrier tape for temporary quarantine, pest monitoring and product protection. Effective against crawling insect pests. It acts as a barrier tape which isolates suspected and infested product. It is a chemical free protection ideal for food storage, production and handling areas. There are 18 metres on every roll, with a width of 30 cm. Thanks to red stripes, it is clearly visible to operators. It can be easily cut to desired length and shape.

Ideal for use as a temporary monitor trap and entry barrier; specific pheromones can also be positioned directly on the glue. It is a poison free product and can be safely used in food industries.

TECHNICAL DATA
Lenght: 18 m
Width: 300 mm

Code:	Pack:	Carton:
FLY008	1 pc / pack	---

A BAIT STATION FOR COCKROACHES

Special plastic container designed to hold cockroach insecticide gel.
The bait station has a fixing adhesive on the base. It can safely be used anywhere - on floors, counters, shelves, etc. of public and private buildings as well as in food companies and in HACCP-regulated environments.
It has a hole on the top so that operators can insert the gel with a bait gun without the risk of leakage. Once the gel has been inserted, the trap is activated by simply twisting the upper part so that the slits open and the cockroaches can enter.

TECHNICAL DATA
Material: Plastic
Colour: White
Dimensions: 60 x 60 x h 20 mm

Code:	Pack:	Carton:
DVD001	20 pcs / pack	120 pcs / carton

B BAIT STATION FOR ANTS

Special plastic container designed to hold ant gel insecticide.
The bait station has a fixing adhesive on the base. It can safely be used anywhere - on floors, counters, shelves, etc. of public and private buildings as well as in food companies and in HACCP-regulated environments.
It has a hole on the top so that operators can insert the gel with a bait gun without the risk of leakage. Once the gel has been inserted, the trap is activated by simply twisting the upper part so that the slits open and the ants can enter.

TECHNICAL DATA
Material: Plastic
Colour: Green
Dimensions: 60 x 60 x h 20 mm

Code:	Pack:	Carton:
DVD005	20 pcs / pack	120 pcs / carton

A FREE STANDING UV LIGHT FLY TRAP 8 WATT

Armadilha 15 is a UV light insect trap ideal for small environments up to 15 m². Made of durable plastic, this unit comes with a 8 Watt tube that lasts up to 9000 hours. The glue board is discretely placed out of sight. Armadilha is easy to install, easy to service, safe to use and free standing. The unit is designed for indoor use only. It is the ideal solution for small areas such as offices, cafés, restaurants, shops etc; it also recommended for environments subject to HACCP.

TECHNICAL DATA
Coverage: 15 sqm
Protection: IP20
UV tubes: 1 x 8 Watt
Power supply: 220 V
Trap material: Black / White plastic
Dimensions: 140 x h 280 mm
Weight: 1,00 kg

Code:	Pack:	Pallet:
ARMA15	1 pc / pack	---

IP21 PROTECTION

A   UV LIGHT FLY TRAP 30WATT IP21

I-trap 50 comes with two 15 Watt shatterproof tubes and can be mounted onto the wall, to protect areas between 50-80 m².
The transparent front grid offers discretion and improved efficacy. The glue board is discretely placed behind the lamp. I-Trap 50 offers 30% improved performance over conventional units due to its unique attraction grid, which reflects the light onto the landing spot thereby stimulating the landing behaviour of flying insects.
Thanks to its nice design, it is recommended for use not only in dry industrial environments but also in cafés, restaurants and shops.

TECHNICAL DATA
Coverage: 50/80 sqm
Protection: IP21
UV tubes: 2 x 15 Watt Shatterproof
Glue board dimensions: 230 x 420 mm
Power supply: 220 V
Trap material: Steel and plastic
Dimensions: 470 x 100 x h 330 mm
Weight: 4,00 kg

Code:	Pack:	Pallet:
I-TRAP50	1 pc / pack	---

B   UV LIGHT FLY TRAP 30WATT IP21

With its revolutionary design , Flex-trap 100E comes with two 15 Watt shatterproof tubes to protect areas between 100-120 m². The unit can be mounted in multiple positions onto the wall or the ceiling or even free standing. The Flex-trap 100E has a stainless steel front grid, with the housing made of durable ABS plastic and white powder coated steel. Once the insects enter the Flex-trap, they are effectively controlled by a centrally placed glue board. 2 units can be linked up (back to back) by means of an optional interlink cable. Flex-Trap 100 offers 30% improved performance over conventional units due to its unique attraction grid, which reflects the light onto the landing spot thereby stimulating the landing behaviour of flying insects.
It is recommended for use in professional and industrial environments subject to HACCP; however, with its nice design, it can also be used in cafés, restaurants and shops.

TECHNICAL DATA
Coverage: 100/120 sqm
Protection: IP21
UV tubes: 2 x 15 Watt Shatterproof
Glue board dimensions: 215 x 345 mm
Power supply: 220 V
Trap material: Stainless steel, plastic and enamelled steel
Dimensions: 570 x 160 x h 220 mm
Weight: 5,00 kg

Code:	Pack:	Pallet:
FLEXTRAP100E	1 pc / pack	---

ECO INSECT

A **UV LIGHT TRAP 30WATT IP21**

With its compact design, XTRAP is the ideal solution for professional and industrial environments subject to HACCP. It comes with two 15 Watt shatterproof tubes. Insects can access the trap from several points (front, side, top and bottom); once they enter, they are effectively controlled by a centrally placed glue board. The unit is easy to install and can be wall mounted.

TECHNICAL DATA
Coverage: 80/120 sqm
Protection: IP21
UV tubes: 2 x 15 Watt Shatterproof
Glue board dimensions: 230 x 420 mm
Power supply: 220 V
Trap material: Steel and plastic
Dimensions: 538 x 103 x h 311 mm
Weight: 4,50 kg

Code:	Pack:	Pallet:
XTRAPSH	1 pc / pack	---

INSECT

A STAINLESS STEEL UV LIGHT FLY TRAP 15WATT IP21

Insect light glue trap entirely made of stainless steel, with one 15W UV shatterproof tube and a wide glue board.
Attractive wall-mounted unit disguised as a wall light, it is the perfect solution for areas where fly control should be discreet, such as bar, restaurants, offices, etc

TECHNICAL DATA

Coverage:	60 sqm
Protection:	IP21
UV tube:	1 x 15 Watt shatterproof
Glue board dimensions:	460 x 165 mm
Power supply:	220 V
Trap material:	Stainless steel
Dimensions:	480 x 185 x h 275 mm
Weight:	2,00 kg

| Code:	Pack:	Pallet:
APPLIQUE15	1 pc / pack	---

A   WHITE UV LIGHT FLY TRAP 30WATT IP21

Insect light glue trap entirely made of bush-hammered white sheet iron, with two 15W UV fluorescent tubes, standard or shatterproof on request. This light trap is easy to clean and inspect and is suitable for 80-120 square metre areas. Its trapezoid-shaped design offers an excellent balance between function and aesthetics. It can be fixed to the wall from the little slots in the back or to the ceiling with the chains and S-shaped hooks (included). This large trap allows food businesses to control flying insects in their premises, in compliance with HACCP standards.

