

AIR CONDITIONING CATALOGUE 2014-15

The company



GENERAL

Castel Engineering sa is a Belgian company specialized in the extrusion and Injection moulding of plastic parts mainly for the HVAC-R industries.

Founded in 1987 as a small company, it has been growing ever since to become a European leader and a standard reference for quality.

The wide variety of product ranges provides high quality components for clean- and coldroom, panel and refrigerated door manufacturers as well as for the installation of air conditioners.

Located in an ideal place for logistics, Castel Engineering group of companies is proud to serve over 70 countries around the world. Castel Engineering Polska Sp zoo is located in Poland and takes care of the Eastern European markets.

VALUES

As a manufacturer Castel Engineering is conscious that modern economy requires constant and swift adaptation, while diversification of the offer will ensure a growing market share. Though the tendency is towards a never ending spiral of cheaper products, we compromise ourselves to still manufacture products of very high quality. Thanks to full control of our production processes and tool conceptions, we have been able to keep our commitments while remaining the most competitive. We are grateful to both our customers and suppliers for their market feedback which allows us to remain up to date, innovative and enables us to improve our products.

Serving our customers and keeping them satisfied is our daily concern. As experts, we consider it our duty to accompany them with their requests. We are keen on sharing our expertise in order to allow them to opt for the best suitable solution for their projects. We believe that business is much more than simply operating commercial transactions. A long-term business relation can only continue to exist if all the parties are on the same page. Communication is crucial. We take care of every customer with an individual and personal approach. Our multilingual sales team will follow up your file step by step, as to understand your needs, advise the selection of the products, send a quotation and ensure that your order is delivered at your warehouse. We are able to follow up your requests in 9 languages: English, French, Dutch, German, Polish, Italian, Arabic, Spanish and Russian.

Keeping a well filled stock is another service we provide to our customers. Therefore at least 6.000m², of our total surface of 17.000m², represent the permanent storage of our products. We also offer fast and competitive transport solutions as part of our service.



PRODUCTION

We need 3.000.000 kg of raw materials on a yearly basis to feed the 15 injection moulding and 7 extrusion lines that Castel Engineering currently houses at its H.Q. New additional machinery is foreseen to reinforce our production late 2014. This should enable us to extend our offer and services to the customers.

Our Research and Development department has the commitment to ensure that our products remain up to date with the evolution of the technologies.

Their other fundamental role is to keep on improving products or conceiving new ones, with a reduced ecological footprint, to comply with new standards.

Why choose Castel Engineering



ENGINEERING SOLUTIONS

Having over 25 years of experience in plastics transformation, we have been able to gather and increase essential knowledge as to become and remain a European leader. Thanks to our partners, customers and suppliers, we can continuously improve our products to offer an up to date response to the ever changing markets. We have obtained a serious know-how in tool conception which contributes to optimize manufacturing costs while enabling us to produce high quality at the most competitive prices. Many satisfied customers have even entrusted us with the conception and manufacturing of some of their OEM components.



MANUFACTURING QUALITY

Thanks to modern and up to date machinery we can guarantee a high quality of manufacturing. We buy prime raw materials from renowned industrial suppliers from whom we get full support.

Quality control checks are scheduled on a regular basis.

FULLY IN HOUSE

Castel Engineering has both extrusion and injection moulding production processes as its expertise, which is exceptional in its sector. Packing is also done “in house” which allows quality control over the whole process, from raw material transformation into products, till packed and ready to be dispatched. Orders are prepared and shipped on a virtually permanent stock availability. One of our strengths is the fact that we can modify the production planning according to urgent or special requests.



RESPECT FOR THE ENVIRONMENT

We are conscious that the natural treasures on our planet are limited and that is why we are doing our utmost not to waste them. We have set up a recycling program allowing us to recover and reuse as much raw materials as possible. Packaging, mainly from recycled origin, is carefully selected to have a minimal ecological footprint. Solar panels are providing big part of the energy we require, along with the purchase of green energy to satisfy the rest of our consumption.

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Icons



Size



Packaging



Packaging



Pieces/pallet



Paintable



UV resistant



Stainless Screws



M1 Fire Resistant



Fast installation



Fixation Clip



Colour



To be glued

All you need as a Professional



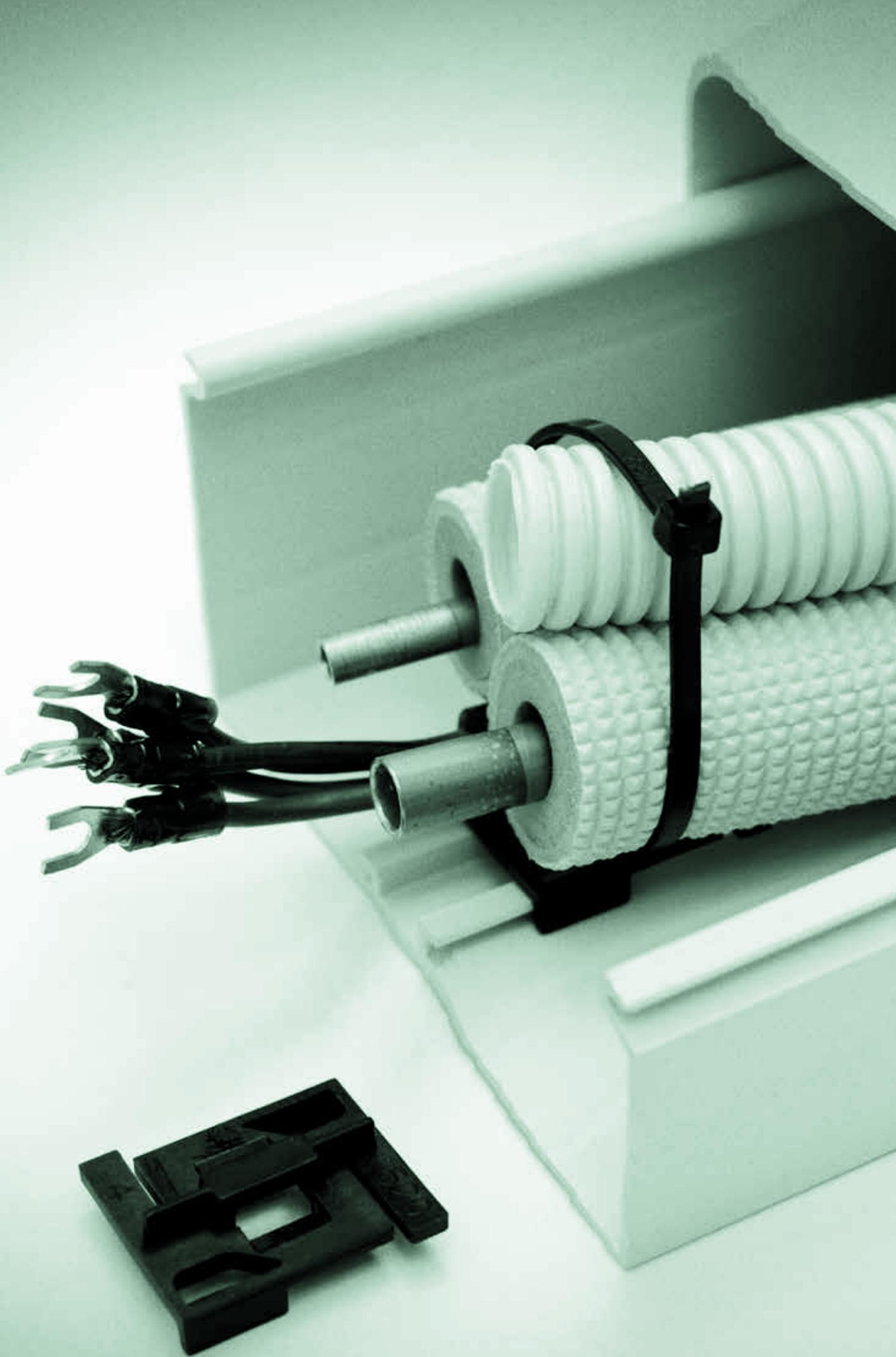
1 Ducts

2 Pre-installation
and Drainage

3 Support

4 Accessories

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Ducts

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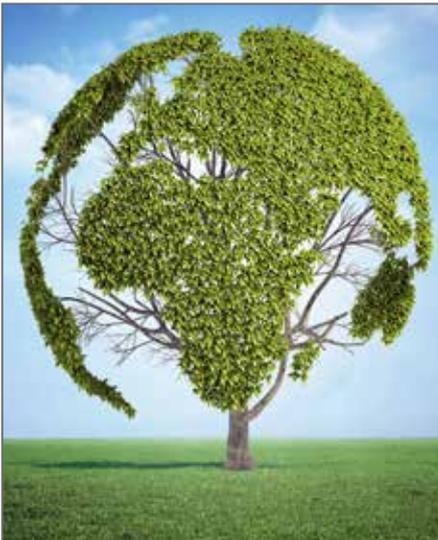
Why use a duct?

COVER YOUR LINE SETS

In most of the unprofessional installations, line sets that are connected to the outdoor unit run alongside the wall before penetrating the buildings. That part is particularly exposed to degradation because of climatic conditions or other intruders, such as insects or birds.

UV rays have a quick and dramatic deteriorating effect on the insulation that cover the line sets. Without proper protection the insulation starts to crack and virtually turns into powder. Meanwhile, the weakened material feeds birds, insects or other parasites.

Drain hoses generally run alongside the line sets and are exposed to the same damage.

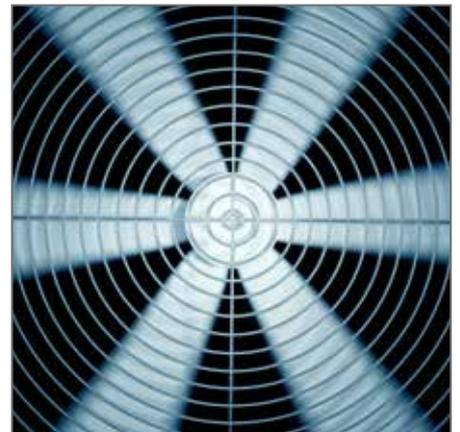


THINK GREEN, SAVE ENERGY!

