



Data sheet

Ideal Aerator in TPE h 160 with cup

030-465-160-000

Rev.00

16/09/2013

Group

030-465-160

Ribbed flange



Function	They have been designed to aid the dynamic extraction of water vapour that forms between the roof slab and the waterproof roofing felt. The particular form of the IDEAL AERATOR and its hood will give continuous aeration of the whole roofing surface. The base of the Ideal aerator flange which is placed in contact with the roof slab has 16 duct ribs that keep the roofing felt lifted to aid the escape of hot air which continuously forms between the roof slab and the waterproofing. The top of the flange is grooved to ensure the roofing felt is firmly glued. The base of the shank has a reinforced curb to guarantee total protection of the aerator installation; the upper section has 3 lateral portholes and an open top hole to ensure efficient aeration. The hood has three wings with a dual function: As an anchor to guarantee a fast fitting of the hood to the aerator even in particularly windy areas; As a spacer to maintain the gap between the hood and the upper lip of the shank, to increase the aeration surface.		
Compatibility	They are compatible with APP and SBS prefabricated bituminous felts and bitumin coats.		
Range	DN 125		
Performance	Resistant to deterioration by the sun, ozone and other agents or chemicals normally found in the atmosphere. They have excellent flexibility even at low temperatures. The mechanical properties are maintained in the long term.		
Operating temperature	-20°C; +75°C		
Included accessories:	Cup for aerator	Recycled product	No
Optional accessories:	Special aerator	Recyclable product	Yes
	-	Material	TPE
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Additional information

We recommend 3-4 aerators for every 100 sq mtrs.

For a better understanding of the interaction between the Ideal Aerator cup and the accessories, please refer to the respective technical data sheets.

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet **Ideal Aerator in TPE h 160 with cup**

030-465-160-000

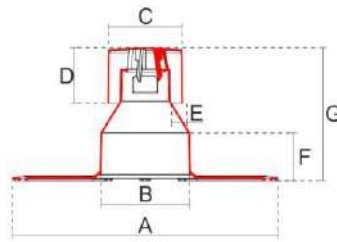
Rev.00

16/09/2013

Group

030-465-160

Ribbed flange



Line Item	Description	A	B	C	D	E	F	G	H	I
1 FR-RF-125/160-TPE	AERATOR IDEAL IN TPE H160 WITH CAP	388	128	108	82	14	70	195		

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Ideal Aerators in PVC h 160 with cup

120-465-160-000

Rev.00

19/09/2013

Group

120-465-160

Smooth flange



Function	<p>They have been designed to aid the dynamic extraction of water vapor that forms between the roof slab and the waterproof roofing felt. The base of the aerator flange, which is placed in contact with the roof slab, has 16 duct ribs that keep the roofing felt lifted to aid the escape of hot air which continuously forms between the roof slab and the waterproofing. The base of the shank has a reinforced curb to guarantee total protection of the aerator installation; the upper section has 3 lateral portholes and an open top hole to ensure efficient aeration.</p> <p>The hood has three wings with a dual function: as an anchor to guarantee fast fitting of the hood to the aerator even in particularly windy areas and as a spacer to maintain the gap between the hood and the upper lip of the shank, to increase the aeration surface. The curved form of the hood aids expulsion of the condensate that continuously forms, expelling it well away from the outside of the shank.</p>		
Compatibility	They are compatible with prefabricated PVC felts		
Range	DN 125		
Performance	Resistant to deterioration by the sun, ozone and other agents or chemicals normally found in the atmosphere. They have excellent flexibility even at low temperatures. The mechanical properties are maintained in the long term.		
Operating temperature	-20°C; +75°C		
Included accessories:	Cup for aerator	Recycled product	No
Optional accessories:	Special aerator	Recyclable product	Yes
	-	Material	PVC
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Additional information

We recommend 3-4 aerators for every 100 sq mtrs.

For a better understanding of the interaction between the Ideal Aerators cup and the accessories, please refer to the respective technical data sheets.

