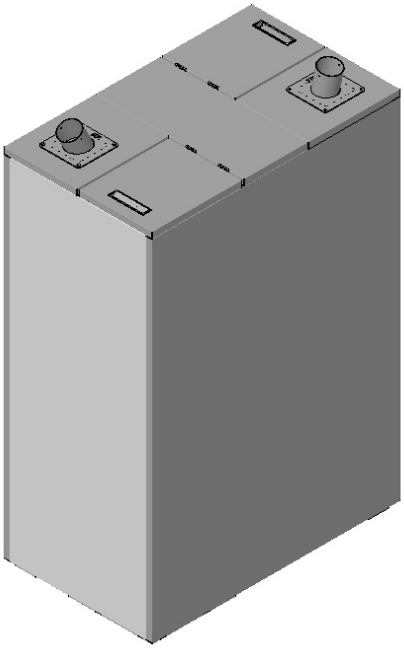
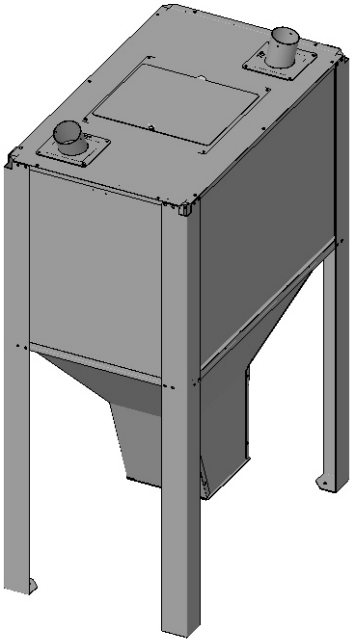




300KG REMOTE TANK AND ACCESSORIES

Instructions in English

red

8901403400

INTRODUCTION

EN

Dear Customer,
Our boilers are designed and built in compliance with the European standard EN 303-5 (manual or automatic loading solid fuel boilers). They also meet the essential requirements of directive 2006/95/EC (Low Voltage) and directive 2004/108/EC (Electromagnetic Compatibility).
To get the best performance out of your boiler, we suggest you read the instructions in this manual carefully before starting it up for the first time.
This installation and use manual forms an integral part of the product: ensure that the manual is always supplied with the device, even if the boiler changes owner. If the manual is lost, you can request another copy from the local technical service or download it directly from the company website.
All local regulations, including those regarding national and European regulations, must be respected when the device is installed.
In Italy, for the installation of devices with biomass lower than 35KW, refer to ministerial decree 37/08, and the qualified installation technician with the appropriate requisites must issue a certificate of compliance for the system installed.

REVISIONS TO THE PUBLICATION

The content of this manual is strictly technical and the property of MCZ Group Spa.
No part of this manual may be translated into other languages, adapted or reproduced, even in part, in other mechanical or electronic forms, photocopies, recordings or other, without the prior written authorisation from MCZ Group Spa.
The company reserves the right to make changes to the product at any time without prior notice. The proprietary company reserves its rights according to the law.

CARE OF THE MANUAL AND HOW TO CONSULT IT

- Take care of this manual and keep it in an easily accessible place.
- Should the manual be misplaced or ruined, request a copy from your retailer or directly from the authorised Technical Assistance Department. It can be downloaded from the company website.
- The "**text in bold**" must be read with particular care.
- The "*text in italics*" draws attention to other sections in this manual or clarifications.
- "NOTE" provides the reader with additional information.
-

SYMBOLS USED IN THE MANUAL

ATTENTION:
Read the relative message with care because **failure to observe the information provided could result in serious damage to the product and danger to the persons who use it**.

INFORMATION:
failure to comply with these provisions will compromise the use of the product.

1-WARNINGS AND WARRANTY CONDITIONS

EN

SAFETY PRECAUTIONS

- **Installation, electrical connection, function test and maintenance must only be carried out by authorised and qualified personnel.**
- **Install the product in accordance with all local and national legislation and regulations in force in the region or state.**
- The instructions provided in this manual must always be complied with to ensure the product and any electronic appliances connected to it are used correctly and accidents are prevented.
- The user, or whoever is operating the product, must read and fully understand the contents of this installation guide before performing any operation. Errors or incorrect settings can cause hazardous conditions and/or poor operation.
- *All liability for improper use of the product is entirely borne by the user and relieves the Manufacturer from any civil and criminal liability.*
- Any type of tampering or unauthorised replacement with non-original spare parts could be hazardous for the operator's safety and relieves the company from any civil and criminal liability.
- The product must be powered by an electrical system that is equipped with an effective earthing device.
- Switch the product off in the event of a fault or malfunction.