Insulation material will start to deteriorate quickly if it is not covered by a duct. The line sets will be exposed and their thermo-conductive feature will lead to a loss of cooling or heating capacity of the refrigerant. The installation will start over-functioning and consume much more energy than necessary.

EXTENDS THE LIFESPAN OF YOUR AIRCO-INSTALLATION

When an outdoor unit starts to over-function because of a loss of the refrigerant capacity, its core components wear down faster. You will incur increased costs for maintenance or spare parts, or you might even have to change the complete unit within an unusual short amount of time.





EVERY INSTALLATION SHOULD MATCH THE STYLE OF YOUR BUILDING

- **The stylish duct**

Available by default in white colours.

The duct has a flat bottom which makes it easy to install leveled and in corners.

Most existing ducts with rounded bottom parts, allow dust, dirt or insects to nest. In the end you have dark lines of dirt or dust alongside your installation which gives a filthy impression. All our ducts have a flat bottom ensuring a clean installation

- **The paintable duct**

If you would like to make the duct match the colour of your wall so that it seems invisible, this is your best option.

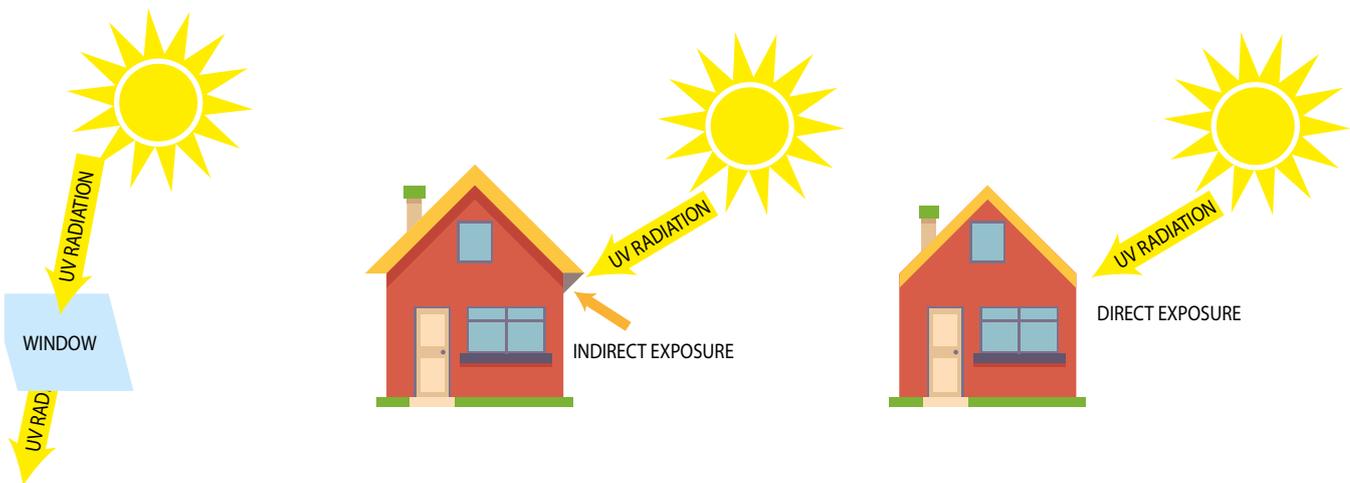
You can color the duct with the appropriate acrylic paint and apply it according to the instructions of the paint manufacturers for painting on PVC surfaces.

UV Resistant *because Quality matters*

It is known that UV radiation causes material “aging”, particularly with some plastics (PVC, PE, PP, ABS,...)

Negative effects are colour degradation (yellowing, browning, bleaching) and embrittlement (becoming fragile).

Deterioration will happen when exposed directly or indirectly to UV radiation.



THE SOLUTION:

Manufacturing with raw materials including UV blocking additives.

Castel Engineering's air conditioning products are UV resistant!

With the support of our partner suppliers, we can ensure that the products we manufacture will perform well and give you entire satisfaction!

UV RESISTANCE TESTS





Fixation Clip

Keeping line sets in place during the installation is a real time saver.

Thanks to our unique **fixation rail guide** on the bottom channel of our ducts you can strap* and fix the contents of our ducts you can strap* and fix the contents.

Finally all that is left to do to complete the duct installation is put on the top channel and fittings.

One single person can do the duct installation, it's easy without any hassle.

KEEP IT SIMPLE, BE THE FASTEST!

1. Click and rotate the Fixation Clip on the rail guide
2. Insert a cable tie in it
3. Install (place) the contents in the duct
4. Close the tie and strap it without* damaging neither deforming its content
5. Cut the excess of unused cable ties
6. Put on the top cover and fittings

You will save time and money with the Fixation Clip!

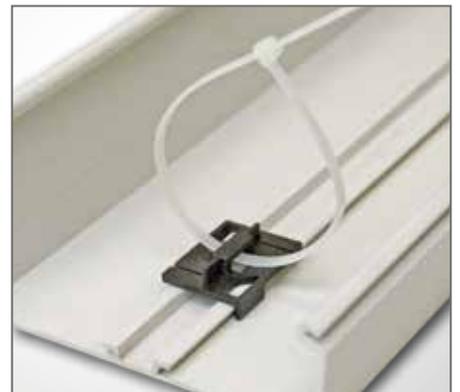
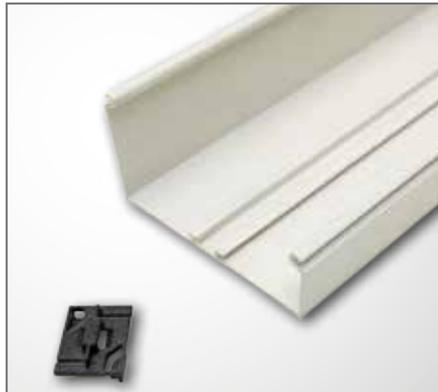
Use with

SpeediDuct™

Optimal Duct™

Artica Duct™

Eco Duct™



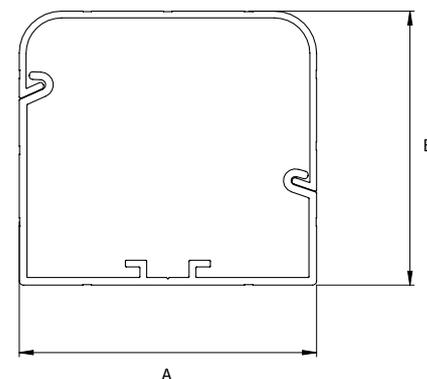
SpeediDuct™



- Made of rigid, shockproof, UV-stabilized fire resistant PVC
- Standard colour RAL 9002 (ivory white)
- Wide range of temperatures -20°C / + 60°C in a static position
- Thanks to the unique rail guide, the Fixation Clip allows you to strap and keep the line sets in place
- Protects the line sets against deterioration due to climatic conditions and contributes to reducing your energy consumption.



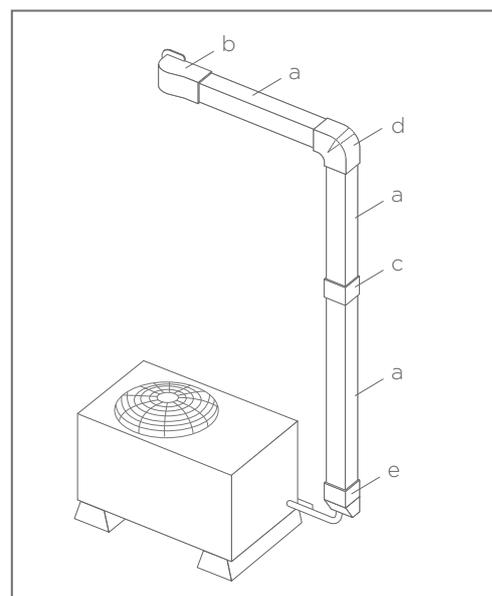
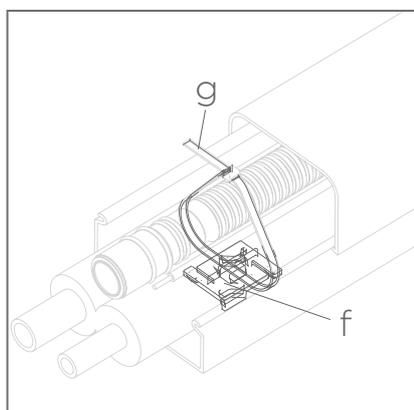
Ref	CE.D.70	CE.D.105	CE.D.150
A	70 mm	105 mm	150 mm
B	65 mm	75 mm	80 mm
	2000 mm	2000 mm	2000 mm
	6 pcs = 12 lm	6 pcs = 12 lm	5 pcs = 10 lm
	432 lm	288 lm	240 lm



SpeediDuct™ Starter Kit



- All duct parts you need for a basic outdoor split installation



Ref	CE.START.70	CE.START.105	Kit Component	QTY
a	D70	D105	SpeediDuct L = 1220 mm	3 pcs
b	WC70	WC105	Wall Cover	1 pc
c	CP70	CP105	Connection Piece	2 pcs
d	AFB70	AFB105	Adjustable Flat Bend	1 pc
e	DE70	DE105	Duct End	1 pc
f + g	FC10CT		Fixation Clip + Cable Tie	10 sets

Flexible End Kit



TOTALLY covers your line sets from the outdoor unit to the wall !

In nearly all installations the line sets starting from the outdoor unit are not covered until they reach the wall.

This part is exposed to the UV rays that damage the insulation, reducing its energy saving capacity.

The flexible End fitting kit consists of

- 1 duct connector
- 1 flexible hose *
- 1 stainless steel clamp
- 1 end fitting cap

* not paintable

Ref	CE.FLEXEND.70	CE.FLEXEND.105
	1000 mm	1000 mm
	2 kits	2 kits
	65 mm	75 mm

Flexible Connector Kit



The solution for complicated installation configurations.