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Ideal Aerators in PVC h 160 with cup

120-465-160-000

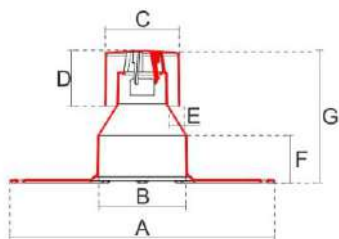
Rev.00

19/09/2013

Group

120-465-160

Smooth flange



Line Item	Description	A	B	C	D	E	F	G	H	I
3 FR-RF-125/160-PVC	AERATOR IDEAL IN PVC H160 Ø 125 WITH CAP	388	128	108	82	14	70	195		

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Ideal Aerators in TPO h 160 with cup

151-465-160-000

Rev.00

11/05/2020

Group

151-465-160

RAL 9016



Function They have been designed to aid the dynamic extraction of water vapour that forms between the roof slab and the waterproof roofing felt. The base of the aerator flange, which is placed in contact with the roof slab, has 16 duct ribs that keep the roofing felt lifted to aid the escape of hot air which continuously forms between the roof slab and the waterproofing. The base of the shank has a reinforced curb to guarantee total protection of the aerator installation; the upper section has 3 lateral portholes and an open top hole to ensure efficient aeration. The hood has three wings with a dual function: as an anchor to guarantee a fast fitting of the hood to the aerator even in particularly windy areas and as a spacer to maintain the gap between the hood and the upper lip of the shank, to increase the aeration surface. The curved form of the hood aids the expulsion of the condensation that continuously forms, expelling it well away from the outside of the shank.

Compatibility They are compatible with prefabricated synthetic membranes in TPO

Range DN 125

Performance Resistant to deterioration by the sun, ozone and other agents or chemicals normally found in the atmosphere.

They have excellent flexibility even at low temperatures. The mechanical properties are maintained in the long term.

Operating temperature -20°C; +70°C

Included accessories:	Cup for aerator	Recycled product	No
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Optional accessories:	Special aerator	Recyclable product	Yes
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-	Material	TPO
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Additional information

We recommend 3-4 aerators for every 100 sq mtrs. For a better understanding of the interaction between the Ideal Aerators cup and the accessories, please refer to the respective technical data sheets.

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Ideal Aerators in TPO h 160 with cup

RAL 9016

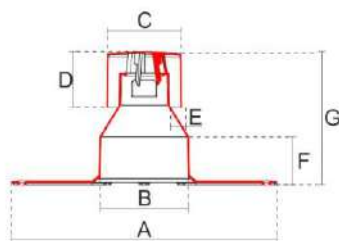
151-465-160-000

Rev.00

11/05/2020

Group

151-465-160



Line Item	Description	A	B	C	D	E	F	G	H	I
1FR-RF-125/160-TPO	AERATOR IDEAL TPO H 160 Ø 125 WITH CAP RAL 9016	388	128	108	82	14	70	195		

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Ideal Aerator in TPE h 240 with cup

030-425-240-000

Rev.00

16/09/2013

Group

030-425

Ribbed flange



Function	<p>They have been designed to aid the dynamic extraction of water vapour that forms between the roof slab and the waterproof roofing felt. The particular form of the IDEAL AERATOR and its hood will give continuous aeration of the whole roofing surface.</p> <p>The base of the Ideal aerator flange which is placed in contact with the roof slab has 16 duct ribs that keep the roofing felt lifted to aid the escape of hot air which continuously forms between the roof slab and the waterproofing. The top of the flange is grooved to ensure the roofing felt is firmly glued. The base of the shank has a reinforced curb to guarantee total protection of the aerator installation; the upper section has 3 lateral portholes and an open top hole to ensure efficient aeration.</p> <p>The hood has three wings with a dual function: As an anchor to guarantee a fast fitting of the hood to the aerator even in particularly windy areas; As a spacer to maintain the gap between the hood and the upper lip of the shank, to increase the aeration surface.</p>		
Compatibility	They are compatible with APP and SBS prefabricated bituminous felts and bitumin coats.		
Range	DN 75		
Performance	<p>Resistant to deterioration by the sun, ozone and other agents or chemicals normally found in the atmosphere. They have excellent flexibility even at low temperatures. The mechanical properties are maintained in the long term.</p>		
Operating temperature	-20°C; +75°C		
Included accessories:	Cup for aerator	Recycled product	No
Optional accessories:	Special aerator	Recyclable product	Yes
	-	Material	TPE
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Additional information

We recommend 3-4 aerators for every 100 sq mtrs.