WARRANTY CONDITIONS

The company guarantees the product, **with the exception of elements subject to normal wear** listed below, for a period of **2 (two) years** from the date of purchase attested by:

- a document to serve as proof of purchase (invoice and/or receipt) that shows the name of the vendor and the date on which the purchase was made;
- forwarding of the completed certificate of guarantee within 8 days of purchase.

Furthermore, in order for the guarantee to be valid, the device must be installed and calibrated by qualified personnel, and where necessary, the user must be issued with a declaration of conformity and correct functioning of the product.
We suggest performing the product function test before completing the finer calibrations.
Any installation that fails to comply with the regulations in force will invalidate the product guarantee, as will improper use or failure to carry out the maintenance prescribed by the manufacturer.
The guarantee is valid on the condition that the instructions and warnings contained in the use and maintenance manual are observed, and therefore the product is used correctly.
The replacement of the entire system or the repair of one of its components does not extend the guarantee period, and the original expiry date remains unchanged.
The guarantee covers the replacement or free repair **of parts recognised as being faulty at source due to manufacturing defects.**
To benefit from the guarantee, in the event of a fault, the customer must have the guarantee certificate and present it with the proof of purchase document to the Technical Assistance Office.

EXCLUSIONS

The guarantee does not cover malfunctions and/or damage to the appliance that arise due to the following causes:

- Damage caused during transportation or relocation
- all parts that develop faults due to negligence or improper use, incorrect maintenance, installation that does not comply with the manufacturer's instructions (always refer to the installation and use manual provided with the appliance)
- incorrect dimensioning with regards to the use or faults in the installation or failure to adopt the necessary devices to guarantee proper execution
- improper overheating of the equipment, use of fuels not conforming to the types and quantities indicated in the instructions provided
- further damage caused by incorrect user interventions in an attempt to fix the initial fault
- worsening of the damage caused by the user continuing to operate the appliance even after the fault has been noticed
- any corrosion, incrustation or cracking caused by water flow, condensation, hardness or acidity of the water, improper de-scaling treatments, lack of water, mud or limescale deposits
- inefficiency of chimneys, flues or parts of the system affecting the appliance

- damage due to appliance tampering, weathering, natural disasters, acts of vandalism, lightning, fire
- defects of the electrical and/or hydraulic system.

Also excluded from this guarantee are:

- parts subject to normal wear such as seals, glass, claddings and cast iron grids, painted parts, handles and electric cables, bulbs, indicator lights, knobs, all removable parts from the firebox.
- Chrome variations of painted parts.
- masonry work
- parts of the system not supplied by the manufacturer