This fitting kit allows you to virtually connect 2 SpeediDucts on adjacent walls. This is a time- and fitting saver.

The flexible connector fitting consists of

- 2 duct connectors
- 1 flexible hose*
- 2 stainless steel clamps

* not paintable



Ref	CE.FLEXCON.70	CE.FLEXCON.105
	1000 mm	1000 mm
	2 kits	2 kits
	65 mm	75 mm

WALL COVER FOR INLET OR OUTLET



Ref	CE.WC.70	CE.WC.105	CE.WC.150
	10 pcs	10 pcs	10 pcs

CONNECTION PIECE



Ref	CE.CP.70	CE.CP.105	CE.CP.150
	10 pcs	10 pcs	10 pcs

DUCT END



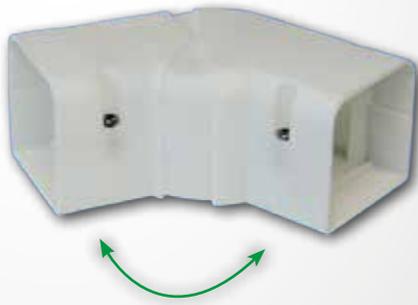
Ref	CE.DE.70	CE.DE.105	CE.DE.150
	10 pcs	10 pcs	10 pcs

90° FLAT BEND



Ref	CE.FB.70	CE.FB.105	CE.FB.150
	10 pcs	10 pcs	10 pcs

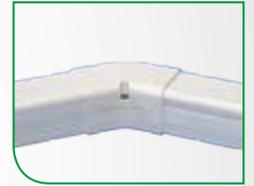
ADJUSTABLE FLAT BEND



- Adjustable flat bend between 90° and 135°

Ref	CE.AFB.70	CE.AFB.105
	10 pcs	10 pcs

45° FLAT BEND



Ref	CE.FB45.70	CE.FB45.105	CE.FB45.150
	10 pcs	10 pcs	10 pcs

ELBOW BEND 90° CORNER-IN



- To place around the outside corner

Ref	CE.EIN.70	CE.EIN.105	CE.EIN.150
	10 pcs	10 pcs	10 pcs

90° ELBOW BEND



- To place inside the internal corner

Ref	CE.EB.70	CE.EB.105	CE.EB.150
	10 pcs	10 pcs	10 pcs

90° LONG FLAT ELBOW



- Ideal when copper bending is tough, requiring a wider radius

Ref	CE.LFB.70	CE.LFB.105	CE.LFB.150
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	10 pcs	10 pcs	10 pcs
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SOFFIT INLET



Ref	CE.SI.70	CE.SI.105
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	10 pcs	10 pcs
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FLAT ROSETTE



Ref	CE.FR.70	CE.FR.105	CE.FR.150
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	10 pcs	10 pcs	10 pcs
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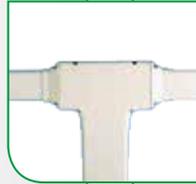
WALL ROSETTE



Ref	CE.WR.70	CE.WR.105	CE.WR.150
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	10 pcs	10 pcs	10 pcs
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REDUCER JOINT



- To combine with T-joint

Ref	CE.RJ.70.105	CE.RJ.105.150
	10 pcs	10 pcs

T-JOINT



FOR MULTI-SPLIT SYSTEMS

- To combine Duct 70 with Duct 105
- To combine Duct 105 with Duct 150
- Reducer Joints are required.

Ref	CE.TJ.105	CE.TJ.150
	10 pcs	10 pcs

DUCT CAP



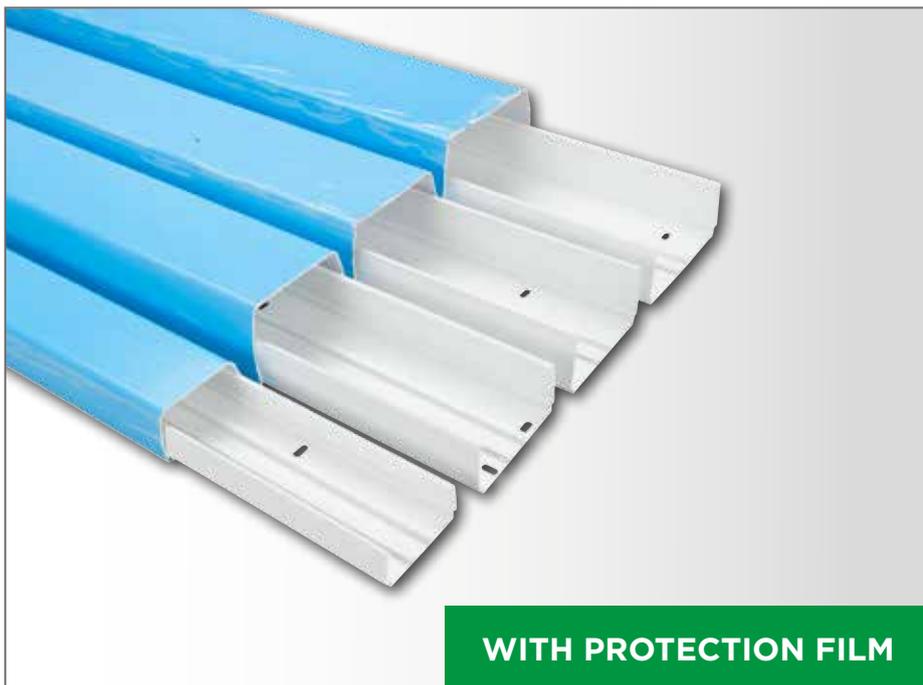
Ref	CE.DC.70	CE.DC.105	CE.DC.150
	10 pcs	10 pcs	10 pcs

FLEX JOINT



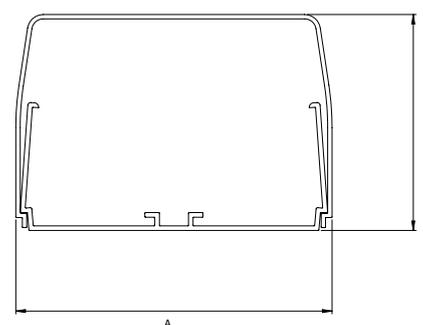
Ref	CE.FJ.70	CE.FJ.105
	10 pcs	10 pcs

Optimal Duct™

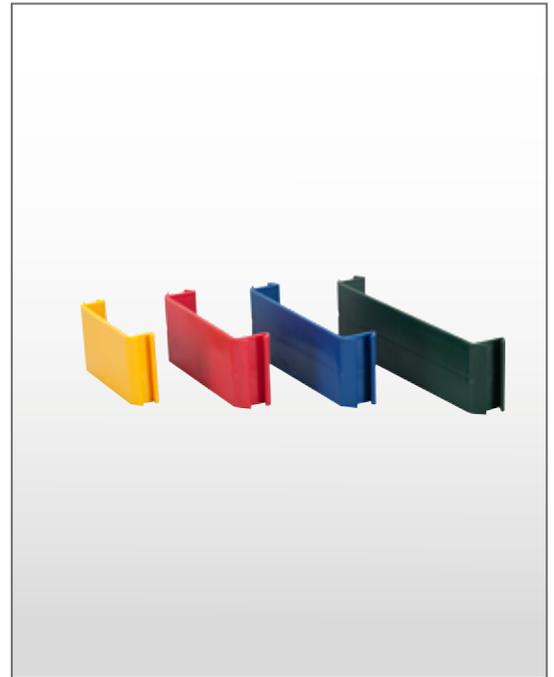


- Made of rigid, shockproof, UV-stabilized fire resistant PVC
- Standard colour RAL 9003 (pure white)
- Wide range of temperatures -20°C / + 60°C in a static position
- Thanks to the unique rail guide, the Fixation Clip allows you to strap and keep the line sets in place
- Protects the line sets against deterioration due to climatic conditions and contributes to reducing your energy consumption.

Ref	OD.60	OD.80	OD.90	OD.110
A	60 mm	80 mm	90 mm	110 mm
B	40 mm	60 mm	65 mm	75 mm
	2000 mm	2000 mm	2000 mm	2000mm
	12 pcs = 24 lm	8 pcs = 16 lm	8 pcs = 16 lm	4 pcs = 8 lm
	864 lm	384 lm	288 lm	256 lm

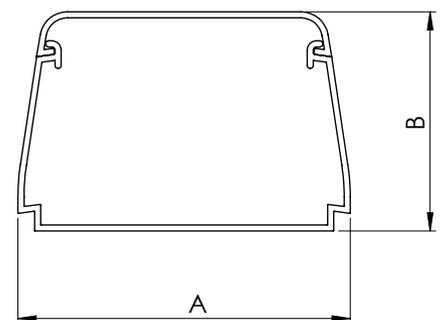


Super Duct™



- Material: rigid, fire resistant, shockproof and UV-stabilized PVC
- Standard colour: RAL 9003 (pure white)
- Wide range of temperatures -20°C / + 60°C in a static position

Ref	SD.60	SD.80	SD.90	SD.110
A	60 mm	80 mm	90 mm	110 mm
B	40 mm	60 mm	65 mm	75 mm
	2000 mm	2000 mm	2000 mm	2000 mm
	16 pcs = 32 lm	12 pcs = 24 lm	8 pcs = 16 lm	6 pcs = 12 lm
	1152 lm	576 lm	512 lm	384 lm



