

Castel

Airco

BY CASTEL ENGINEERING

The accessories for an easy and complete professional installation

Castel Engineering 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.

With ideal locations for logistics, Castel Engineering Group of companies is proud to serve over 70 countries around the world. Castel Engineering Polska Sp zoo, located in Poland, takes care of the Eastern European markets. Rodigas srl, Italian manufacturer and a European leader in the production of brackets for air conditioning installations and many other accessories also for solar photovoltaic applications, joined our group in 2019.

Disclaimer:
V.2022-I-30-ENG
Hereinafter the terms “we”, “our”, “ourselves”, “us” refer to Castel Engineering sprl and Affiliates or sister companies. The products mentioned in this document are meant to be purchased, installed, periodically checked and maintained only by professionals specialised in Heating, in Ventilation, in Air-Conditioning or in Refrigeration (HVAC-R) that are supposed to have sufficient professional know-how to select the right product according to their intended use and their installation. Any product disposal is at the sole and entire responsibility and expense of the installer, and should be done in respect with all regulations in application at the installation site. We advise our customers to check whether the products they choose are appropriate for their intended use as their application, use, execution, installation and maintenance are carried out of our control. Those who in any way handle our products are sole responsible for determining (a) the suitability of the products for their intended use, (b) the appropriate manner of processing and maintaining the product to ensure safety and quality and (c) chemical, physical and health effects related to those activities, (d) to inform themselves in order to be able to decide if specific data are necessary prior to their installation in respect to climatic and environment conditions, norms and regulations in application at the locations of storage and installation, (e) to control if the supporting structure on which the product(s) will be installed is resistant enough for the intended use, (f) to use appropriate tools and fixing materials for the installation and for the maintenance. Customers, installers and third parties are sole responsible for damages or failures in performance resulting from misuse, abuse, neglect or improper handling, transporting or storage. Until installed our products must remain in their original packaging, sheltered from climatic conditions. Our warranty is exclusively limited to the supply of a product of constant quality according to our standards. If our product liability is confirmed , the limited warranty will only be such as, at our sole discretion, to make available equivalent or similar replacement goods in conformity to our standards of quality to replace the goods considered faulty. Notwithstanding the care we take to conceive and to manufacture our products, a little difference in the color can be noticed between batches of different production runs. This is inherent to our production processes and technological limits of our equipment . When mentioned, dimensions are rounded off and are not meant for manufacturing purposes. Tolerances apply. Unless specifically mentioned in the document, all data, whenever a notion of safety factor or safety parameter to be taken into account may implied or requested, is expressed without. Technical datasheets are available on written request. We reserve us the right to modify all data contained in this document without prior notice. We recommend you contact us before quoting your customers. The information in this document has been carefully checked and is believed to be accurate. However no responsibility is assumed nor for translating nor typographical nor for proofreading errors neither omissions. Due to the evolution of standards, materials, equipment or other reasons, the characteristics indicated by text or representations or illustrations or drawings and depicted products in this document are not binding for us until our services have specifically confirmed them. Unless otherwise specified, in all our communications, pricelists, quotations, order confirmations and other commercial documents, all our prices are always expressed without taxes.

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Castel Plus®

Roof inlets
Easybend®
Wall sleeve
Split covers
Anti vibration pads
Roof supports



protect the linesets
running the roof
with Flexy Tube
see next pages →

Flexy Cover Kit

The NEW cover kit , also for HEAT PUMPTS
Protects your linesets from the external unit to the wall when no ducts are needed.