For a better understanding of the interaction between the Ideal Aerator cup and the accessories, please refer to the respective technical data sheets.

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Ideal Aerator in TPE h 240 with cup

030-425-240-000

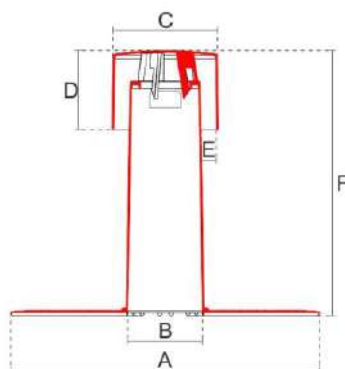
Rev.00

16/09/2013

Group

030-425

Ribbed flange



Line Item

Description

1FR-RF-75/240-TPE

AERATOR IDEAL IN TPE H240 Ø 75
WITH CAP

A	B	C	D	E	F	G	H	I
320	77	108	82	16	275			

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Ideal Aerators in PVC h 240 with cup

120-425-240-000

Rev.00

19/09/2013

Group

120-425

Smooth flange



Function	<p>They have been designed to aid the dynamic extraction of water vapor that forms between the roof slab and the waterproof roofing felt. The base of the aerator flange, which is placed in contact with the roof slab, has 16 duct ribs that keep the roofing felt lifted to aid the escape of hot air which continuously forms between the roof slab and the waterproofing. The base of the shank has a reinforced curb to guarantee total protection of the aerator installation; the upper section has 3 lateral portholes and an open top hole to ensure efficient aeration.</p> <p>The hood has three wings with a dual function: as an anchor to guarantee fast fitting of the hood to the aerator even in particularly windy areas and as a spacer to maintain the gap between the hood and the upper lip of the shank, to increase the aeration surface. The curved form of the hood aids expulsion of the condensate that continuously forms, expelling it well away from the outside of the shank.</p>		
Compatibility	They are compatible with prefabricated PVC felts		
Range	DN 75		
Performance	Resistant to deterioration by the sun, ozone and other agents or chemicals normally found in the atmosphere. They have excellent flexibility even at low temperatures. The mechanical properties are maintained in the long term.		
Operating temperature	-20°C; +75°C		
Included accessories:	Cup for aerator	Recycled product	No
Optional accessories:	Special aerator	Recyclable product	Yes
	-	Material	PVC
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Additional information

We recommend 3-4 aerators for every 100 sq mtrs.

For a better understanding of the interaction between the Ideal Aerators cup and the accessories, please refer to the respective technical data sheets.

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Ideal Aerators in PVC h 240 with cup

120-425-240-000

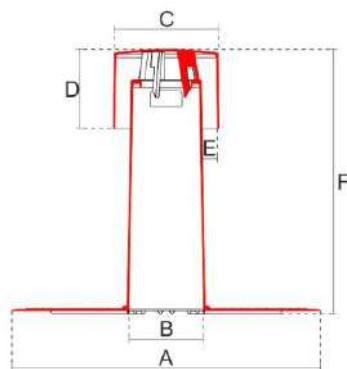
Rev.00

19/09/2013

Group

120-425

Smooth flange



Line Item	Description	A	B	C	D	E	F	G	H	I
1	FR-RF-75/240-PVC AERATOR IDEAL PVC H 240 Ø 75 WITH CAP	320	77	108	82	16	275			

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Ideal Aerators in TPO h 240 with cup

151-425-240-000

Rev.00

11/05/2020

Group

151-425

Smooth flange RAL 9016



Function They have been designed to aid the dynamic extraction of water vapour that forms between the roof slab and the waterproof roofing felt. The base of the aerator flange, which is placed in contact with the roof slab, has 16 duct ribs that keep the roofing felt lifted to aid the escape of hot air which continuously forms between the roof slab and the waterproofing. The base of the shank has a reinforced curb to guarantee total protection of the aerator installation; the upper section has 3 lateral portholes and an open top hole to ensure efficient aeration.

The hood has three wings with a dual function: as an anchor to guarantee a fast fitting of the hood to the aerator even in particularly windy areas and as a spacer to maintain the gap between the hood and the upper lip of the shank, to increase the aeration surface. The curved form of the hood aids the expulsion of the condensation that continuously forms, expelling it well away from the outside of the shank.