Optimal-Super Flex Kit

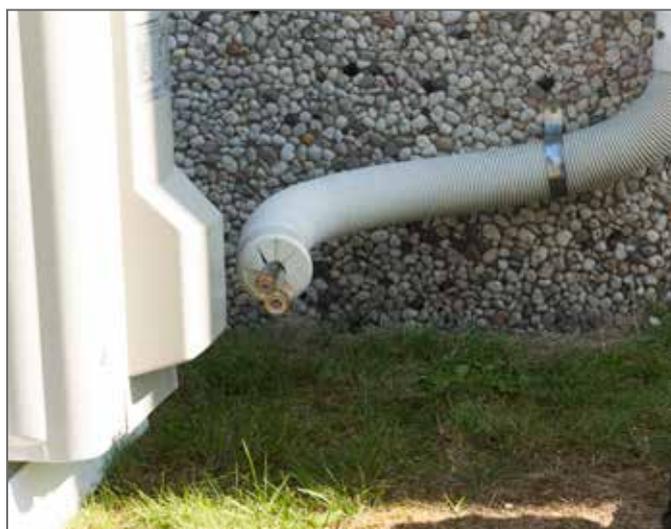


The flexible connector fitting kit consists of

- 2 duct connectors, 1 flexible hose* and 2 stainless steel clamps

Ref	OD.FLEXXKIT.80	OD.FLEXXKIT.110
Ref	SD.FLEXXKIT.80	SD.FLEXXKIT.110
	1000 mm	1000 mm
	2 kits	2 kits
\varnothing	65 mm	75 mm

Optimal-Super Flex End Kit



Ref	OD.FLEXEND.80	OD.FLEXEND.110
Ref	SD.FLEXEND.80	SD.FLEXEND.110
	1000 mm	1000 mm
	2 kits	2 kits
\varnothing	65 mm	75 mm

The flexible End fitting kit consists of

- 1 duct connector, 1 flexible hose*, 1 stainless steel clamp and 1 end fitting cap

* not paintable

WALL COVER



Ref	ODWC.60	ODWC.80	ODWC.90	ODWC.110
Ref	SDWC.60	SDWC.80	SDWC.90	SDWC.110
	10 pcs	10 pcs	10 pcs	10 pcs

CONNECT



Ref	ODC.60	ODC.80	ODC.90	ODC.110
Ref	SDC.60	SDC.80	SDC.90	SDC.110
	10 pcs	10 pcs	10 pcs	10 pcs

END CAP



Ref	ODEC.60	ODEC.80	ODEC.90	ODEC.110
Ref	SDEC.60	SDEC.80	SDEC.90	SDEC.110
	10 pcs	10 pcs	10 pcs	10 pcs

FLAT ELBOW 90°



Ref	ODFE.60	ODFE.80	ODFE.90	ODFE.110
Ref	SDFE.60	SDFE.80	SDFE.90	SDFE.110
	10 pcs	10 pcs	10 pcs	10 pcs

IN-CORNER 90°



Ref	ODIC.60	ODIC.80	ODIC.90	ODIC.110
Ref	SDI C.60	SDIC.80	SDIC.90	SDIC.110
	10 pcs	10 pcs	10 pcs	10 pcs

CORNER OUT 90°



Ref	ODOC.60	ODOC.80	ODOC.90	ODOC.110
Ref	SDOC.60	SDOC.80	SDOC.90	SDOC.110
	10 pcs	10 pcs	10 pcs	10 pcs

T-JUNCTION



Ref	ODTJ.80	ODTJ.110
Ref	SDTJ.80	SDTJ.110
	10 pcs	10 pcs

REDUCER



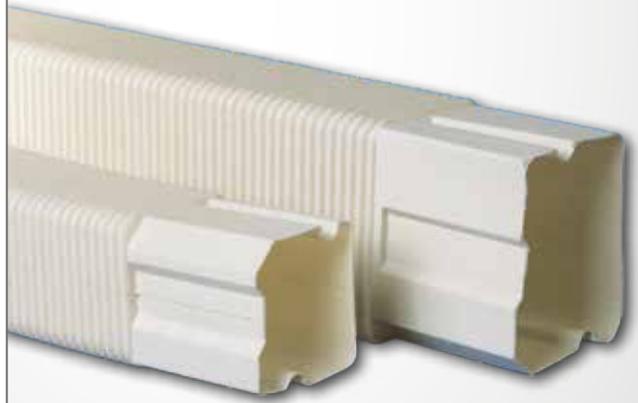
Ref	ODRJ.80-60	ODRJ.110-80	ODRJ.110-90
Ref	SDRJ.80-60	SDRJ.110-80	SDRJ.110-90
	10 pcs	10 pcs	10 pcs

WALL ROSETTE



Ref	ODWR.60	ODWR.80	ODWR.90	ODWR.110
Ref	SDWR.60	SDWR.80	SDWR.90	SDWR.110
	10 pcs	10 pcs	10 pcs	10 pcs

FLEX JUNCTION



Ref	OD.FJ.80	OD.FJ.110
Ref	SD.FJ.80	SD.FJ.110
	10 pcs	10 pcs

DUCT END



Ref	ODDE.60	ODDE.80	ODDE.90	ODDE.110
Ref	SDDE.60	SDDE.80	SDDE.90	SDDE.110
	10 pcs	10 pcs	10 pcs	10 pcs



Artica Duct™

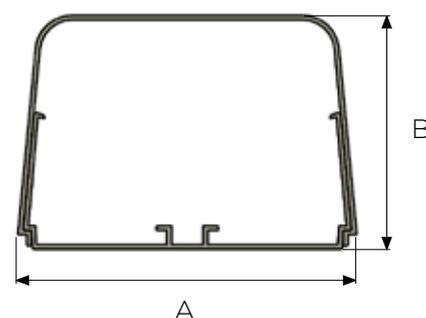


WITH PROTECTION FILM



- Made of rigid, shockproof, UV-stabilized fire resistant PVC
- Standard colour RAL 9001 (cream white)
- Wide range of temperatures -20°C / + 60°C in a static position
- Thanks to the unique rail guide, the Fixation Clip allows you to strap and keep the line sets in place
- Protects the line sets against deterioration due to climatic conditions and contributes to reducing your energy consumption.

Ref	ADF.60	ADF.80	ADF.110
A	60 mm	80 mm	110 mm
B	45 mm	60 mm	75 mm
	2000 mm	2000 mm	2000 mm
	12 pcs = 24 lm	8 pcs = 16 lm	4 pcs = 8 lm
	864 lm	384 lm	256 lm



Artica Flex Kit



The flexible connector fitting kit consists of

- 2 duct connectors, 1 flexible hose* and 2 stainless steel clamps

Ref	AD.FLEXKIT.80	AD.FLEXKIT.110
	1000 mm	1000 mm
	2 kits	2 kits
\varnothing	65 mm	75 mm

Artica Flex End Kit



Ref	AD.FLEXEND.80	AD.FLEXEND.110
	1000 mm	1000 mm
	2 kits	2 kits
\varnothing	65 mm	75 mm

The flexible End fitting kit consists of

- 1 duct connector, 1 flexible hose*, 1 stainless steel clamp and 1 end fitting cap

* not paintable

WALL COVER



Ref	CLWC.60	CLWC.80	CLWC.110
	9 pcs	6 pcs	4 pcs

CONNECTION PIECE



Ref	CLC.60	CLC.80	CLC.110
	30 pcs	30 pcs	20 pcs

END CAP



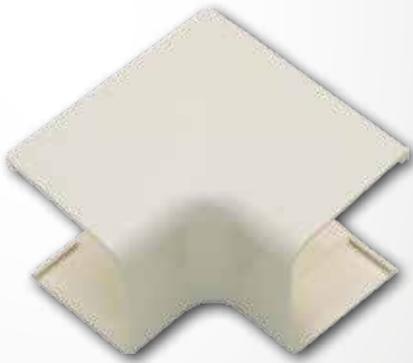
Ref	CLEC.60	CLEC.80	CLEC.110
	12 pcs	9 pcs	6 pcs

FLAT ELBOW 90°



Ref	CLFE.60	CLFE.80	CLFE.110
	10 pcs	8 pcs	6 pcs

IN-CORNER 90°



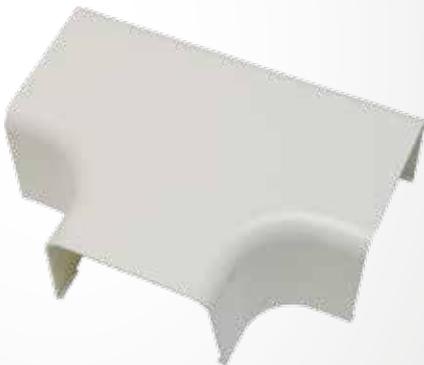
Ref	CLIC.60	CLIC.80	CLIC.110
	8 pcs	6 pcs	4 pcs

CORNER OUT 90°



Ref	CLCO.60	CLCO.80	CLCO.110
	12 pcs	9 pcs	6 pcs

T-JUNCTION



Ref	CL.TJ.80	CL.TJ.110
	4 pcs	2 pcs

REDUCER



Ref	CL.RD.80	CL.RD.110
	12 pcs	8 pcs

FLAT ROSETTE



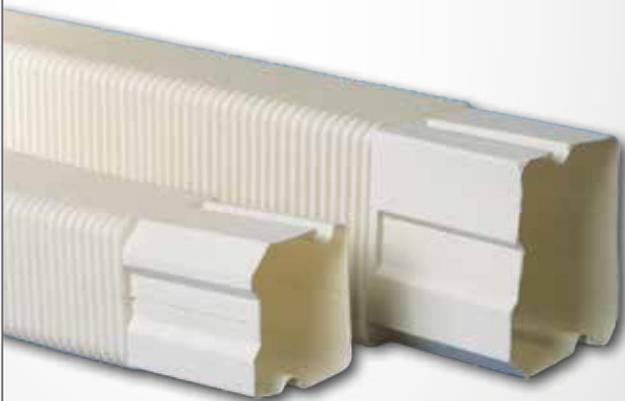
Ref	CLFR.60	CLFR.80	CLFR.110
	10 pcs	8 pcs	8 pcs