TECHNICAL DATA
Coverage: 80/120 sqm
Protection: IP21
UV tubes: 2 x 15 Watt
Glue board dimensions: 345 x 465 mm
Power supply: 220 V
Trap material: Stove-enamelled steel
Colour: White
Dimensions: 480 x 350 x h 150 mm
Weight: 4,30 kg

Code:	UV Tube:	Pack:	Pallet:
30P	Standard	1 pc / pack	---
30PSH	Shatterproof	1 pc / pack	---

B   STAINLESS STEEL UV LIGHT FLY TRAP 30WATT IP21

Insect light glue trap entirely made of stainless steel, with two 15W UV fluorescent tubes, standard or shatterproof on request. This light trap is easy to clean and inspect and is suitable for 80-120 square metre areas. Its trapezoid-shaped design offers an excellent balance between function and aesthetics. It can be fixed to the wall from the little slots in the back or to the ceiling with the chains and S-shaped hooks (included). This large trap allows food businesses to control flying insects in their premises, in compliance with HACCP standards.

TECHNICAL DATA
Coverage: 80/120 sqm
Protection: IP21
UV tubes: 2 x 15 Watt
Glue board dimensions: 345 x 465 mm
Power supply: 220 V
Trap material: Stainless steel
Dimensions: 480 x 350 x h 150 mm
Weight: 4,30 kg

Code:	UV Tube:	Pack:	Pallet:
30IN	Standard	1 pc / pack	---
30INSH	Shatterproof	1 pc / pack	---

A WHITE UV LIGHT FLY TRAP 36WATT IP21

Insect light glue trap entirely made of bush-hammered white sheet iron, with two 18W UV fluorescent tubes, standard or shatterproof on request. This light trap is easy to clean and inspect and is suitable for 150-200 square metre areas. Its trapezoid-shaped design offers an excellent balance between function and aesthetics. It can be fixed to the wall from the little slots in the back or to the ceiling with the chains and S-shaped hooks (included). This large trap allows food businesses to control flying insects in their premises, in compliance with HACCP standards.

TECHNICAL DATA
Coverage: 150/200 sqm
Protection: IP21
UV tubes: 2 x 18 Watt
Glue board dimensions: 345 x 615 mm
Power supply: 220 V
Trap material: Stove-enamelled steel
Colour: White
Dimensions: 640 x 350 x h 150 mm
Weight: 5,30 kg

Code:	UV Tube:	Pack:	Pallet:
36P	Standard	1 pc / pack	---
36PSH	Shatterproof	1 pc / pack	---
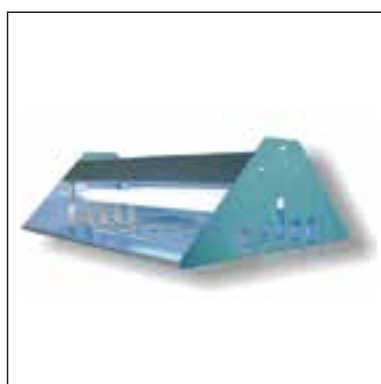
B STAINLESS STEEL UV LIGHT FLY TRAP 36WATT IP21

Insect light glue trap entirely made of stainless steel, with two 18W UV fluorescent tubes, standard or shatterproof on request. This light trap is easy to clean and inspect and is suitable for 150-200 square metre areas. Its trapezoid-shaped design offers an excellent balance between function and aesthetics. It can be fixed to the wall from the little slots in the back or to the ceiling with the chains and S-shaped hooks (included). This large trap allows food businesses to control flying insects in their premises, in compliance with HACCP standards.

TECHNICAL DATA
Coverage: 150/200 sqm
Protection: IP21
UV tubes: 2 x 18 Watt
Glue board dimensions: 345 x 615 mm
Power supply: 220 V
Trap material: Stainless steel
Dimensions: 640 x 350 x h 150 mm
Weight: 5,30 kg

Code:	UV Tube:	Pack:	Pallet:
36IN	Standard	1 pc / pack	---
36INSH	Shatterproof	1 pc / pack	---

A WHITE UV LIGHT FLY TRAP 72WATT IP21

Insect light glue trap entirely made of bush-hammered white sheet iron, with two 36W UV fluorescent tubes, standard or shatterproof on request. This light trap is easy to clean and inspect and is suitable for 200-280 square metre areas. Its trapezoid-shaped design offers an excellent balance between function and aesthetics. It can be fixed to the wall from the little slots in the back or to the ceiling with the chains and S-shaped hooks (included). This large trap allows food businesses to control flying insects in their premises, in compliance with HACCP standards.

TECHNICAL DATA
Coverage: 200/280 sqm
Protection: IP21
UV tubes: 2 x 36 Watt
Glue board dimensions: 345 x 615 mm
Power supply: 220 V
Trap material: Stove-enamelled steel
Colour: White
Dimensions: 640 x 350 x h 150 mm
Weight: 5,30 kg

Code:	UV Tube:	Pack:	Pallet:
72P	Standard	1 pc / pack	---
72PSH	Shatterproof	1 pc / pack	---

B STAINLESS STEEL UV LIGHT FLY TRAP 72WATT IP21

Insect light glue trap entirely made of stainless steel, with two 36W UV fluorescent tubes, standard or shatterproof on request. This light trap is easy to clean and inspect and is suitable for 200-280 square metre areas. Its trapezoid-shaped design offers an excellent balance between function and aesthetics. It can be fixed to the wall from the little slots in the back or to the ceiling with the chains and S-shaped hooks (included). This large trap allows food businesses to control flying insects in their premises, in compliance with HACCP standards.

TECHNICAL DATA
Coverage: 200/280 sqm
Protection: IP21
UV tubes: 2 x 36 Watt
Glue board dimensions: 345 x 615 mm
Power supply: 220 V
Trap material: Stainless steel
Dimensions: 640 x 350 x h 150 mm
Weight: 5,30 kg

Code:	UV Tube:	Pack:	Pallet:
72IN	Standard	1 pc / pack	---
72INSH	Shatterproof	1 pc / pack	---

ECO INSECT

## A STAINLESS STEEL UV LIGHT FLY TRAP 30WATT IP65

Insect light glue trap entirely made of stainless steel, with two 15W UV shatterproof tubes.
IP65 rated for dusty and wet environments, it is the ideal solution for areas where walls and equipment are required to be washed down such as slaughterhouses, meat and fish processing plants; but it can also be used in bars, restaurants, canteens, supermarkets, dairies, animal breeding farms, etc.
It can be fixed to the wall from the little slots in the back or to the ceiling with the chains and S-shaped hooks (included).

TECHNICAL DATA
Coverage: 80/120 sqm
Protection: IP 65
UV tubes: 2 x 15 Watt shatterproof
Glue board dimensions: 345 x 465 mm
Power supply: 220 V
Trap material: Stainless steel
Dimensions: 480 x 350 x h 150 mm
Weight: 4,30 kg

Code:	Pack:	Pallet:
30STIN65SH	1 pc / pack	---

B STAINLESS STEEL UV LIGHT FLY TRAP 36WATT IP65

Insect light glue trap entirely made of stainless steel, with two 15W UV shatterproof tubes.
IP65 rated for dusty and wet environments, it is the ideal solution for areas where walls and equipment are required to be washed down such as slaughterhouses, meat and fish processing plants; but it can also be used in bars, restaurants, canteens, supermarkets, dairies, animal breeding farms, etc.
It can be fixed to the wall from the little slots in the back or to the ceiling with the chains and S-shaped hooks (included).