CI902 ivory

- > 1x Wall connection piece
- > 1x Flexible hose
- > 1x Strechable End cap

Model	FCK.75
Part Nr	0508.00004.000
Diameter ø	80mm (3,15")
Flexible Length	1 M (3,28 ft)
Packing	1 BOX
Pallet	80 BOX



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Flexy Tube

50 M long flexible hose to cover and protect your linesets.
Ideal for long linesets running on roofs

CI902 ivory



Model	FLEX.60	FLEX.80
Part Nr	0103.00597.000	0103.00596.000
Diameter ø	60mm (3,15")	80mm (2,36")
Flexible Length	50 M (164,04 ft)	50 M (164,04 ft)
Packing	ROLL of 50 M (164,04 ft)	ROLL of 50 M (164,04 ft)
Packing	1 ROLL	1 ROLL
Pallet	6 ROLL (300 M)	5 ROLL (250 M)



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See also our Flexy Kit offers for our ducts

Mountblocks Heavy Duty 100mm

- ☐ White
- ☒ Black

- > 360 kg / 794 lbs max. allowable spread-load capacity per item*
- > Condenser unit fixation bolts included
- > Packaged in pairs
- > Suitable for a large range of units (mounting rail feature)
- > High quality (usable from -20°C/-4°F to +60°C/140°F in a static position)
- > UV Resistant



Model	EX.38-350	EX.B38-450	EX.A38-1000
Part Nr CW	0502.00001.007	0502.00002.007	0502.00003.0009
Part Nr Black	0502.00001.008	0502.00002.0008	0502.00003.010
Length	350mm (13,78")	450mm (17,72")	1000mm (39,37")
Width x Height	100x100mm (3,94 x 3,94")	100x100mm (3,94 x 3,94")	100x100mm (3,94 x 3,94")
Packing	1 BOX = 6 x 2 pcs	1 BOX = 6 x 2 pcs	1 BOX = 2 pcs
Pallet	48 BOX (576 pcs)	40 BOX (480 pcs)	95 BOX (190 pcs)

Mountblocks Eco 100mm

- ☐ White
- ☒ Black

- > 160 kg / 350 lbs max. allowable spread-load capacity per item*
- > Suitable for a large range of units (mounting rail feature)
- > High quality (usable from -20°C/-4°F to +60°C/140°F in a static position)
- > UV Resistant
- > Condenser unit fixation bolts included



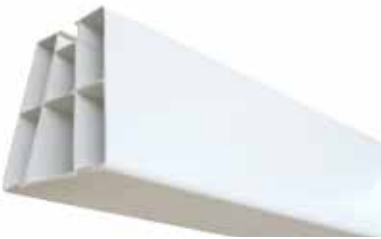
Model	EX.83-350**	EX.C83-450	EX.A83-1000**
Part Nr CW	0502.00007.007	0502.00008.007	0502.00009.009
Part Nr Black	0502.00007.008	0502.00008.008	0502.00010.010
Length	350mm (13,78")	450mm (17,72")	1000mm (39,37")
Width x Height	100x100mm (3,94 x 3,94")	100x100mm (3,94 x 3,94")	100x100mm (3,94 x 3,94")
Packing	1 BOX = 6 x 2 pcs	1 BOX = 6 x 2 pcs	1 BOX = 2 pcs
Pallet	48 BOX (576 pcs)	40 BOX (480 pcs)	95 BOX (190 pcs)

* Based on tests carried out on 450mm model. Check safety parameters that are appropriate for your intended use and contact us if necessary.
** Available only on request

Mountblock Mini 80mm

- ☐ White

- > 120 kg / 265 lbs max. allowable spread-load capacity per item*
- > Unit fixation bolts included
- > Suitable for a large range of units (mounting rail feature)
- > High-quality (usable from -20°C/-4°F to +60°C/140°F in a static position)



Model	EX.137-350	EX.B137-450	EX.A137-1000
Part Nr CW	0502.00012.007	0502.00013.008	0502.00017.009
Length	350mm (13,78")	450mm (17,72")	1000mm (39,37")
Width x Height	80x80mm (3,15 x 3,15")	80x80mm (3,15 x 3,15")	80x80mm (3,15 x 3,15")
Packing	1 BOX = 6 x 2 pcs	1 BOX = 6 x 2 pcs	1 BOX = 2 pcs
Pallet	63 BOX (756 pcs)	55 BOX (660 pcs)	95 BOX (190 pcs)