ADJUSTABLE FLAT BEND

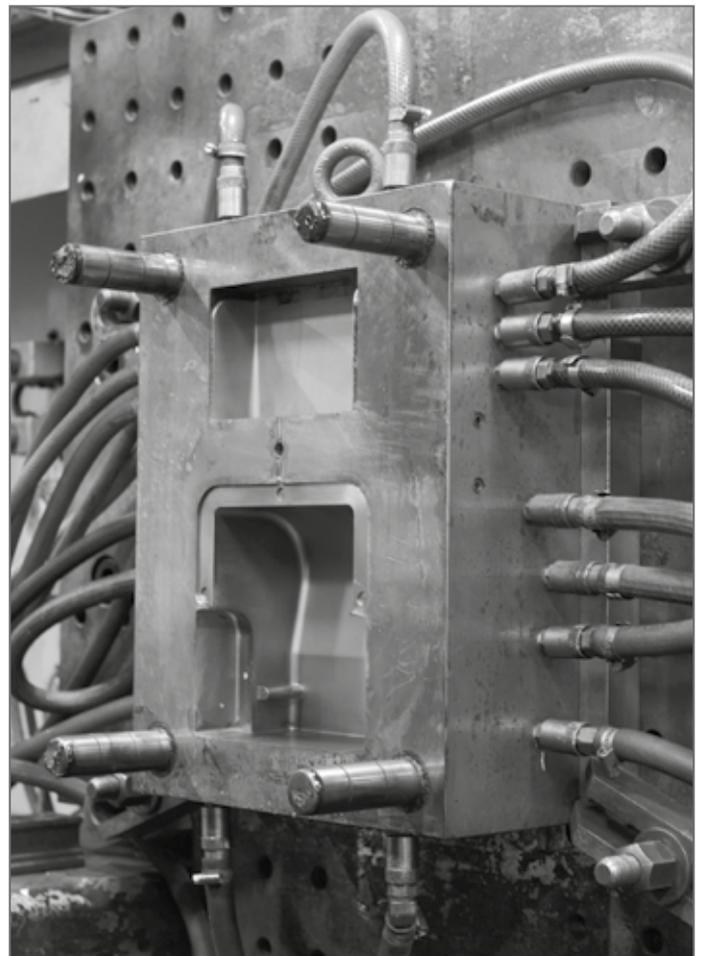


Ref	CLAFE.80	CLAFE.110
	6 pcs	4 pcs

FLEX UNION



Ref	CLFU.80	CLFU.110
	4 pcs	4 pcs



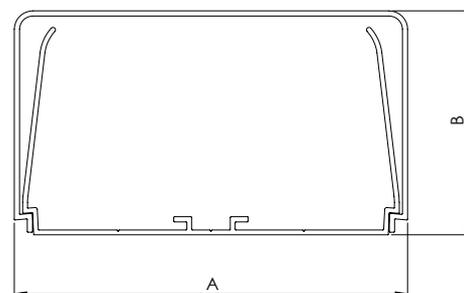


Eco Duct™



- Trunking with fixation rail feature
- Thanks to the fixation clip, you fix and strap the line sets and drain hose inside the duct
- Designed for various applications, in air conditioning and plumbing
- Material: Rigid PVC shockproof, UV stabilized, fire resistant
- Allows a wide range of temperatures (-20°C / +60°C in a static position)
- Colour: white RAL 9002 (ivory white)

Ref	ECO D.80	ECO D.105
A	80 mm	105 mm
B	60 mm	60 mm
	2000 mm	2000 mm
	10 pcs = 20 lm	10 pcs = 20 lm
	360 lm	300 lm



ECO WALL COVER



Ref	EWC.80	EWC.105
	20 pcs	20 pcs

ECO CONNECT



Ref	ECON.80	ECON.105
	20 pcs	20 pcs

ECO CAP



Ref	ECAP.80	ECAP.105
	20 pcs	20 pcs

ECO FLAT ELBOW



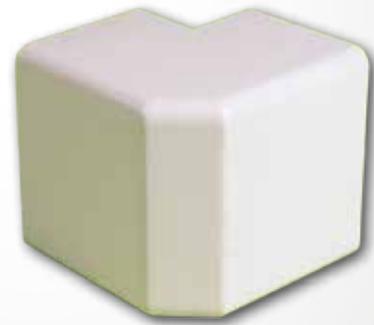
Ref	EFE.80	EFE.105
	20 pcs	20 pcs

ECO CORNER-IN



Ref	ECI.80	ECI.105
	20 pcs	20 pcs

ECO CORNER-OUT



Ref	ECO.80	ECO.105
	20 pcs	20 pcs

ECO T-JUNCTION



Ref	ETJ.80	ETJ.105
	20 pcs	20 pcs

ECO FLAT ROSETTE

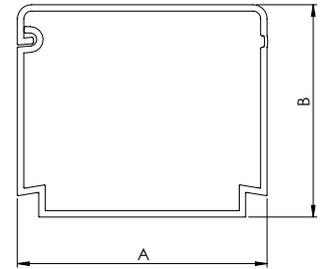


Ref	EFR.80	EFR.105
	20 pcs	20 pcs

Drain Pipe Duct



- Small duct to protect the drain hoses



Ref	DPD	DPWC	DPCO	DPCI	DPC	DPFE
A	32 mm	35 mm	35 mm	35 mm	35 mm	35 mm
B	30 mm	32 mm	32 mm	32 mm	32 mm	32 mm
	2000 mm	63 mm	47 mm	57 mm	30 mm	65 mm
	32 pcs = 64 lm	20 pcs	20 pcs	20 pcs	20 pcs	20 pcs
	1536 lm	180 pcs	480 pcs	280 pcs	1200 pcs	260 pcs

DRAIN PIPE DUCT

Ref	DPD
-----	-----

	32 pcs = 64 lm
--	----------------

WALL CONNECTOR

Ref	DPWC
-----	------

	20 pcs
--	--------

CORNER OUT



Ref

DPCO



20 pcs

CORNER-IN



Ref

DPCI



20 pcs

CONNECTOR



Ref

DPC



20 pcs

FLAT ELBOW



Ref

DPFE



20 pcs





Drainage & Pre-installation

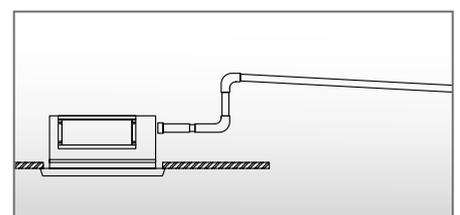
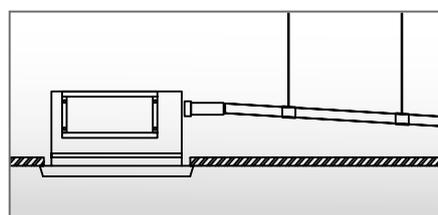
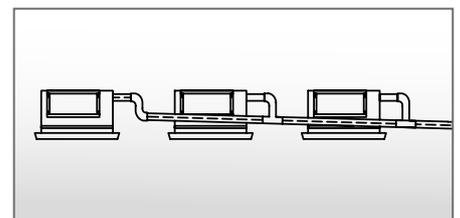
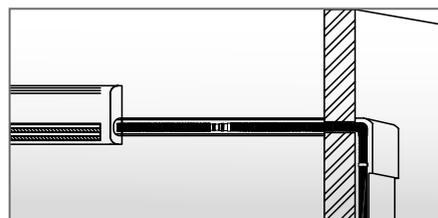
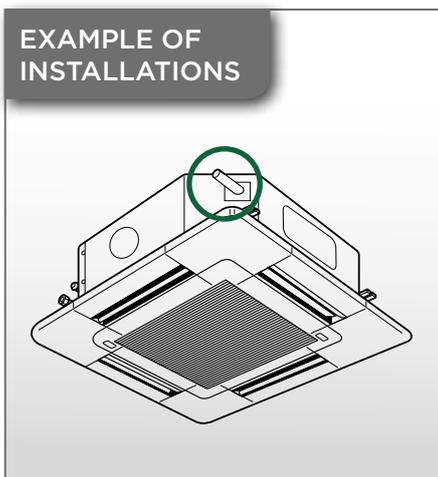
Rigid Drain Pipes	42
Drain Pipe Hoses	45
Pre-installation Boxes	46
Drain Pans - Trays	48

Rigid Drain Pipes



- Made of rigid PVC
- Self-extinguishing
- Conceived to be used only for condensation water without any pressure
- Chamfer before inserting them into a fitting
- We recommend the use of non-aggressive installation grease
- Coming soon: accessories to be glued

Ref	RDP.20	RDP.25	RDP.32
Ø EXT.	20 mm	25 mm	32 mm
	2 lm	2 lm	2 lm
	20 lm	20 lm	20 lm
	4080 lm	2600 lm	1540 lm



RDP 45° CONNECTION

COMING SOON



32 mm

20/25 mm

Ref	RDP20-C45	RDP25-C45	RDP32-C45
	20 pcs	20 pcs	20 pcs
	240 pcs	200 pcs	100 pcs

RDP EXTENSION

COMING SOON



32 mm

20/25 mm

Ref	RDP20-XT	RDP25-XT	RDP32-XT
	20 pcs	20 pcs	20 pcs
	240 pcs	200 pcs	100 pcs

RDP 90° CONNECTION

COMING SOON



32 mm

20/25 mm

Ref	RDP20-C90	RDP25-C90	RDP32-C90
	20 pcs	20 pcs	20 pcs
	240 pcs	140 pcs	100 pcs

RDP T-CONNECTION

COMING SOON



32 mm

20/25 mm

Ref	RDP20-T	RDP25-T	RDP32-T
	20 pcs	20 pcs	20 pcs
	160 pcs	100 pcs	60 pcs

REDUCER

COMING SOON



Ref	RDP25-20 RD	RDP32-25 RD
	20 pcs	20 pcs
	400 pcs	300 pcs

RDP-CLIP



- Can also be used for drain pipes

Ref	RDP20-CLIP	RDP25-CLIP	RDP32-CLIP
	20 pcs	20 pcs	20 pcs
	1920 pcs	1200 pcs	900 pcs