TECHNICAL DATA
Coverage: 150/200 sqm
Protection: IP 65
UV tubes: 2 x 18 Watt shatterproof
Glue board dimensions: 345 x 615 mm
Power supply: 220 V
Trap material: Stainless steel
Dimensions: 640 x 350 x h 190 mm
Weight: 5,20 kg

Code:	Pack:	Pallet:
36STIN65SH	1 pc / pack	---

ECO INSECT
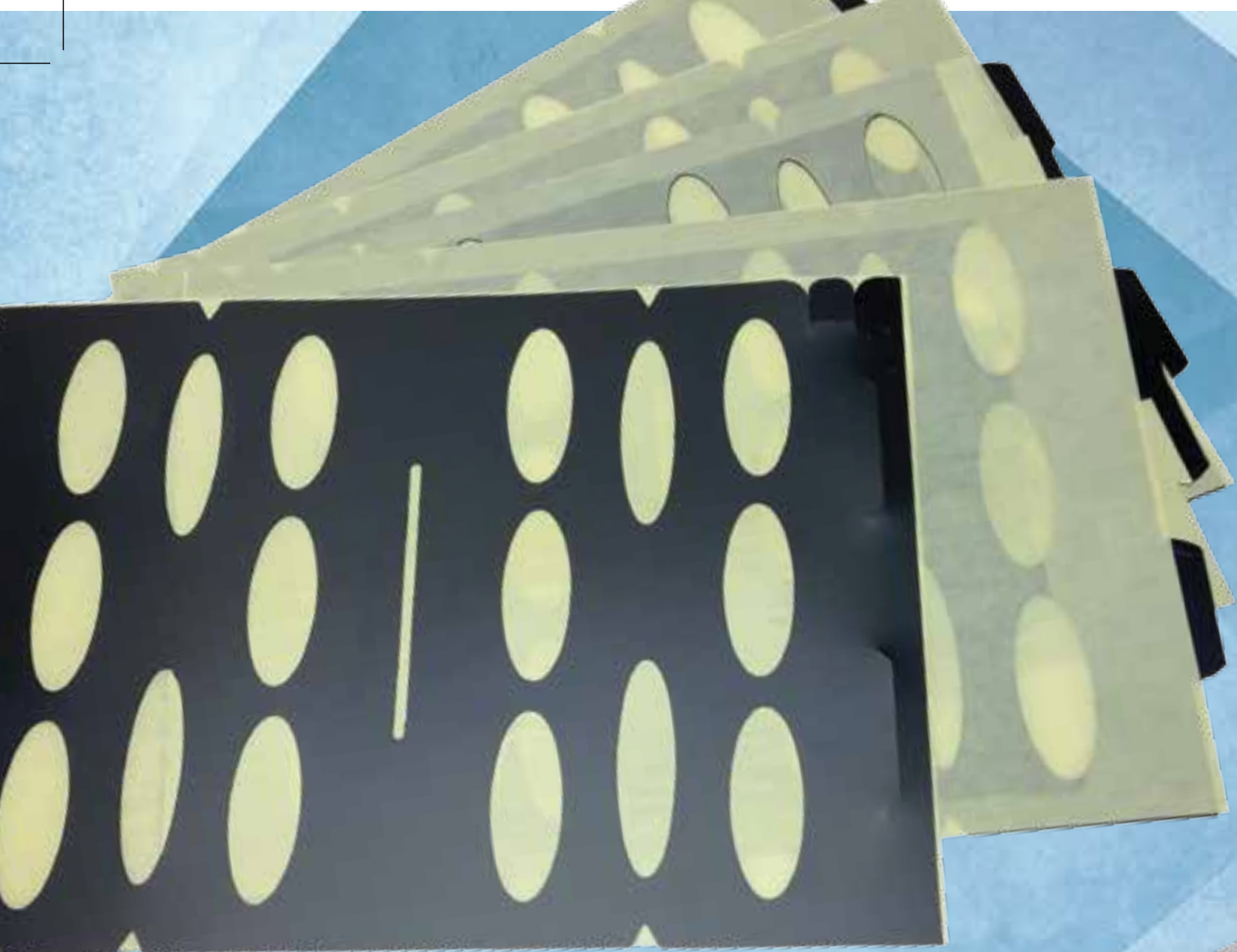
GLUEBOARDS

UV TUBES

CONTACT OUR EXPORT SALES DEPT TO REQUEST DETAILED INFO ON THE AVAILABLE SPARES.

Mosquitoes: their hours are numbered

Scheduled spraying with

PER~~FE~~TTO

IL SISTEMA ANTI - INSETTO

INSECT CONTROL SYSTEM

EQUIPMENT

ECO TECH 9
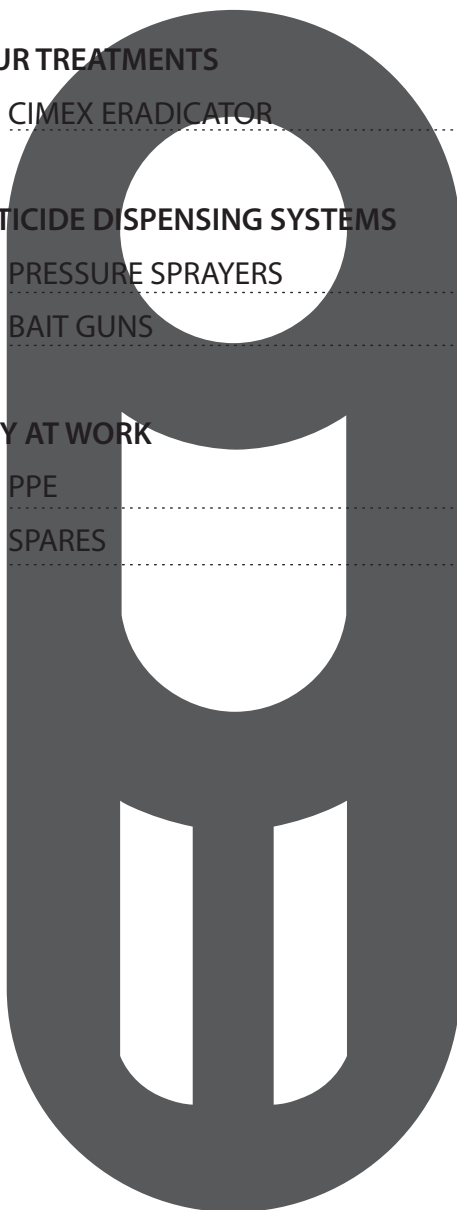
HEAT TREATMENTS FOR PEST INSECT CONTROL

Innovative, chemical-free, mobile methods of pest control, effective against pest insects through the targeted application of high temperatures. It heats up any infested premise at 50-55°C. At this temperature all life stages of insects, from eggs and larvae to adults, are killed.

The heat eradicates pests by denaturing the protein within their bodies and disrupting the waxy layers on the outside of the insect, causing dehydration.

The treatment zone is heated to eradicate pests, but not enough to cause any structural damage.

In order to treat all the possible critical environments, two different models have been developed:
• WARM-UP XL : ideal for big areas such as food industries, mills, pasta manufacturing plants, fodder factories, confectioneries, etc.
• WARM-UP : suitable for hotel rooms, public transportation, shipping containers, residential and care homes, etc.

WARM-UP XL and WARM-UP offer many advantages in comparison to the traditional chemical treatments:

1. Non toxic to human beings and foodstuffs
2. No residual side effects
3. Minimal business disruption – single, quick, efficient treatment solves pest problems
4. Treated areas can be re-used directly after the treatment
5. Highly suitable for plants that process biological products
6. Can be safely used in residential areas, without any special authorization and/or restrictions
7. Extremely versatile
8. Reaches all areas of an infestation without any fabric or structural damage

CERTIFIED UNDER
THE MACHINERY DIRECTIVE

C E (Ex) II 3D EX TC
III B 220° DC

A WARM-UP

The WARM-UP hot air system allows performing pest control in indoor environments by using the heat treatment technique.
It is ideal for hotel rooms, hospital rooms, cabins, private houses, trains, buses, motor homes, to name but a few.
WARM-UP guarantees 100% control of Bed Bugs (*Cimex lectularius*), without any use of chemical products.