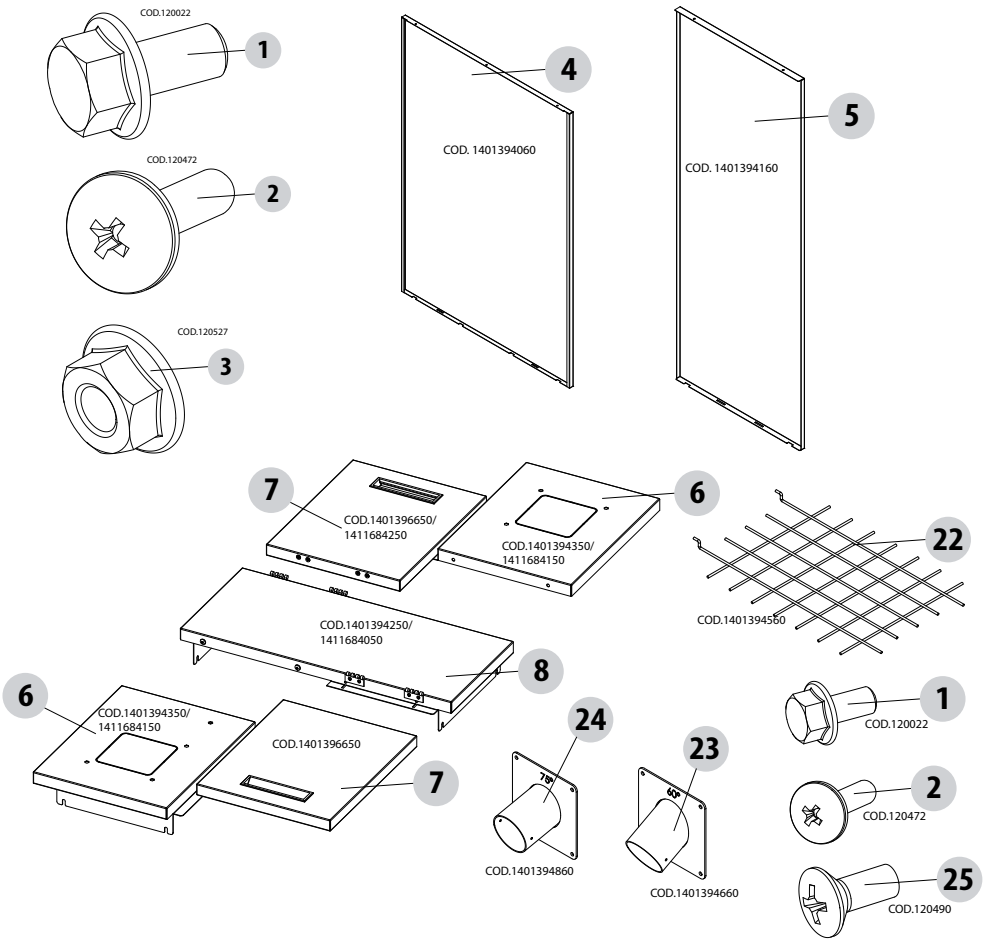
Any technical interventions on the product to eliminate the defects mentioned above and consequent damages must be agreed upon with the Technical Assistance Centre, who reserves the right to accept the relative appointment or not. However, said interventions will not be carried out under the guarantee but as technical assistance to be granted as part of any eventual and specific agreed conditions and in accordance with the fee applicable for the work to be carried out.
The user will also be charged for any costs incurred to remedy the incorrect technical interventions, tampering or damage to the appliance, not attributable to original faults.
Save for the legal or regulatory limits, the guarantee does not cover the containment of atmospheric and acoustic pollution.

The company declines all liability for any damage which may be caused, directly or indirectly, to persons, animals or objects as a consequence of non compliance with any prescription specified in the manual, especially warnings regarding installation, use and maintenance of the appliance.

WARNINGS FOR THE CORRECT DISPOSAL OF THE PRODUCT.

The owner is the sole party responsible for demolishing and disposing of the stove, which must be performed in compliance with laws related to safety and environmental protection in force in his/her country.
At the end of its working life, the product must not be disposed of as urban waste.
It must be taken to a special differentiated waste collection centre set up by the local authorities or to a retailer that provides this service.
Separating and recycling prevents potential negative effects on the environment and health (often caused by inappropriately disposing of product parts). It also allows materials to be recovered in order to obtain significant savings in energy and resources.