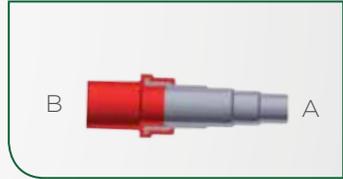
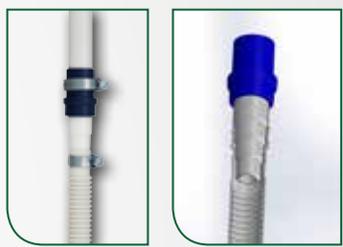
WE RECOMMEND THE USE OF HOSE CLAMPS TO ENSURE WATERTIGHTNESS

SIFON



Ref	SIFON-O
Ø A	20 mm
Ø B	16 - 18 mm
	20 pcs

CONDENSATION CONNECTION SOFT-RIGID



- We recommend the use of hose clamps (not supplied) to ensure watertightness

Ref	CCSR.16	CCSR.18	CCSR.20	CCSR.25	CCSR.32	CCSR.40
A Ø EXT	14-16-18-20	14-16-18-20	14-16-18-20	14-16-18-20	14-16-18-20	20-25-32
B Ø INT	16	18	20	25	32	40
Colour	Yellow	Red	Blue	Green	Grey	Ivory-white
	20 pcs					
	400 pcs	140 pcs				

TRANSPARENT DRAIN HOSE



Ref	A.DPT.95
EXT Ø	9 mm
INT Ø	6 mm
	50 lm
	100 rolls/pal

WE RECOMMEND THE USE OF HOSE CLAMPS TO ENSURE WATERTIGHTNESS

DRAIN PIPE



- Ivory white colour
- 50 ml hose in a carton box
- With regular cut marks
- Connects to Ø16, Ø18 and Ø20 mm systems

Ref	A.DP.96
Connections	16 - 18 - 20 mm
	50 lm
	90 rolls

DRAIN PIPE O-RING



- Ivory white colour
- 50 ml hose in a carton box
- With regular cut marks
- Connects to Ø18, Ø20 mm systems with O-ring

Ref	A.DP.97
Connections	18 - 20 mm O-ring
	50 lm
	90 rolls

DRAIN PIPE CO-EX



- Ivory white
- Co-extruded black inside
- Reduces the possibility of algae growth

Ref	A.DPX.96	A.DPX.97
Ø	16 - 18 - 20 mm	18 - 20 mm O-ring
	50 lm	50 lm
	90 rolls	90 rolls

DRAIN PIPE SMOOTH INSIDE



- Ivory / white colour

Ref	A.DPS.16	A.DPS.18	A.DPS.20
Ø	16 mm	18 mm	20 mm
	30 lm	30 lm	30 lm
	144 rolls	TBC	108 rolls

* Other lengths available on request

CONDENSATION CONNECT Y SMOOTH



- Connects to A.DPS Drain Pipe hoses

Ref	CCSY
Ø	Ø 16, Ø 18, Ø 20 mm
	20 pcs
	500 pcs

CONDENSATION CONNECT Y

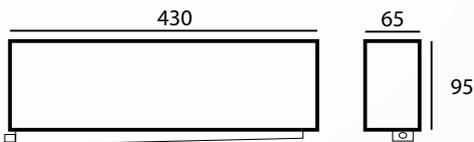


Ref	A.CCY
Ø	Ø 16, Ø 18, Ø 20 mm
Bottom	Ø 18 mm
	20 pcs
	1000 pcs

- Connects to A.DP(X)96-A.DP(X)97

Pre-installation boxes

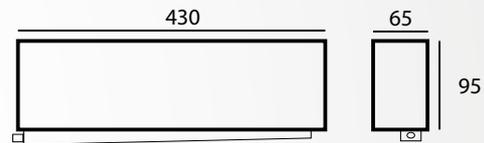
BOX WITH TWIN HORIZONTAL OUTLET



- Built-in box for pre-installation of air conditioning systems
- Connections for Ø16mm, Ø18mm and Ø20mm drain pipes

Ref	K-BOX 2HO
	20 pcs
	500 pcs

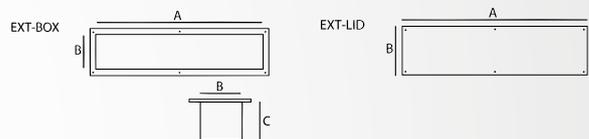
BOX WITH TWIN VERTICAL OUTLET



- Built-in box for pre-installation of air conditioning systems
- Connections for Ø16mm, Ø18mm and Ø20mm drain pipes

Ref	K-BOX 2VO
	20 pcs
	500 pcs

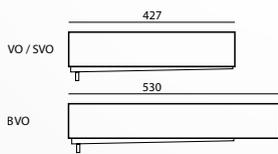
EXTERNAL



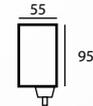
- Can be used both ways: "fit in" (1) or "fit on" (2)
- Line set cut out marks foreseen

Ref	EXT-BOX	EXT-LID
A	708 mm	715 mm
B	165 mm	160 mm
C	75 mm	//////
	10 pcs	100 pcs
	180 pcs	//////

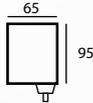
BOX WITH VERTICAL OUTLET



SVO



VO / BVO

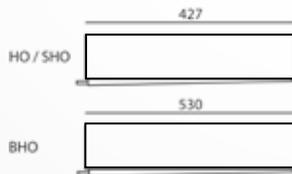


- Built-in box for pre-installation of air conditioning systems
- Connections for Ø16mm, Ø18mm and Ø20mm drain pipes

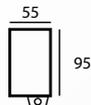
Ref	E-BOX VO-L	E-BOX SVO-L*	E-BOX BVO-L
	20 pcs	20 pcs	20 pcs
	600 pcs	600 pcs	480 pcs

* available on request

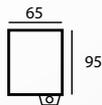
BOX WITH HORIZONTAL OUTLET



SHO



HO / BHO



- Built-in box for pre-installation of air conditioning systems
- Connections for Ø16mm, Ø18mm and Ø20mm drain pipes

Ref	E-BOX HO-L	E-BOX SHO-L*	E-BOX BHO-L
	20 pcs	20 pcs	20 pcs
	500 pcs	500 pcs	480 pcs

* available on request

CLOSED BOX



SCL



CL

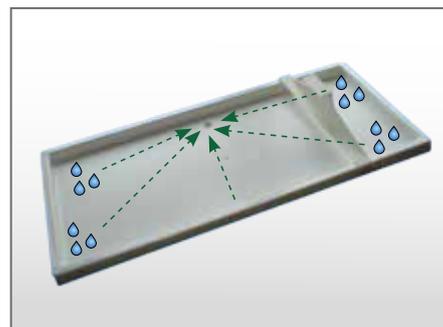


- Built-in box for pre-installation of air conditioning systems

Ref	E-BOX CL*	E-BOX SCL*
	20 pcs	20 pcs
	600 pcs	600 pcs

* available on request

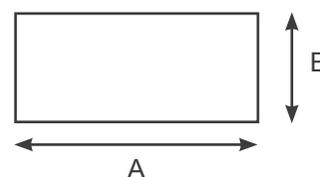
Drain Pans - Trays



TRAY FOR THE COLLECTION OF CONDENSATION WATER

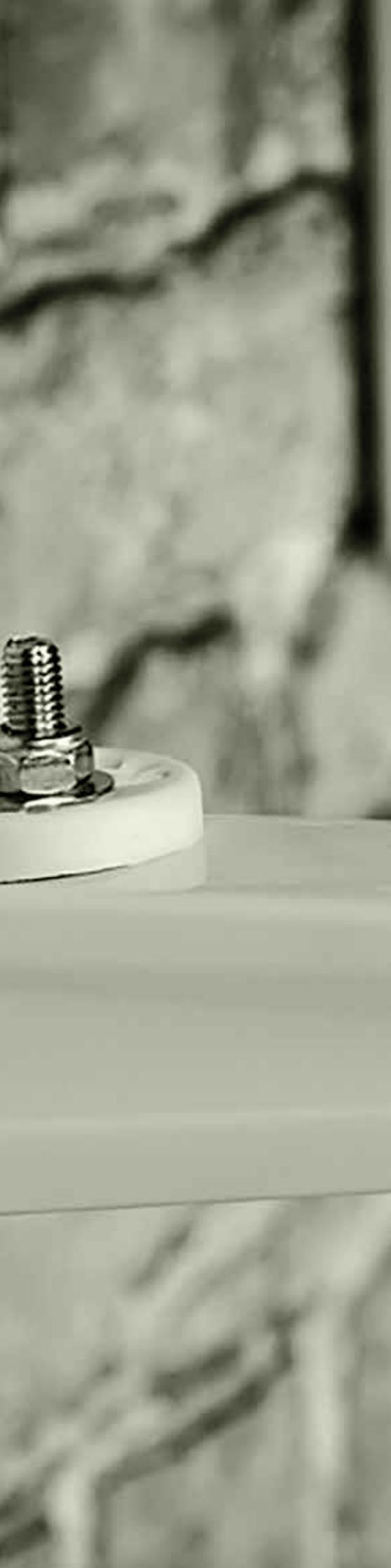
- Made from rigid UV stabilized plastic, 100% rust free
- Adjustable fixation to any kind of brackets
- Embedded water outlet of Ø 16 mm, Ø 18 mm and Ø 20 mm
- The 2 hang supports are made of glass fibre reinforced plastic and are 100% rust free
- Inside surface of the tray is slightly conical to lead the water to the outlet

Ref	TCCW.79 INDIV	TCCW.94 INDIV
A	790 mm	940 mm
B	390 mm	420 mm
	1 pc	1 pc
	75 pcs	70 pcs







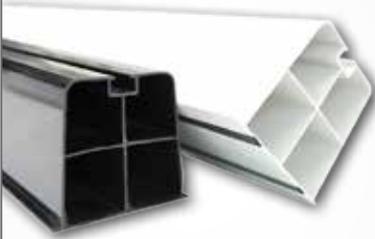


Support

Mountblocs - Base Pads	52
Frame Foot	54
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Wall Support	57
Special Support	61