Main features:
• Extremely light and easy to handle thanks to the structure in aluminium alloy
• Hot air flow can be oriented to the floor or to the ceiling
• Quadrangular air flow
• Target temperature is automatically kept
• Dedicated stowage compartment for the extension cord
• Special switch for polarity inversion
• Powerful fan with ATEX protection

TECHNICAL DATA
Voltage:	380 V
Frequency:	50 Hz
Fan power:	0,15 kW
Power consumption:	10,00 kW/h
Protection degree:	IP 55
Electric battery rows:	Nr. 1
Electric battery stages:	Nr. 1
Fan speed:	Nr. 1
Dimensions:	650 x 450 x 760 mm
Weight:	50 kg

Code:	Pack:	Pallet:
HOT3550	1 pc / pack	---

B WARM-UP WITH REMOTE CONTROL KIT

Advanced version of the model HOT3550 with an integrated system for remote control.
This special model of WARM-UP can be controlled from a distance; thanks to a dedicated App dowloaded on your mobile phone, you can easily interact with the machine, turning it on and off, monitoring its functioning, setting the temperature, etc.

Code:	Pack:	Carton:
HOT3550R	1 pcs / pack	---

C OPTIONAL DATA LOGGER

Optional USB system for recording and collecting data from WARM-UP XL and WARM-UP.

Code:	Pack:	Carton:
THP3660	1 pcs / pack	---

D OPTIONAL FOR HUMIDITY CONTROL

Optional tool for the control of humidity designed for WARM-UP XL and WARM-UP. Special application for monitoring and managing the humidity of the treated area; ideal for use in presence of wall papers, carpets, books, archives, libraries.

Code:	Pack:	Carton:
THP3670	1 pcs / pack	---

ECO TECH

A WARM-UP XL

The WARM-UP XL hot air system allows performing pest control in big indoor environments such as food industries, mills, pasta manufacturing plants, fodder factories, confectioneries, etc.

The number of units to be used for the treatment depends on the dimensions, volume and shape of the infested premises, and also on the kind of materials/equipment contained in the area .

The WARM-UP XL hot air system guarantees the total mortality of the insects, without any use of chemical products.

Main features:
• Ideal for the control of cereal pests
• Highly suitable for plants that process biological products
• Hot air flow can be oriented to the floor or to the ceiling
• Target temperature is automatically kept
• Dedicated stowage compartment for the extension cord
• Special switch for polarity inversion
• Powerful fan with ATEX protection

TECHNICAL DATA
Voltage:	380 V
Frequency:	50 Hz
Phases:	Nr. 3 + N
Fan power:	0,75 kW
Power consumption:	19,00 kW/h
Electric current :	28 A
Protection degree:	IP 55
Electric battery rows:	Nr. 1
Electric battery stages:	Nr. 1
Fan speed:	Nr. 1
Dimensions:	650 x 520 x 910 mm
Weight:	80 kg

Code:	Pack:	Pallet:
THP3500	1 pc / pack	---

B 380 V EXTENSION CABLE

Special 380V extension cable for current load higher than 10 kW. Available in 3 different sizes: 10, 20 and 30 metres.

Code:	Pack:	Pallet:
THP3710	10 m / pack	---
THP3720	20 m / pack	---
THP3730	30 m / pack	---

Trial carried out in an Italian poultry farm in December 2014 with WARM-UP XL as alternative to gas: total efficacy against *Dermanyssus gallinae*

INTRODUCTION

Dermanyssus gallinae [Fig. 1], is an ectoparasite that is widely distributed in poultry farms and poses a serious threat to birds used for meat and egg production. Chicken mites usually feed at night and spend from 60 to 90 minutes on the host. They hide in nests, cracks, crevices, and litter when they are not feeding. Aside from the egg, the chicken mite has four stages in its life cycle.

METHOD

The heat treatment trial was carried out with several WARM-UP XL machines [Fig.2] in an empty egg-laying hens farm, with a volume of 8400 cubic meters. Unlike ordinary gas fumigations, no keen sealing of the area is required by heat treatment; the main openings (that is side windows and ventilation fans) were closed with polyethylene (0.15 mm thickness).

10 automatic temperature data-loggers were used to check the temperature in different spots inside the farm; one of these detector was also capable of logging humidity.

2 additional data loggers of the same model were positioned as follows: one on the outside wall to check the external weather conditions and one in the room where the arthropods witnesses were kept.

In order to determine the insect control efficacy, 10 biological tests were put inside glass-tubes close to these 10 thermometers and divided as follows [Fig.3]:

    4 tubes with 10 adults of *D. gallinae* each (= 400 adults in total)
    4 tubes with 10 pupae of *Calliphora spp* each (= 400 pupae in total)
    400 adults of *D. gallinae* and 400 pupae of *Calliphora spp* were used as control

In addition, technicians made hand surveys of the material surfaces by means of infrared thermometers [Fig.4].

RESULTS

D. gallinae mortality was 100% after 24, 36, 48 hours of exposure and 99.75 % after 18 hours.

The mortality of *Calliphora spp* pupae was 100% after 18, 24, 36 and 48 hours [Fig. 5].

The control tests were kept at a standard temperature of 19.5° C and their mortality was 30% for the mites and 10% for the diptera.

Despite the rigid weather (average 5.5°C), the internal average temperature was over 50°C after 10-12 hours.

The humidity drastically decreased from 79.3% to 5.3% in the last hours of the treatment [Fig 6]. As demonstrated by a trial carried out in an Italian mill (see page 126), dehumidification leads to a strong reduction of microbiological presence in the air (moulds and bacteria).
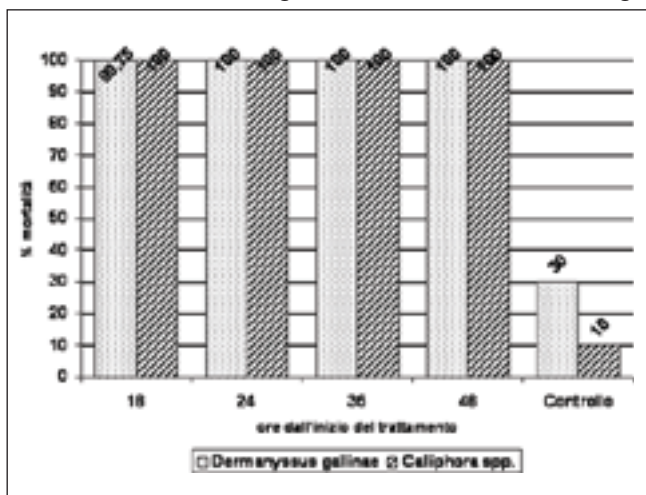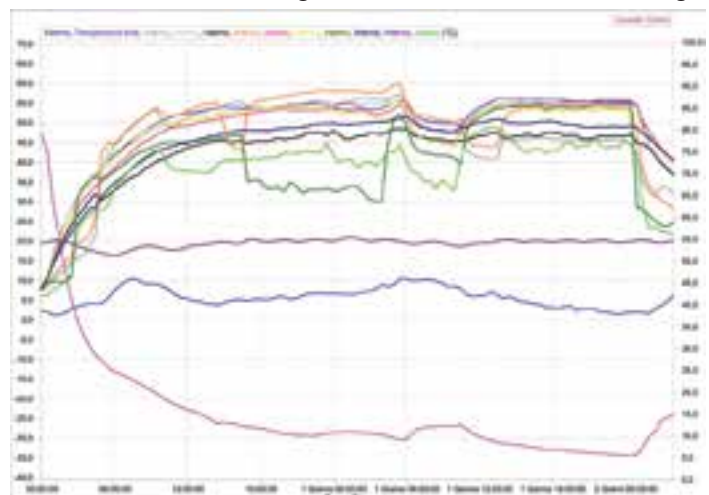