Compatibility They are compatible with prefabricated synthetic membranes in TPO.

Range DN 75

Performance Resistant to deterioration by the sun, ozone and other agents or chemicals normally found in the atmosphere. They have excellent flexibility even at low temperatures. The mechanical properties are maintained in the long term.

Operating temperature -20°C; +70°C

Included accessories:	Cup for aerator	Recycled product	No
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Optional accessories:	Special aerator	Recyclable product	Yes
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-	Material	TPO
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Additional information

We recommend 3-4 aerators for every 100 sq mtrs.

For a better understanding of the interaction between the Ideal Aerators cup and the accessories, please refer to the respective technical data sheets.

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Ideal Aerators in TPO h 240 with cup

151-425-240-000

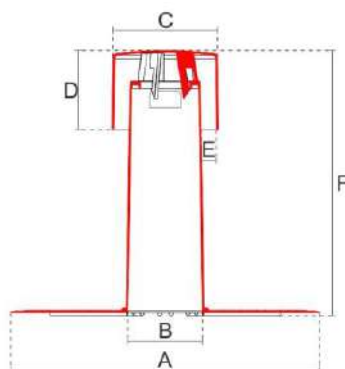
Rev.00

11/05/2020

Group

151-425

Smooth flange RAL 9016



Line Item	Description	A	B	C	D	E	F	G	H	I
1FR-RF-75/240-TPO	AERATOR IDEAL TPO H 240 Ø 75 WITH CAP RAL 9016	320	77	108	82	16	275			

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Ideal Aerator in TPE h 400 with cup

030-465-400-000

Rev.00

16/09/2013

Group

030-465-400

Ribbed flange



Function	They have been designed to aid the dynamic extraction of water vapour that forms between the roof slab and the waterproof roofing felt. The particular form of the IDEAL AERATOR and its hood will give continuous aeration of the whole roofing surface. The base of the Ideal aerator flange which is placed in contact with the roof slab has 16 duct ribs that keep the roofing felt lifted to aid the escape of hot air which continuously forms between the roof slab and the waterproofing. The top of the flange is grooved to ensure the roofing felt is firmly glued. The base of the shank has a reinforced curb to guarantee total protection of the aerator installation; the upper section has 3 lateral portholes and an open top hole to ensure efficient aeration. The hood has three wings with a dual function: As an anchor to guarantee a fast fitting of the hood to the aerator even in particularly windy areas; As a spacer to maintain the gap between the hood and the upper lip of the shank, to increase the aeration surface.		
Compatibility	They are compatible with APP and SBS prefabricated bituminous felts and bitumin coats.		
Range	DN 125		
Performance	Resistant to deterioration by the sun, ozone and other agents or chemicals normally found in the atmosphere. They have excellent flexibility even at low temperatures. The mechanical properties are maintained in the long term.		
Operating temperature	-20°C; +75°C		
Included accessories:	Cup for aerator	Recycled product	No
Optional accessories:	Special aerator	Recyclable product	Yes
	-	Material	TPE
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Additional information

We recommend 3-4 aerators for every 100 sq mtrs.

For a better understanding of the interaction between the Ideal Aerator cup and the accessories, please refer to the respective technical data sheets.

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet **Ideal Aerator in TPE h 400 with cup**

030-465-400-000

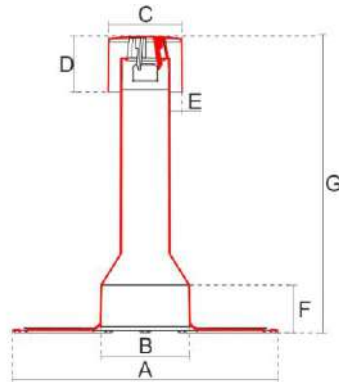
Rev.00

16/09/2013

Group

030-465-400

Ribbed flange



Line Item	Description	A	B	C	D	E	F	G	H	I
1 FR-RF-125/400-TPE	AERATOR IDEAL IN TPE H 400 Ø 125 WITH CAP	388	128	108	82	16	70	435		

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Ideal Aerators in PVC h 400 with cup