Mountblocs - Base Pads

MOUNTBLOCK HEAVY



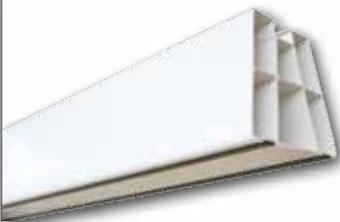
Ref.	EX.W038	EX.WB38	EX.WA38
Ref.	EX.038	EX.B38	EX.A38
	350 mm	450 mm	1000 mm
H	100 mm	100 mm	100 mm
	6 x 2 pcs	6 x 2 pcs	2 pcs
	576 pcs	480 pcs	190 pcs

MOUNTBLOCK LIGHT



Ref.	EX.W083	EX.WC83	EX.WA83
Ref.	EX.083	EX.C83	EX.A83
	350 mm	450 mm	1000 mm
H	100 mm	100 mm	100 mm
	6 x 2 pcs	6 x 2 pcs	2 pcs
	576 pcs	480 pcs	190 pcs

MOUNTBLOCK ECO



Ref.	EX.W137	EX.WB137	EX.WA137
Ref.	EX.137	EX.B137	EX.A137
	350 mm	450 mm	1000 mm
H	80 mm	80 mm	80 mm
	6 x 2 pcs	6 x 2 pcs	2 pcs
	756 pcs	660 pcs	448 pcs

BASE PADS



Ref.	CE.iBP350	CE.iBP450
Ref.	CE.BP350	CE.BP450
	350 mm	450 mm
H	78 mm	78 mm
	20 pcs	20 pcs
	1120 pcs	840 pcs

FLOOR FIX KIT



Ref.	A.12
	EX38-EX83-EX137-EX154
	4 pcs = 1 Set
	100 pcs = 25 sets

MOUNTBLOC RISER



NEW

- Especially for Heat Pumps
- Rises your outdoor unit to 17 cm

Ref.	EX.WB154	EX.WA154
Ref.	EX.B154	EX.A154
EX38-EX83		
	450 mm	1000 mm
	2 pcs	2 pcs
	TBC	TBC

END CAPS



Ref.	INJ.W181	INJ.W437	INJ.W568
Ref.	INJ.181	INJ.437	INJ.568
EX38-EX83		EX137	EX154
	4 pcs	4 pcs	4 pcs
	100 pcs	100 pcs	TBC

ANTI-VIBRATION PAD



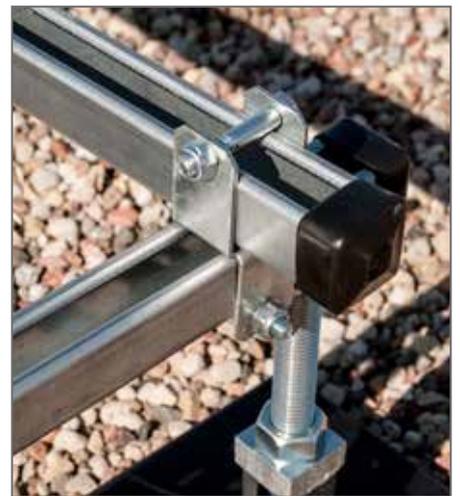
- Perform better than rubber or cork for equivalent size
- Made of a special composite foam core.
- More efficient at vibration dampening than solid rubber

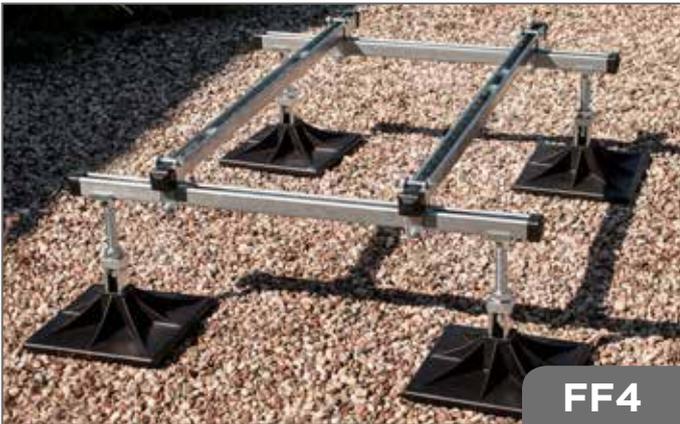
Ref.	MP-2E	MP-3E	MP-4E	MP-6E	MP-12E	MP-18E
	50 x 50 x 22 mm	75 x 75 x 22 mm	100 x 100 x 22 mm	150 x 150 x 22 mm	305 x 305 x 22 mm	455 x 455 x 22 mm
	48 pcs	36 pcs	24 pcs	24 pcs	12 pcs	6 pcs

Frame foot



- Heavy duty supporting systems for use on the ground or on flat roofs
- Adaptable height from 296 mm up to 415 mm
- Easily adjustable, even after installation
- Steel elements based on common struts channels
- Frame foot existing installations remain extendable
- Special dimensions available on request





Ref.	FF4	FF6	FF8	FF2-EXT
Kg	500	1040	1620	500
MAX SLC*	500 Kg/m ²	520 Kg/m ²	540 Kg/m ²	500 Kg/m ²

* Max Spreaded load capacity



- Industrial pipe and duct work support for use on the ground or on flat roofs
- Adaptable in height
- Can accept various section dimensions

Rubber blocks

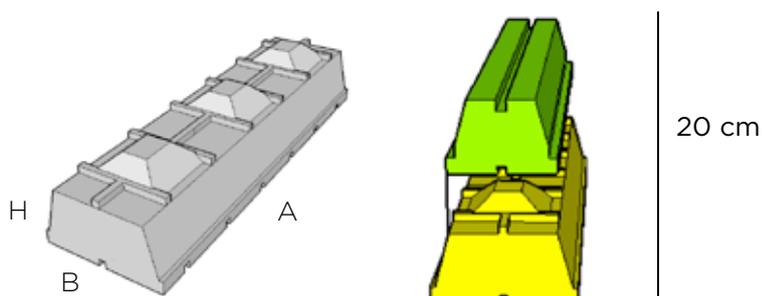


Ground base made of SBR compound, equipped with a fixation guide.

Features:

- Excellent noise and vibration damping
- Outdoor unit improved stability
- Moulded drain slots at the base of blocks

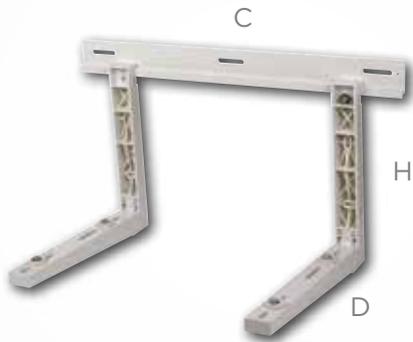
Ref	Rubber block 20 x 15 mm profile				Rubber block 41 x 21 mm profile		
	RB-632	RB-634	RB-636	RB-630	RB-734	RB-736	RB-730
A	250 mm	400 mm	600 mm	1000 mm	400 mm	600 mm	1000 mm
B	130 mm	130 mm	130 mm	130 mm	130 mm	130 mm	130 mm
C	95 mm	95 mm	95 mm	95 mm	95 mm	95 mm	95 mm
Kg	100 + 100	200 + 200	500 + 500	500 + 500	200 + 200	500 + 500	500 + 500
	4 pcs	2 pcs	2 pcs	1 pc	2 pcs	2 pcs	1 pcs
	216 pcs	162 pcs	108 pcs	70 pcs	162 pcs	108 pcs	70 pcs



Ref	Rubber block extension	
	RB-740	RB-746
A	1000 mm	600 mm
B	180 mm	180 mm
H	105 mm	105 mm

Wall Support

COMPOSITE BRACKETS



- **Corrosion free brackets ! Forget rust stains !**
- Fully made from composite materials (also the crossbar)
- Recommended for coastal environments.

Ref	SBP46-PUL	SBP46
D	460 mm	460 mm
H	410 mm	410 mm
C	790 mm	//////////
Kg	40 + 40	40 + 40
	98 pcs	98 pcs

SBU-HEAVY DUTY

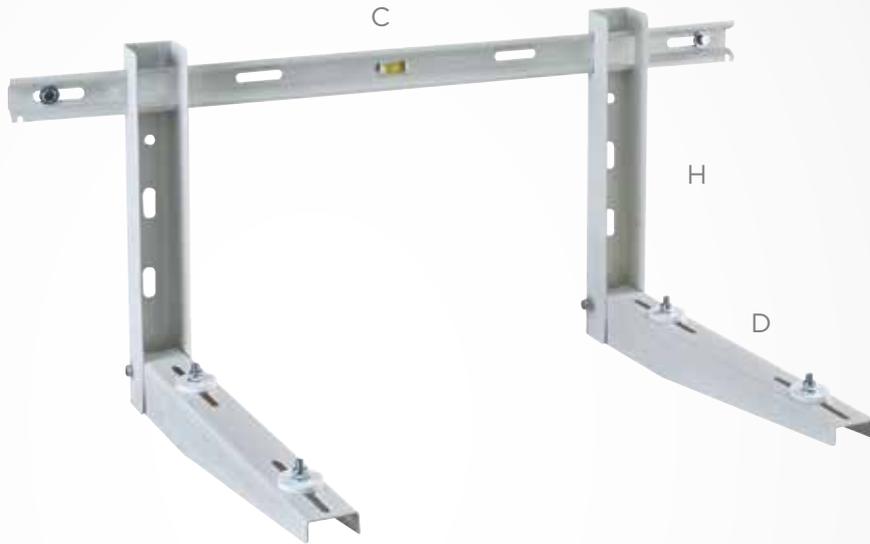


- **Improved load capacity**
- Easy and fast to install
- Pre-assembled with 1 screw
- Bracket arm fixation on the crossbar with unique sliding nut-holder
- Galvanized steel, powder coated ivory white
- With vibration damping accessories

Ref	SBU-4HD-1P	SBU-5HD-1P	SBU-6HD-1P
D	465 mm	550 mm	600 mm
H	400 mm	400 mm	400 mm
C	960 mm	960 mm	960 mm
Steel thick.	1,5 mm	1,5 mm	2 mm
Load Cap*	TBC	TBC	TBC
	TBC	TBC	TBC

*TBC : at the time of printing, the models still required certification test to be carried out.