Fig.1

Fig.2

Fig.4

Fig.5

Fig.6

Trial carried out in an Italian mill in 2014 with WARM-UP XL as alternative to gas: total efficacy against all lifecycle stages of insects and good results for reduction of moulds and bacteria

INTRODUCTION

The progressive elimination of methyl bromide fumigation in food industries, also against egg stages, gave birth to the development of new technologies. Treatment with high temperatures (48-55°C) is for sure a safe and interesting solution, with an environmental impact close to zero and an economically viable investment. Heat treatments are extremely effective against all lifecycle stages of insects (eggs, larvae, pupae and adults).

METHOD

The trial was carried out in a mill with a volume of 7800 cubic meters with several WARM-UP XL machines [Fig.1]. 7 automatic temperature data-loggers [Fig.2] were used to check the treatment in the different departments and floors of the mill; one of these detector was also capable of logging humidity.

In addition, technicians made hand surveys of the material surfaces by means of infrared thermometers [Fig.3],

In order to determine the insect control efficacy, nr.18 biological tests [Fig.4] were used; 15 were positioned inside the premises and 3 outside as witness.

The tests were divided as follows:

    6 adults of *Sitophilus granarius*;
    6 adults of *Ephestia kuehniella*;
    6 adults of *Tribolium castaneum*;

and an undetermined number of eggs in the culture substrate.

RESULTS

The temperature of the treated area was increased from 25°C to a peak of 58.8 °C in approximately 6 hours, with an homogeneous average temperature of 52.8°C [fig. 5].

All the 15 insect tests died, while the mortality of the 3 witnesses was 0% at the end of the trial and 70% after 30 days [fig. 6].

The humidity of the treated mill decreased from 66.6% to 20% [fig. 5]. Two samples of air were taken (1 before and 1 after the heat treatment) by means of 2 Petri dishes prepared in an external laboratory [fig.7], to analyse the consequences of this dehumidification.

The values measured at the beginning were 1020 ufc/g for bacteria and 1500 ufc/g for moulds.

At the end of the trial, the premises were aired for over 10 hours and the air sample was taken; the values registered were 540 ufc/g for bacteria and 600 ufc/g for moulds, with a reduction of respectively 47.06% and 60% from the total values [fig.8].
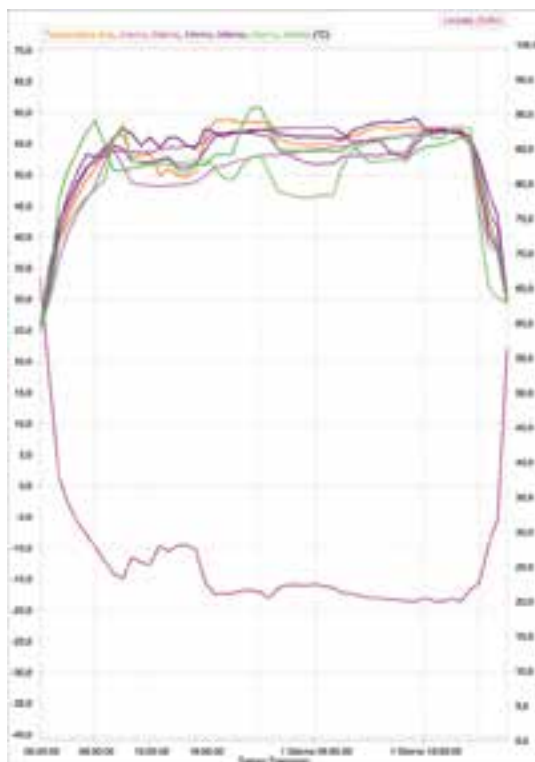

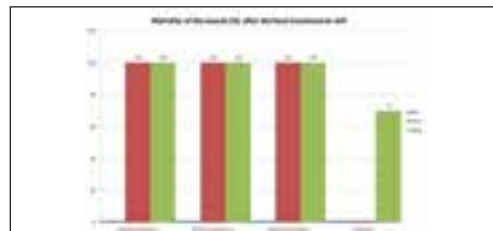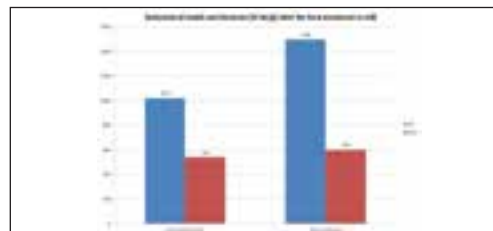Fig.1

Fig.2

Fig.3

Fig.4

Fig.5

Fig.7

Fig.6

Fig.8

PERFETTO

Pest control companies are increasingly being asked to deal with infestations of mosquitoes or other bloodsucking insects. People now have a very low tolerance for these insects. In the past, the mosquito species Aedes caspius and Culex pipiens were aggressive only in the evening hours but in recent years the Aedes albopictus, commonly known as the **Asian tiger mosquito**, is active and therefore a nuisance all day long.

Prevention and monitoring programmes lie at the base of mosquito control, but it is becoming more and more necessary to apply repellents or insecticides to eliminate adult mosquitoes escaping the anti-larval campaigns that have been conducted for some years now in the territory. Insecticides and repellents can be applied with the brand new system PERFETTO, 4th generation machine for automatic spraying, developed by HIPROCHEM and OSD after 6 years of research. Our Group was the first to introduce this product in the market (Mirabilandia amusement park 2008) and followed the path of development that led to the creation of a new generation of ultra high-tech machines.

PERFETTO is a small-size machine that protects large areas from mosquitoes, spraying liquid insecticides and/or repellents in outdoor areas infested by this pest. It is particularly suitable for areas that are not only plagued by Aedes caspius and Culex pipiens mosquitoes, which are usually active in the evening hours, but also by the *Aedes albopictus* (Asian tiger mosquito), which is active all day long.

This fully automatic spraying system is driven by a sophisticated software that controls two separate product spray channels. The machine can therefore use two different protection techniques – insecticide or repellent – or control two types of products depending on the spraying time.

This revolutionary system allows the use of two different products in water emulsion, with an incredibly high precision mixing capability.

The new PERFETTO technology calibrates the spray mixture from 0.3% up to 5%. The precision remains unaltered even in presence of viscous products, peculiar concentrations and high temperatures.

This last generation PERFETTO has two high-capacity tanks (3 and 5 litres) that allow a long-lasting working autonomy.

A total of 30 settings can be programmed daily. Exclusively developed for PERFETTO, the custom-designed software is capable of programming any type of daily settings for each of the two spray channels independently.

The new graphic display with 4 rows and 20 characters makes the programming easier and faster. PERFETTO is multilingual and has 6 simple keys (up/down +/- enter/return) for a quick and simple access to the menu and functions management.