Mountblock End Cap

- ☐ White
- ☒ Black

- > For Mountblock Heavy Duty (EX.38) and Mountblock Eco (EX.83)



Model	INJ.181
Part Nr CW	0502.00018.036
Part Nr Black	0502.00018.040
Small Packing	1 SET = 4 pcs
Packing	25 SETS (100 pcs)

Mountblock End Cap 'Mini'

- ☐ White

- > For Mountblock Mini (EX.137)



Model	INJ.437
Part Nr CW	0502.00019.036
Small Packing	1 SET = 4 pcs
Packing	25 SETS (100 pcs)

Mountbloc Fixation Kit

- > The solution to secure the mountblocs to the ground**



A.12

Model	A.12
Part Nr	0502.00020.000
Set contents	4 fixation plates + 4 anchor bolts
Small Packing	1 SET in a bag
Packing	25 SETS

*Based on tests carried out on 450mm model. Check safety parameters that are appropriate for your intended use and contact us if necessary.

Anti-vibration Pads

- > Performs better than rubber or cork for equivalent size
- > Special composite foam core
- > More efficient than solid rubber vibration damping
- > Ideal for vibration suppression of residential-packaged condensing units



Model	MP-2E	MP-3E	MP-4E	MP-6E
Part Nr	0901.00001.E02	0901.00001.E03	0901.00001.E04	0901.00001.E06
Dimensions (mm)	50 x 50 x 22 mm	75 x 75 x 22 mm	100 x 100 x 22 mm	150 x 150 x 22 mm
Dimensions (inch)	1,97 x 1,97 x 0,87"	2,95 x 2,95 x 0,87"	3,94 x 3,94 x 0,87"	5,90 x 5,90 x 0,87"
Packing	48 pcs	36 pcs	24 pcs	24 pcs
PALLET	8640 pcs	4320 pcs	2400 pcs	864 pcs



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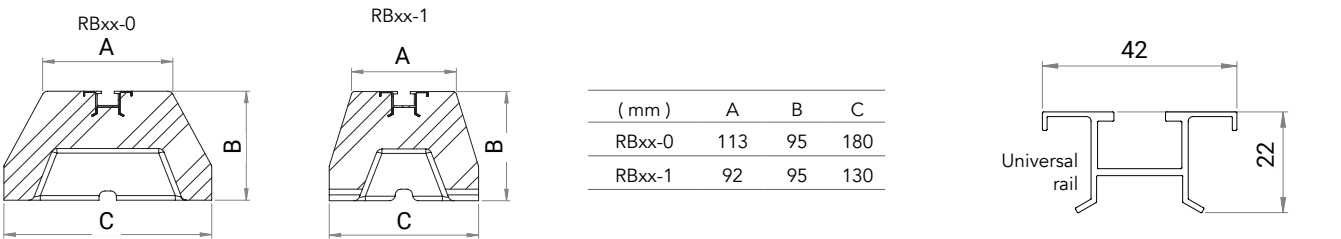
Rubber Blocks

- > Universal rail: 42 x 22 mm (for other rail design, contact us)
- > Widths : 180 mm or 130 mm
- > Bolt set is included (not in riser blocks)
- > Blocks strapped per pair (not the risers)