120-465-400-000

Rev.00

19/09/2013

Group

120-465-400

Smooth flange



Function	<p>They have been designed to aid the dynamic extraction of water vapor that forms between the roof slab and the waterproof roofing felt. The base of the aerator flange, which is placed in contact with the roof slab, has 16 duct ribs that keep the roofing felt lifted to aid the escape of hot air which continuously forms between the roof slab and the waterproofing. The base of the shank has a reinforced curb to guarantee total protection of the aerator installation; the upper section has 3 lateral portholes and an open top hole to ensure efficient aeration.</p> <p>The hood has three wings with a dual function: as an anchor to guarantee fast fitting of the hood to the aerator even in particularly windy areas and as a spacer to maintain the gap between the hood and the upper lip of the shank, to increase the aeration surface. The curved form of the hood aids expulsion of the condensate that continuously forms, expelling it well away from the outside of the shank.</p>		
Compatibility	They are compatible with prefabricated PVC felts		
Range	DN 125		
Performance	Resistant to deterioration by the sun, ozone and other agents or chemicals normally found in the atmosphere. They have excellent flexibility even at low temperatures. The mechanical properties are maintained in the long term.		
Operating temperature	-20°C; +75°C		
Included accessories:	Cup for aerator	Recycled product	No
Optional accessories:	Special aerator	Recyclable product	Yes
	-	Material	PVC
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Additional information

We recommend 3-4 aerators for every 100 sq mtrs.

For a better understanding of the interaction between the Ideal Aerators cup and the accessories, please refer to the respective technical data sheets.

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Ideal Aerators in PVC h 400 with cup

120-465-400-000

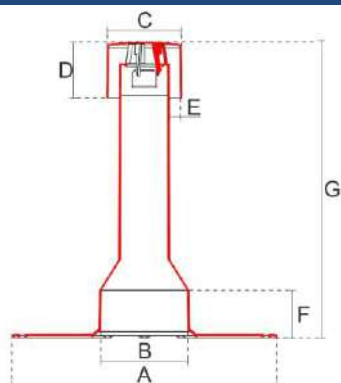
Rev.00

19/09/2013

Group

120-465-400

Smooth flange



Line Item	Description	A	B	C	D	E	F	G	H	I
4	FR-RF-125/400-PVC AERATOR IDEAL IN PVC H400 Ø 125 WITH CAP	388	128	108	82	16	70	435		

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Ideal Aerators in TPO h 400 with cup

151-465-400-000

Rev.00

11/05/2020

Group

151-465-400

RAL 9016



Function They have been designed to aid the dynamic extraction of water vapour that forms between the roof slab and the waterproof roofing felt. The base of the aerator flange, which is placed in contact with the roof slab, has 16 duct ribs that keep the roofing felt lifted to aid the escape of hot air which continuously forms between the roof slab and the waterproofing. The base of the shank has a reinforced curb to guarantee total protection of the aerator installation; the upper section has 3 lateral portholes and an open top hole to ensure efficient aeration. The hood has three wings with a dual function: as an anchor to guarantee a fast fitting of the hood to the aerator even in particularly windy areas and as a spacer to maintain the gap between the hood and the upper lip of the shank, to increase the aeration surface. The curved form of the hood aids the expulsion of the condensation that continuously forms, expelling it well away from the outside of the shank.

Compatibility They are compatible with prefabricated synthetic membranes in TPO

Range DN 125

Performance Resistant to deterioration by the sun, ozone and other agents or chemicals normally found in the atmosphere.

They have excellent flexibility even at low temperatures. The mechanical properties are maintained in the long term.

Operating temperature -20°C; +70°C

Included accessories:	Cup for aerator	Recycled product	No
Optional accessories:	Special aerator	Recyclable product	Yes
	-	Material	TPO
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	-		

Additional information

We recommend 3-4 aerators for every 100 sq mtrs. For a better understanding of the interaction between the Ideal Aerators cup and the accessories, please refer to the respective technical data sheets.