Thanks to the last generation software, mixtures are prepared in advance, thus ensuring on-time treatments and more efficient circuits cleaning and pipes emptying before and after each session.

This reduces the need for ordinary maintenance work compared to the previous models produced and present on the market. Both internal (flow meters, pump, etc.) and external circuits (tubes, nozzles) are cleaned in order to prevent the nozzles from clogging caused by the mixture or by lime scale build-up.

1. Noozle at work.

2. Detail of installation (pipe with noozle).

3. Installation in an open-air theatre .

A   PERFETTO

The system can be installed anywhere - as long as it is set up correctly and runs at times when it is harmless to people (in case of use of chemicals) - so that people can enjoy green spaces without being bothered by insects.

PERFETTO can be used in a wide variety of places: home gardens, flower beds and borders, the perimeters of gazebos or verandas, the areas surrounding pools, spas, restaurant gardens, hotels, open-air bars, discothèques, farm holiday resorts, the mosquito-infested gardens and perimeters of apartment complexes, health care facilities or nursing homes, hospitals, theme parks, camp-grounds, vacation resorts, open-air theatres and other places where people congregate, especially along the coasts and in humid areas, where the presence of mosquitoes spoils the pleasure.

PERFETTO is the ideal solution for all those quite inaccessible areas where a regular pest control treatment cannot be easily carried out; it is also the perfect system to treat the typical infestation hotbeds such as stagnant water and basins.

PERFETTO consists of:
• A machine body inside a waterproof IP65 case with locking key
• A tank where the product is mixed
• A product calibration system
• A pump with maximum 18 Bar capacity
• A circuit made of top quality materials, capable of withstanding the most corrosive agents
• A programmable digital control unit with display
• An exclusive software, designed and implemented to ensure optimal performance of the machine.

Advantages of PERFETTO:
• An extensive circuit with up to 400 linear metres of spray pipes and up to 80 nozzles (optimal: 300 linear mt / 60 nozzles)
• Spray control with personalisation of the parameters, such as the pipe length, the number of nozzles, the type of product used, spraying time and intervals, internal circuit cleaning, external pipe and nozzle cleaning, warnings, etc
• Precise dosage of the product determined by the software and the calibration system
• Assessment and control of all events
• Notification of spraying irregularities
• Data storage

TECHNICAL DATA
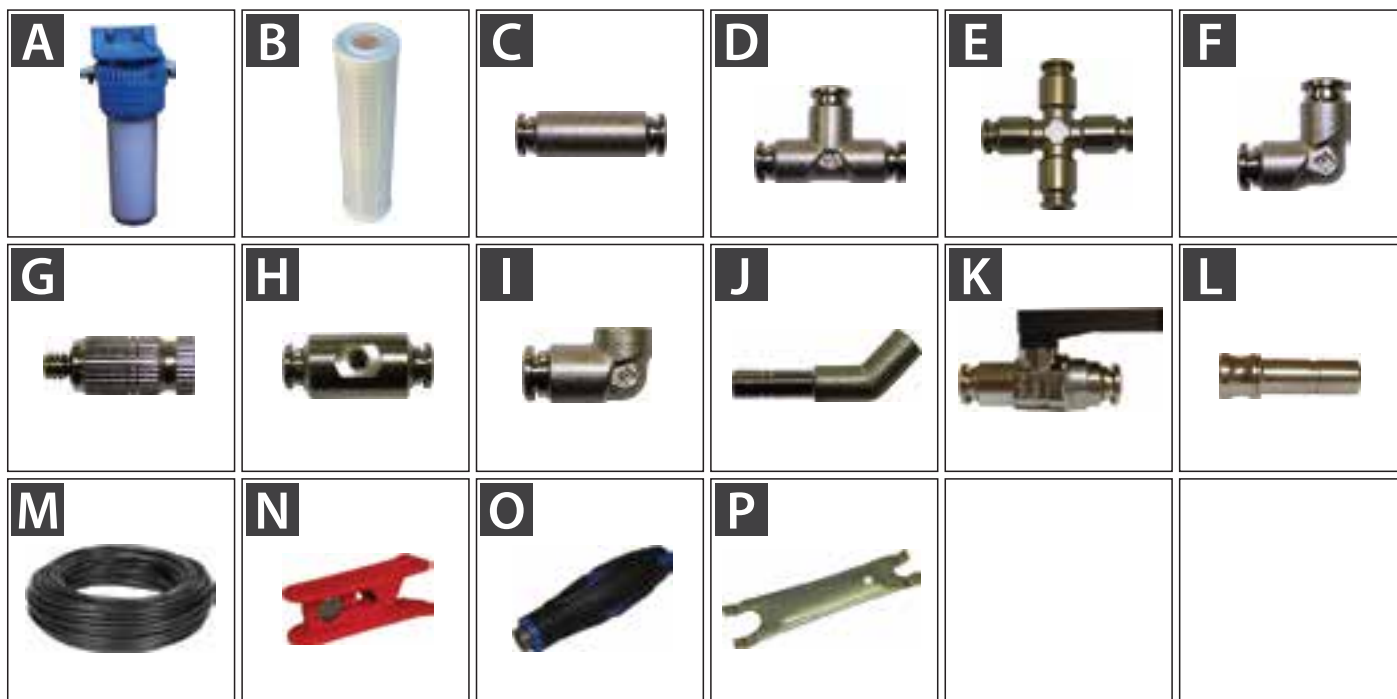Dimensions: 400 x 280 x h 65 mm
Weight: 35 kg

Code:	Pack:	Carton:
HPR2061	1 pc / pack	---

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P		

PERFETTO SPARE PARTS AND ACCESSORIES			
	Code:	Description:	Pack
A	HPR2062	Automatic filter unit for water purification complete of pipe	1 pc
B	HPR2063	Spare filter	1 pc
C	HPR2065	Straight quick- release nickel-plated connector for 1/4" pipe	5 pcs
D	HPR2067	T-shaped quick-release nickel-plated connector for 1/4" pipe	10 pcs
E	HPR2070	4 ways quick-release nickel-plated connector for 1/4" pipe	5 pcs
F	HPR2072	Elbow quick-release nickel-plated connector for 1/4" pipe	5 pcs
G	HPR2074	Nickel-plated threaded fog nozzle 30 micron	10 pcs
H	HPR2076	Straight nickel-plated quick-release connector for 1/4" pipe with nozzle junction	10 pcs
I	HPR2078	Threaded elbow quick-release terminal connector for 1/4" pipe with nozzle junction	5 pcs
J	HPR2080	45° nickel-plated quick-release adjustable accessory with nozzle junction	10 pcs
K	HPR2082	Straight quick-release nickel-plated connector with ball valve to close circuit for 6 mm pipe	1 pc
L	HPR2084	Terminal nickel-plated cap to close the circuit for 1/4" diameter pipe	5 pcs
M	HPR2088	1/4" polyethylene hose in black colour	100 m
N	HPR2085	Shears to cut 1/4" polyethylene hose	1 pc
O	HPR2087	Specific screwdriver for fog nozzle	1 pc
P	HPR2089	Special key to release the quick-release accessories	1 pc

ECO TECH

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Mosquito control trial by means of timed spraying system and rosemary based repellent

INTRODUCTION

The prevention of *Aedes albopictus* [Fig 1] infestation is usually made by treating mosquito breeding areas with larvicide products that inhibit the development of larvae. From 6 to 9 treatments are carried out between April and October; the main larvicide active ingredients used are diflubenzuron, pyriproxyfen, methoprene and *Bacillus thuringiensis*. In some circumstances, the infested areas are sprayed with mosquito adulticides containing synthetic pyrethroids. In the last years, a more biological approach is being preferred, in order to repel mosquitoes (*Aedes spp, Culex spp*) and reduce the environmental impact, that is: the use of essential oils.