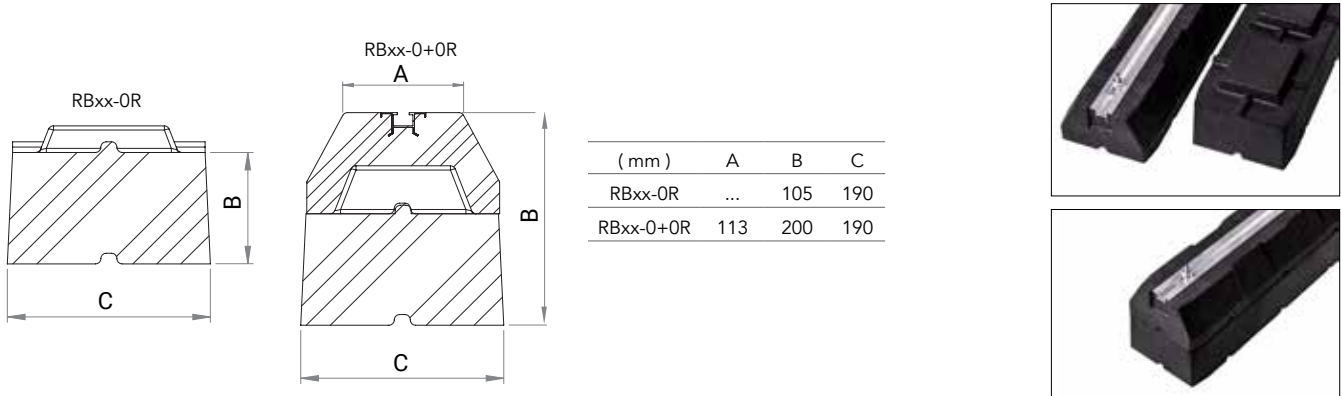


Model	RB25-0/180	RB40-0/180	RB60-0/180	RB100-0/180
Part Nr	0502.02528.000	0502.04028.000	0502.06028.000	0502.01028.000
Length x Width x Height	250 x 180 x 95 mm	400 x 180 x 95 mm	600 x 180 x 95 mm	1000 x 180 x 95 mm
Length x Width x Height	9,84 x 7,09 x 3,74"	15,75 x 7,09 x 3,74"	23,62 x 7,09 x 3,74"	39,37 x 7,09 x 3,74"
Spread Load /pc	120 kg	180 kg	300 kg	350 kg
Packing	1 SET = 2 pcs	1 SET = 2 pcs	1 SET = 2 pcs	1 SET = 2 pcs
Pallet	90 SETS (180 pcs)	60 SETS (120 pcs)	40 SETS (80 pcs)	20 SETS (40 pcs)

Model	RB25-1/130	RB40-1/130	RB60-1/130	RB100-1/130,
Part Nr	0502.12528.000	0502.14028.000	0502.16028.000	0502.11028.000
Length x Width x Height	250 x 130 x 95 mm	400 x 130 x 95 mm	600 x 130 x 95 mm	1000 x 130 x 95 mm
Length x Width x Height	9,84 x 5,12 x 3,74"	15,75 x 5,12 x 3,74"	23,62 x 5,12 x 3,74"	39,37 x 5,12 x 3,74"
Spread Load /pc	120 kg	180 kg	300 kg	350 kg
Packing	1 SET = 2 pcs	1 SET = 2 pcs	1 SET = 2 pcs	1 SET = 2 pcs
Pallet	135 SETS (270 pcs)	90 SETS (180 pcs)	60 SETS (120 pcs)	36 SETS (72 pcs)



Model	RB-RISER 60-0/180	RB-RISER 100-0/180
Part Nr	0502.26028.000	0502.21028.000
Length x Width x Height	600 x 180 x 105 mm	1000 x 180 x 105 mm
Length x Width x Height	23,62 x 7,09 x 4,13"	39,37 x 7,09 x 4,13"
Spread Load /pc	300 kg	300 kg
Packing	1 pc	1 pc
Pallet	72 pcs	36 pcs