FAST BRACKETS



S210P / S211P



S363P / S374-1P

- Easy and fast to install
- Pre-assembled with 1 screw
- Galvanized steel, powder coated ivory white
- With vibration damping accessories

Ref	S210P	S211P	S363P	S374-1P
D	420 mm	465 mm	560 mm	600 mm
H	400 mm	400 mm	400 mm	400 mm
C	780 mm	780 mm	800 mm	1000 mm
Steel thick.	1,5 mm	1,5 mm	1,5 mm	2 mm
Load cap	60 + 60	80 + 80	80 + 80	100 + 100
	150 pcs	150 pcs	143 pcs	64 pcs

Printed bracket load capacity is expressed without taking into account any safety factors. It is the customer's entire responsibility to gather enough information.



SBU BRACKETS



- Easy and fast to install
- Pre-assembled with 1 screw
- Bracket arm fixation on the crossbar with unique sliding nut-holder
- Galvanized steel, powder coated ivory white
- With vibration damping accessories

Ref	SBU01	SBU02	SBU03	SBU04
D	450 mm	450 mm	530 mm	530 mm
H	400 mm	400 mm	400 mm	400 mm
C	790 mm	960 mm	790 mm	960 mm
Steel thick.	1,5 mm	1,5 mm	1,5 mm	1,5 mm
Kg	80 + 80	80 + 80	80 + 80	80 + 80
	100 pcs	100 pcs	100 pcs	100 pcs

Printed bracket load capacity is expressed without taking into account any safety factors. It is the customer's entire responsibility to gather enough information.

WALL BRACKET WITHOUT CROSSBAR



- Pre-assembled with 1 screw
- Supplied with wall fixations, anti-vibration dampers and unit fixation screws

Ref	S110P	S111P
D	420 mm	465 mm
H	400 mm	400 mm
Steel thick.	1,5 mm	1,5 mm
kg	60 + 60	80 + 80
	160 pcs	160 pcs

WELDED WALL BRACKET



Ref	S501	S502	S504
A	420 mm	520 mm	600 mm
B	300 mm	300 mm	400 mm
C	2 mm	2 mm	2 mm
kg	130 + 130	130 + 130	100 + 100
	168 pcs	168 pcs	150 pcs

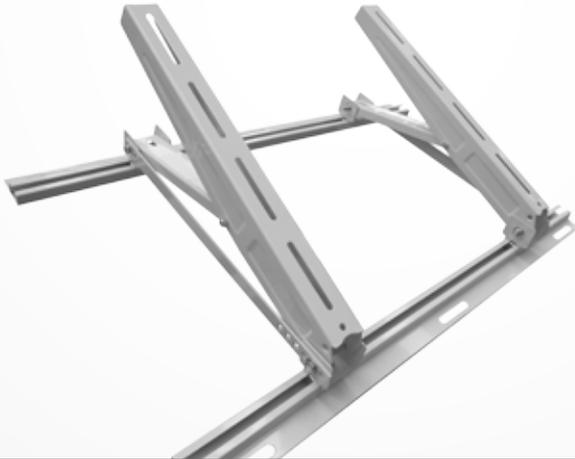
(FOOT) VIBRATION DAMPERS M8



Ref	BVDC0	BVDCY	FVDCO
Kg	150 Kg / set	150 Kg / set	150 Kg / set
	4 pcs / set	4 pcs / set	4 pcs / set
	50 sets	50 sets	75 sets

Special Support

ROOF BRACKET



Adjustable for roof slopes between 10° and 30°

- Galvanized steel
- Powder coated ivory white
- Supplied with assembling kit: set of bolts with
- anti-vibration dampers



Ref	(RBZ03) S-661
Arm / bras	520 mm
Crossbar	850 mm x 2
Kg	15° = 40 + 40 kg 30° = 75 + 75 kg
	60 pcs

FLOOR BRACKET



- Ivory white powder coated
- Galvanized steel
- Improved stability and load spreading
- Vertically and horizontally adjustable



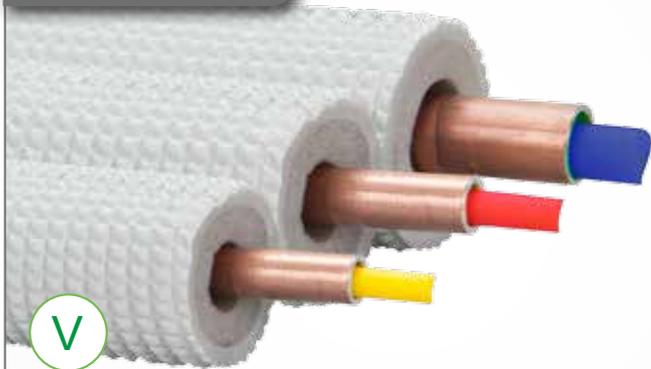
Ref	FLB01	S651
L	780 mm	600 - 860 mm
D	450 mm	450 mm
H	300 - 400 mm	350 - 500 mm
Kg	50 + 50	200 + 200
	144 pcs	66 pcs



Accessories

Accessories

LINE SET BENDER



BEND YOUR LINE SETS, DON'T KINK THEM !

- The tool that you need to bend line sets when installing split systems.
- Easiest way to bend twin tubes.
- Insert the flexible bender of the right diameter into the copper tube and bend at wished angle
- After bending, remove the benders, they are ready for the next installation !

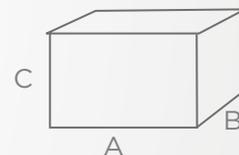
Don't do this



NEW

Ref	LBO1	LBO2	LBO3
∅	1/4"	3/8"	1/2"
	4 lm	4 lm	4 lm
	1 pc	1 pc	1 pc
	20 pcs	20 pcs	20 pcs

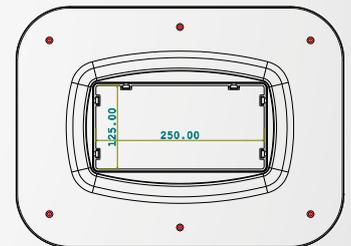
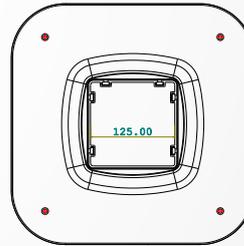
SPLIT COVER



- Protects your installation while minimizing its visual impact
- Made from treated wood (for outdoor use)
- Easy and fast installation :
 - Fixation holes pre-drilled
 - Complete assembly kit with adjustable feet
- Inclined roof avoiding water stagnation
- Can directly be painted as from treated wood
- Can be painted

Ref	SPC700	SPC950	SPC1600
A	950	1000	1150
B	500	500	500
C	700	950	1600
	1 pc	1 pc	1 pc
	5 pcs	5 pcs	5 pcs

ROOF INLET



- The right solution when line sets pass-through flat roofs
- UV resistant
- Fast assembly

Ref	RF1.125	RF1.250
A	125 mm	125 mm
B	125 mm	250 mm
	1 pc	1 pc
	30 pcs	32 pcs

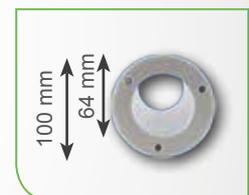
COVER FOR REFRIGERATION VALVES



- By set of ½ + ¼ inch covers
- Ensures protection of the valves
- Also available in black colour on request

Ref	CGT big + small
	10 pairs = 20 pcs

WALL SLEEVE



- Protects the copper tubes and the insulation from damage during the installation
- The escutcheon side covers indoor drill imperfections
- Cut to adjust to wall thickness, between 100mm and 350mm
- The hole should be made with a drill of 64 mm or 2,5 inch Ø

Ref	WSLV
	10 pcs
	500 pcs

Castel Hardware

FOR COLDROOM DOOR MANUFACTURERS

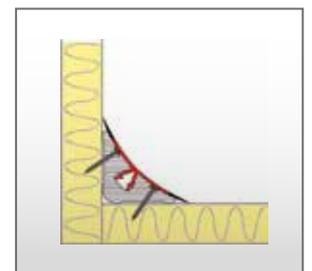
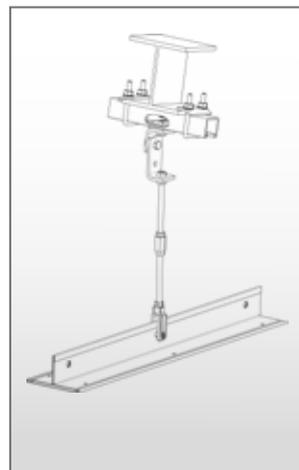
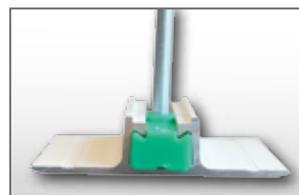
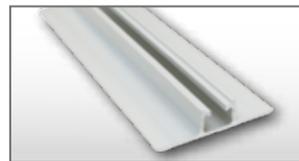


- Door fasteners and hinges
- Sliding Systems
- Door frames
- Gaskets



Castel Cool

FOR COLDROOM MANUFACTURERS



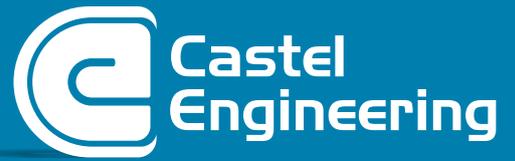
- Hygienic covings
- Ceiling suspensions
- Bumper profiles
- U-Channels
- OPTIMA Shelving

Looking for EU approved* Cleaners ?



* Disinfectants compliant to regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products text with EEA relevance

OJ L 167, 27.06.2012, p. 1-123 (BG, ES, CS, DA, DE, ET, EL, EN, FR, GA, IT, LV, LT, HU, MT, NL, PL, PT, RO, SK, SL, FI, SV) Special edition in croatian Chapter 13 Volume 049 P. 181 - 303



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