An outdoor trial was carried out to test the repellent performance of rosemary. The treated area is an open air theatre with approximately 600 seats on the banks of an artificial lake with reduced water change; shows are usually performed in the late afternoon, when the presence of *Culex spp* is particularly high.

METHOD

The treatment was carried out with a formulation containing 50% of rosemary in glycolic solution [fig 2], diluted at 5% and distributed by means of a timed spraying system called Perfetto® [fig 3], that sprays a very fine mist of water and repellent solution. The equipment automatically draws water from the hydro-system and mixes it with the rosemary repellent in the inner tank; then it brings the solution through the tube positioned along the fence that separates the lake from the theatre gallery. The tube was 100 mt long and had 23 nozzles producing a 40 micron mist. The system was programmed to automatically spray a 120-second-mist twice a week, on Mondays and Tuesdays, at 7.30 pm [fig 4].

In order to check the efficacy of the repellent, 2 special insect traps were positioned on the same fence; they have Ti O2 coated lamps, a special suction fan and dedicated catch tray.

These traps were positioned on Friday evening; the number of caught mosquitoes was counted on Monday. Then in the evenings of Monday and Tuesday, the treatment was carried out. On Wednesday, the results were gathered. The treatment was repeated for 3 weeks during the month of August, with constant temperature and humidity and no rain.

RESULTS

The target of this trial was to check the influence of repellent programmed spraying on *Culex pipiens* habits and see if it could repel them or reduce their presence in the infested area, with a positive advantage for human beings. If so, this method could be seen as a partial alternative to the standard pyrethroid treatments.

Despite the non-scientific nature of the trial, the results obtained during the 30 days of treatment are quite interesting. The presence of mosquitoes was reduced in the 48 hours after the treatment. The number of mosquitoes caught in the traps before the treatment increased over the weeks. No larvicide products were distributed in the lake and in the surrounding areas. The rosemary solution reduced the presence of mosquitoes in post-treatment of 37,5%, 49% and 73,68% in trap A and 46%, 52,63% and 68% in trap B. Apart from the different figures, the percentage trend in trap A [fig 5] is similar to the trend in trap B.

The increasing catch reduction over the weeks leads to think that programmed misting spraying with equipment similar to Perfetto ® can bring the same progressive results.

In lack of rain, it is possible that at the 3rd week of treatment, there is an accumulation of rosemary solution over the leaves and surfaces surrounding the treated area.

Even if further field trials would be necessary, the results obtained lead to state that the use of natural repellents (such as rosemary, citronella, garlic, etc) regularly sprayed by means of timed misting systems can control the presence of mosquitoes. This biological solution would help to limit the use of those high residuality chemicals that are usually chosen to reduce the number of treatments and the cost of interventions.
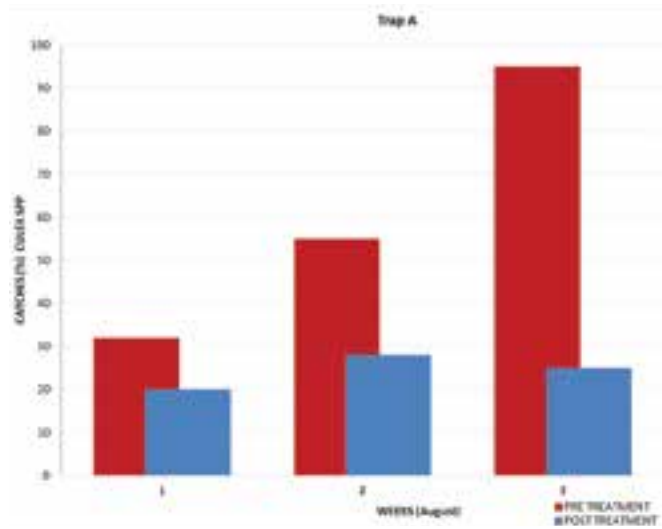

Fig.1

Fig.2

Fig.3

Fig.4

Fig.5

A CIMEX ERADICATOR

Cimex Eradicator is the ecological solution for the elimination of bedbugs.
The laboratory and field tests show that the flow of overheated steam, generated by Cimex Eradicator, is able to eliminate 100% of the eggs and a very high proportion of the mobile insects with a single treatment.
The following standard items are included in each pack:
· Accessory for sanitising toilets and hard-to-reach corners.
· Concentrating accessory for directing the blend of steam into drains, ventilation grids, air conditioning grids, etc.
· Demonstration DVD
· User manual

KEY FEATURES:
· No contact with surfaces
· It removes bedbugs bad smell
· Safety cap, Polti patent
· Steam nozzle with worldwide Polti patented controlled expansion chamber up to 180° C overheated dry steam outflow
· Integrated spacer/stand
· Ergonomic handle with soft-touch insert

CIMEX ERADICATOR – ECOLOGICAL ELIMINATION OF BEDBUGS

TECHNICAL DATA

System:	Pressurized boiler
Max pressure:	4 bar
Pressure switch:	Yes
Pressure gauge:	Yes
Steam output:	Up to 110 g/min
Steam adjustement:	Continuous
Boiler material:	Stainless steel 18/10
Boiler volume:	2,9 l
Use capacity:	2 l
Steam ready indicator:	Yes
Low water level indicator:	Yes, acoustic
Vacuum function:	No
Parking System:	No
Boiler power:	1500 W
Nozzle power:	750 W
Max power:	2250 W
Dimensions (WxDxH):	Ø 32 x 34 cm
Weight:	4,9 kg

Code:	Pack:	Pallet:
CIMEX	1 pc / pack	---

ECO TECH

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A POLYPROPYLENE PRESSURE PUMP SPRAYER

This Essential model pressure pump sprayer features an injection moulded polypropylene tank, a 3.5 bar safety valve and an innovative, unique design. It is available with 5 and 7 litre tanks. The sprayer is resistant to high pressure and has a stainless steel extension wand with "steady distribution" system and viton® seals allowing the use of even particularly aggressive insecticides.

TECHNICAL DATA
TANK
Material :   Polypropylene
WAND
Material: Stainless steel
SEALS
Material: Viton

Code:	Capacity:	Pack:	Carton:
ESSE05	5 l	1 pc / pack	---
ESSE07	7 l	1 pc / pack	---

B STAINLESS STEEL PRESSURE PUMP SPRAYER

This heavy duty stainless steel pressure sprayer has the pump unit and the spray extension in stainless steel with Viton gaskets for the safe use of insecticides.
Available in two versions: 6 lt and 10 lt tank.
The sprayer comes with a manometer, safety valve, Viton sealings, shoulder strap.

TECHNICAL DATA
TANK
Material :   Stainless steel
EXTENSION
Material: Stainless steel
PUMP UNIT
Material: Brass
SEALINGS
Material: Viton

Code:	Capacity:	Pack:	Carton:
INOX6	6 l	1 pc / pack	---
INOX10	10 l	1 pc / pack	---

NEW

A   **BATTERY BACKPACK PRESSURE SPRAYER 12 LT**

12PROFRX backpack is an innovative electrical device with a capacity of 12 litres designed for spraying without a necessity of continuous manual pumping. It is the ideal partner for the Pest Management Operator when spraying water based insecticides. Reliability and appropriate operating parameters are provided by: 12 volt engine, gel battery with high capacity and electronic module of the microprocessor. Processor in the sprayer ensures safe and efficient battery charging, protects against improper discharge and informs about the current state of the device. Modern, water-resistant panel conveys information through easy-to-read display and audible signals, what makes work with the sprayer safe and comfortable.