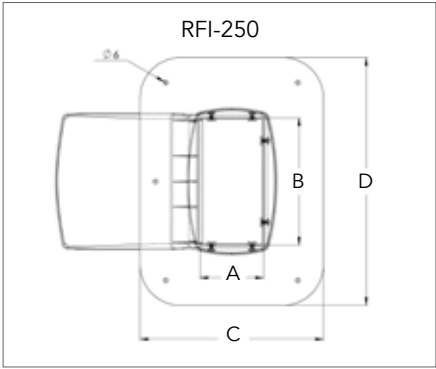
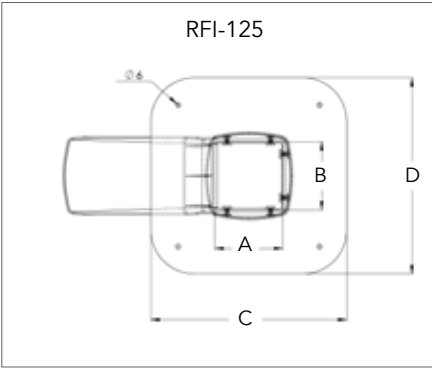
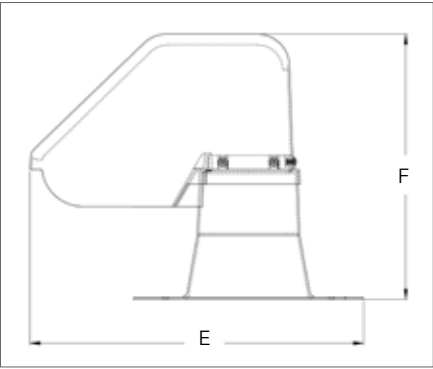


Roof Inlet



White

- > The right solution for rooftop installation requiring linesets to run through the roof.



Model	RFI-125	RFI-250
Part Nr	0508.00007.037	0508.00006.037
Colour	white	white
Inside dimensions A x B	125 x 125 mm (4,92 x 4,92")	125 x 250 mm (4,92 x 9,84")
Outside dimensions C x D	360 x 360 mm (14,17 x 14,17")	360 x 490 mm (14,17 x 19,29")
Outside dimensions E x F	520 x 415 mm (20,47 x 16,34")	530 x 420 mm (20,87 x 16,54")
Packing	1 PC	1 PC
Pallet	30 PCS	32 PCS

SEE ALSO OUR OTHER FLEXIBLE ROLLS in previous pages of this section "Castel Plus"

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Easybend

Air conditioning lineset bender
No more kinks or leaks when bending your linesets

- > The tool that you need to bend linesets when installing split systems
- > Easiest way to bend dual tubes without damaging their insulation
- > Reusable after cleaning!
- > No need for springs or heavy equipment!
- > Only for linesets made from soft copper



Insert the flexible bender of the right diameter into the copper tube



Bend to required angle.



Retract the flexible bender.



Reusable if kept clean. The benders are ready for the next installation.



No more kinks or leaks when bending your linesets



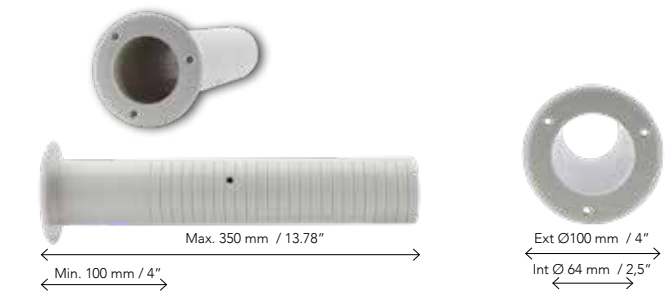
Scan QR-code and watch the easy-to-use video

Model	EZB				EZB-XT*
Part Nr	0508.00010.000				0508.00011.000
Colour	Red	Green	Yellow	Blue	White
ø (mm) fits tube	4mm for 1/4"	6mm for 3/8"	9mm for 1/2"	12mm for 5/8"	16mm for 3/4"
Length	4 M (13,12 ft)	4 M (13,12 ft)	4 M (13,12 ft)	4 M (13,12 ft)	4 M (13,12 ft)
Small Packing	1 SET contains the 4 different diameters (=colours) / BAG				1 SET per BAG
Packing	15 SETS / BOX				10 SETS / BOX
PALLET	135 SETS				90 SETS