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Ideal Aerators in TPO h 400 with cup

151-465-400-000

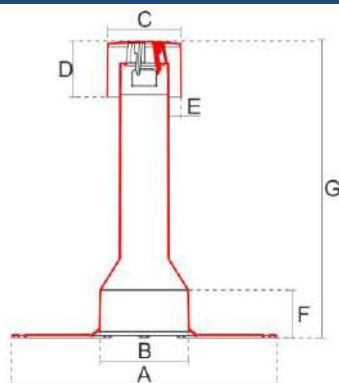
Rev.00

11/05/2020

Group

151-465-400

RAL 9016



Line Item	Description	A	B	C	D	E	F	G	H	I
1FR-RF-125/400-TPO	AERATOR IDEAL TPO H 400 Ø 125 WITH CAP RAL 9016	388	128	108	82	16	70	435		

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Cup for Ideal Aerator

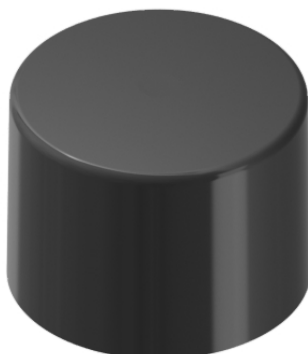
030-500-900-000

Rev.00

16/09/2013

Group

030-500-900



Function	The IDEAL AERATOR is the only one equipped with an exhaust hood for continuous dynamic expulsion of condensation that continuously forms under the waterproof roofing. The curved form of the hood aids the expulsion of the condensation that continuously forms, expelling it well away from the outside of the shank.		
Compatibility	They are 100% compatible with ideal TPE TPO PVC aerators for bituminous coatings		
Range	h 80		
Performance	Resistant to deterioration by the sun, ozone and other agents or chemicals normally found in the atmosphere. They have excellent flexibility even at low temperatures. The mechanical properties are maintained in the long term.		
Operating temperature	-20°C; +75°C		
Included accessories:	-	Recycled product	No
Optional accessories:	-	Recyclable product	Yes
	-	Material	PP
	-		
	-		
	-		
Additional information	-		

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Cup for Ideal Aerator

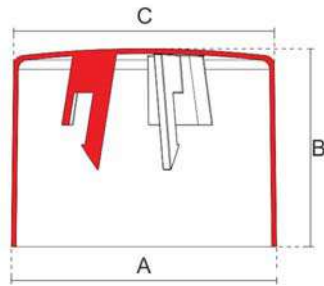
030-500-900-000

Rev.00

16/09/2013

Group

030-500-900



Line	Item	Description	A	B	C	D	E	F	G	H	I
1	FR-RF-CAP	CAP BLACK COLOUR H 80	110	82	108						

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Estraer

030-500-901-000

Rev.00

16/09/2013

Group

030-500-901



Function	It is a device ables to produce extractive energy transforming kinetic energy of the air into atmospheric depression energy for “VENTURI” effect. Moreover it is able to stress and expulse all the aeriforms and keep dry and constantly aerated the whole waterproof insulation system. It is a duct made of plastic material and equipped with two conical trunks adjacent and opposite each other which act as pipe-tap. In the middle they are joined perpendicularly by a cylinder which acts as an altitude chamber. The above mentioned trunks, which are joined in one body, form the duct and through a central hole they are in communication with the altitude chamb्रे. This hole allows the communication between the inside and the outside of the waterproof-insulation system.		
Compatibility	-		
Range	-		
Performance	Resistant to deterioration by the sun, ozone and other agents or chemicals normally found in the atmosphere. They have excellent flexibility even at low temperatures. The mechanical properties are maintained in the long term.		
Operating temperature	-20°C; +75°C		
Included accessories:	-	Recycled product	No
Optional accessories:	-	Recyclable product	Yes
	-	Material	PP
	-		
	-		
	-		
Additional information			
In presence of weak winds which go through the duct of the ESTRAER®, it is able to produce a sufficient depression to keep a surface of about 25 sqm constantly aerated.			

If not otherwise indicated, all measurements are expressed in millimetres.



Data sheet

Estraer

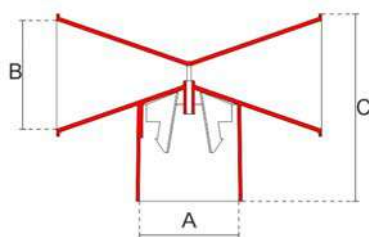
030-500-901-000

Rev.00

16/09/2013

Group

030-500-901



Line Item	Description	A	B	C	D	E	F	G	H	I
2	FR-RF-EST	ESTRAER® BLACK COLOUR	75	82	141					

If not otherwise indicated, all measurements are expressed in millimetres.