12PROFRX is equipped with ergonomic, comfortable harness, made of high-quality and waterproof materials.

RX has a triple filter system: in the handle, in the fill-in opening and at the end of the suction pipe in the tank.

TECHNICAL DATA
- Comfortable harness – spine friendly
- Adjustable shoulder straps & belt
- 12 Volt gel battery
- Micro-processor electronic module
- Triple filter system
- 170 cm reinforced hose
- Viton seals
- 8 hours spray time
- 12 litre working capacity
- Adjustable noozle
- 2.2 Lt / minute average liquid output
- 150 cm telescopic lance
- Weight: 8 kg
- Dimensions: 64 x 39 cm

Code:	Pack:	Pallet:
12PROFRX	1 pc / pack *	---

* Complete sprayer with pump, wheels, hose, integrated feeding valve

A — PROFESSIONAL BAIT GUN FOR INSECTICIDE GEL

This professional bait applicator gun fits most insecticide gel cartridges. Made of sturdy plastic, allows a high performance and precise gel dispensing. Easy to use and to maintain, extremely cost-effective, it is a must-have tool for the Pest Management Professionals.

TECHNICAL DATA
Material: Sturdy plastic

Code:	Pack:	Carton:
AG002	1 pc / pack	---

B — BAIT GUN FOR INSECTICIDE GEL

Economical bait gun that dispenses insecticide gel from 30 gram cartridges.
Suitable for Maxforce Gel, Maxforce White, Goliath Gel, etc.
It has a back plunger that allows dispensing the insecticide gel with precision until the cartridge is empty.

TECHNICAL DATA
Material: Sturdy plastic

Code:	Pack:	Carton:
AG005	1 pc / pack	---

A STAINLESS STEEL TIPS (100 MM)

Stainless steel replacement tips (100 mm) for the mod. AG005 bait gun that dispenses insecticide gel.
One kit contains 2 tips.

Code:	Pack:	Carton:
AGR51KIT	1 kit / pack	---

B STAINLESS STEEL TIPS (25 MM)

Stainless steel replacement tips (25 mm) for the mod. AG005 bait gun that dispenses insecticide gel.
One kit contains 5 tips.

Code:	Pack:	Carton:
AGR52KIT	1 kit / pack	---

C PLASTIC TIPS (30 MM)

Plastic replacement tips (30 mm) for the mod. AG005 bait gun that dispenses insecticide gel.
One kit contains 5 tips.

Code:	Pack:	Carton:
AGR53KIT	1 kit / pack	---

D REPLACEMENT TIPS KIT

Kit with replacement tips for the mod. AG005 bait gun that dispenses insecticide gel. The kit contains 2 mod. AGR51 stainless steel tips (100 mm), 4 mod. AGR52 stainless steel tips (25 mm) and 4 mod. AGR53 plastic tips (30 mm).

Code:	Pack:	Carton:
AGR55KIT	1 kit / pack	---

HEAT TECHNOLOGY

HEAT TREATMENT FOR INSECT CONTROL

A PANORAMIC FACE MASK

Gas mask made of EPDM with polycarbonate visor, anti-fogging system and harness with 5 quick-release fasteners. This non-allergenic, wide view mask is suitable for all pest control treatments utilising insecticides and toxic gases. It is a valuable tool in good practice prevention and protection of the respiratory tract. Always check the filters before use.

TECHNICAL DATA
Material: Non-allergenic EPDM, resistant to temperature variations and corrosive agents
Harness: 5 quick-release easy-to-adjust elastic holding fasteners
Visor: Panoramic shock absorbent polycarbonate
Suction: 2 large side exhalation valves to facilitate breathing
Filter holder: In central position, with standard junction
Filter: 1 (not included)

Code:	Pack:	Carton:
W5550	1 pc / pack	---

B HALF MASK WITH 2 FILTERS

New-concept half mask, light and comfortable to wear. The half mask is designed to fit all face shapes. Suitable for use with dust filters, gas filters and combined filters.

TECHNICAL DATA
Material: Non-allergenic silicone face piece, resistant to temperature variations and corrosive agents
Harness: Two quick-release easy-to-adjust elastic holding fasteners
Suction: One large central exhalation valve to facilitate breathing
Filter holder: Two side filter holders
Filters: 2 (not included)

Code:	Pack:	Carton:
W4450	1 pc / pack	---

C PROTECTIVE COVERALLS WITH HAT

Coveralls (Italian size 54) made of heavy fabric, designed to protect the body from stings during insect control operations.The coveralls have a stiff collar so that the hat can be secured to it. The coveralls are supplied with the mod. 6023 protective hat.

TECHNICAL DATA
Material: Cotton
Size: 54

Code:	Pack:	Carton:
6089	1 pc / pack	---

A DELUXE PROTECTIVE JACKET WITH HAT

Jacket made of heavy fabric, designed to protect the body from stings during insect control operations. Supplied with a special protective hat with visor, it enables operators to carry out control operations in the presence of any type of stinging insects (wasps, bees, hornets, etc.).

TECHNICAL DATA
Include: Hat

Code:	Pack:	Carton:
6022	1 pc / pack	---

B PROTECTIVE HAT

Special hat with veil visor designed to protect the face from stings during insect control operations.

TECHNICAL DATA
Material: Cotton

Code:	Pack:	Carton:
6023	1 pc / pack	---

C SAFETY GLOVES WITH LONG SLEEVES

Leather gloves with sleeves made of heavy fabric, designed to protect the hands and forearms from stinging insects.

TECHNICAL DATA
Sleeves: 28 cm fabric
Colour: Yellow/white
Norm: EN388

Code:	Pack:	Carton:
6024	1 pair / pack	---

D NYLON GLOVES FOR PRECISION WORK

Super light, rubber-coated nylon gloves for precision work.

TECHNICAL DATA
Material: Cotton + polyurethane

Code:	Pack:	Carton:
337058	12 pair / pack	---

ECO TECH

A P2 FILTER FOR HALF MASKS

P2 filter for mod. W4450. Used to protect the respiratory tract from dust.

Code:	Pack:	Carton:
R630NW	1 pc / pack	---

B A1/P2 FILTER FOR HALF MASKS

A1/P2 filter for mod. W4450. Used to protect the respiratory tract from dust and insecticides.

Code:	Pack:	Carton:
R632NW	1 pc / pack	---

C A1/B1/E1/K1/P3 COMBINATION FILTER FOR HALF MASKS

A1/B1/E1/K1/P3 filter for mod. W4450. Used to protect the respiratory tract from dust, insecticides, inorganic vapours, sulphur dioxide and ammonia.

Code:	Pack:	Carton:
R634NW	1 pc / pack	---

D A2/B2/E2/K2/P3 FILTER FOR PANORAMIC MASKS

A2/B2/E2/K2/P3 filter for mod. W5550. Used to protect the respiratory tract from dust, insecticides, inorganic vapours, sulphur dioxide and ammonia.

Code:	Pack:	Carton:
R655NW	1 pc / pack	---

ECO TECH

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