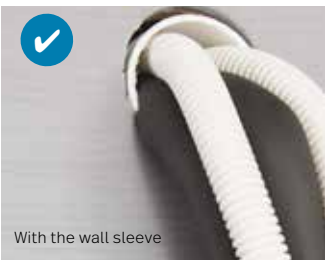
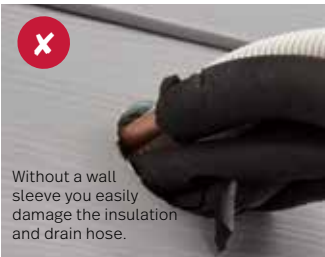
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Wall Sleeve

- White
- > Protects the insulation of the lineset tubes from damage when passing through the wall
 - > The collar covers indoor drill imperfections
 - > Cut to adjust to wall tickness, between 100mm / 3,94" and 350mm / 13.78"
 - > The hole should be made with a diameter of 64mm / 2.52"

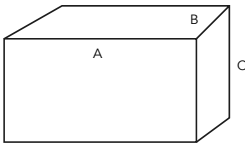


Model	WSLV
Part Nr	0508.00005.028
Colour	white
Packing	10 pcs
PALLET	320 pcs



Split Covers

- > Protects your installation while minimizing its visual impact
- > Made from treated wood (for outdoor use)
- > Easy & fast installation
- > Inclined roof avoiding water stagnation
- > Can be painted if required
- > Allows air flow
- > Stainless steel screws



Model	SPC700	SPC950	SP1600
Part Nr	0516.00001.000	0516.00001.001	0516.00001.002
Outside Width (A)	1110mm (43,31")	1160mm (45,67")	1360mm (53,54")
Inside Width (A)	950mm (37,40")	1000mm (39,37")	1200mm (47,22")
Outside Depth (B)	580mm (22,83")	580mm (22,83")	580mm (22,83")
Inside Depth (B)	540mm (21,26")	540mm (21,26")	540mm (21,26")
Outside Height (C)	740mm (29,13")	990mm (38,98")	1580mm (62,20")
Inside Height (C)	720mm (38,35")	970mm (38,19")	1560mm (61,42")
Packing	10 pcs /PAL	10 pcs /PAL	5 pcs /PAL

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Roof Bracket

- > Adjustable for sloped roof (min 9°, max 45°)
- > Galvanized steel, powder coated ivory white
- > With vibration damping accessories

Model	MT650
Part Nr	0501.00016.059
Colour	ivory white
Crossbar	800mm (31,50")
Arm Length	520mm (20,47")
Max spread load *capacity	140 kg (308,6 lbs)
Packing	1 PC
PALLET	108 pcs



Vibration Dampers

- > Rubber vibration dampers.
- > Manufactured from natural rubber (55° Sh A)
- > External M8-male threaded rod + nuts + washers
- > Foreseen to combine with brackets



Model	BVDCO	BVDCY	FVDCO
part Nr	0503.00002.006	0503.00001.006	0503.00003.006
Part shape	Conical	Cylindrical	Foot
Dimensions (rubber body) mm	30 x 45 x 25 (h)mm	30 x 30 x 30 (h) mm	35 x 50 x 15 (h) mm
Dimensions (rubber body) (")	1,18 x 1,77 x 0,99" (h) inch	1,18 x 1,18 x 1,18" inch	1,38 x 1,97 x 0,59" (h)
Thread	M8	M8	M8
Max spread load*capacity	150 kg (330 lbs) / SET	150 kg (330 lbs) / SET	150 kg (330 lbs) / SET
Packing	4 pcs / SET	4 pcs / SET	4 pcs / SET
Small Packing	50 SETS (200 pcs)	50 SETS (200 pcs)	75 SETS (300 pcs)
PAL	1800 SETS (36 BOX)	2400 SETS (48 BOX)	1800 SETS (24 BOX)

* Maximum spread load capacity : expressed for spread loading both arms of the bracket

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