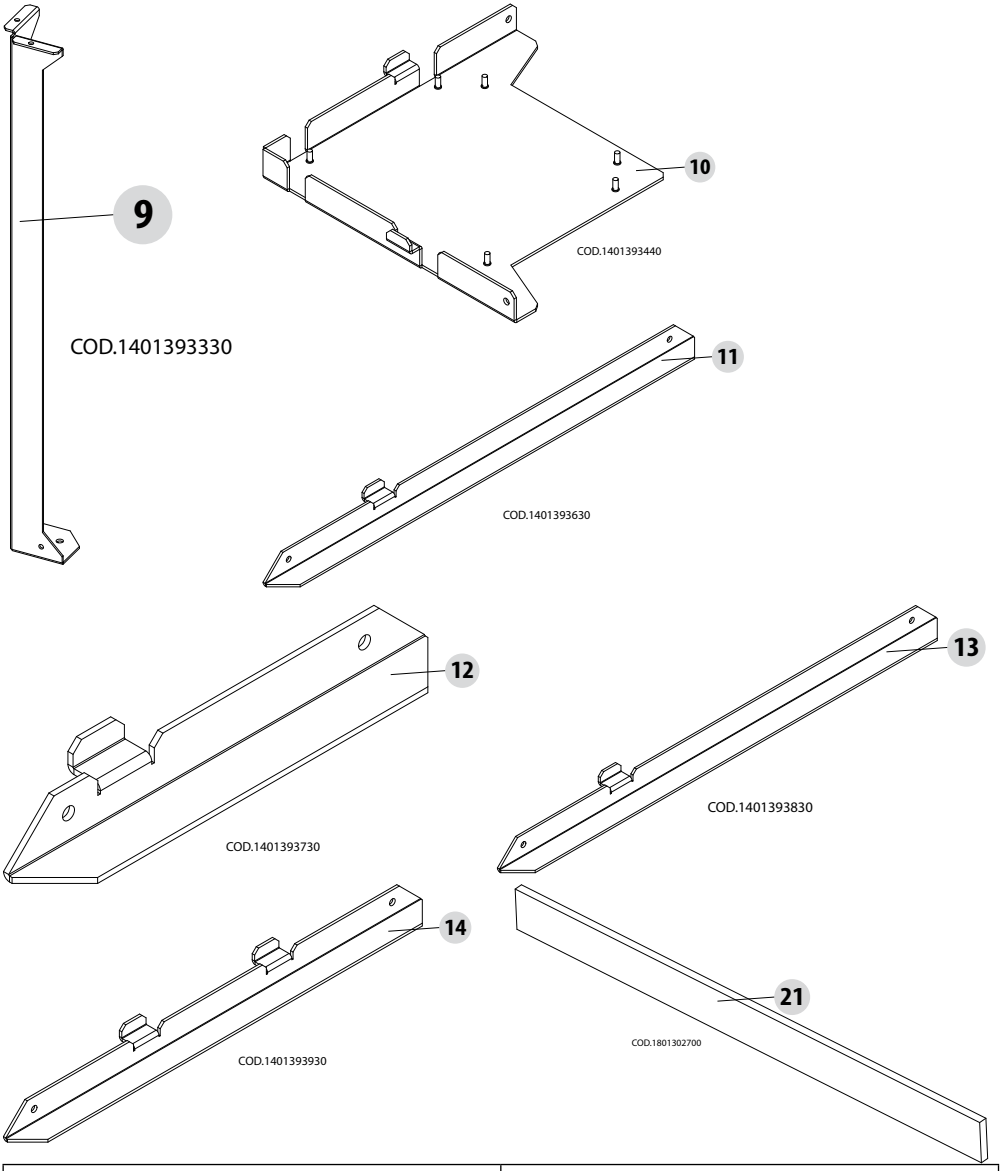
40A13024/40A16010 - 300 KG REMOTE TANK



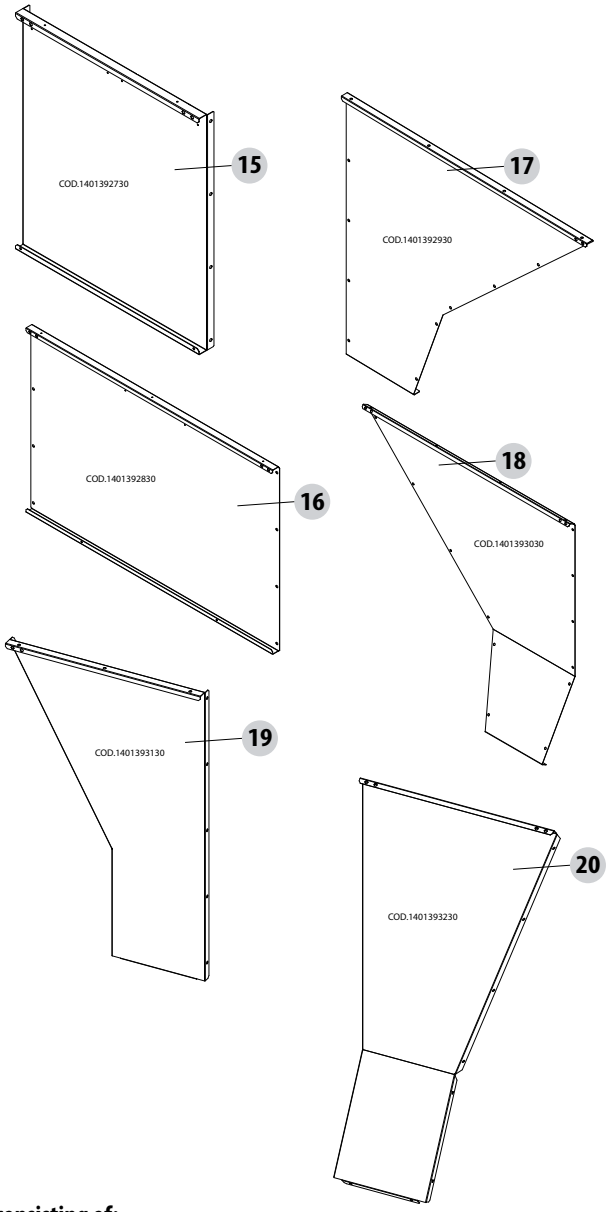
1 - (CODE 120022) M5X10 HEX HEAD SCREW 61 PIECES	4 - (CODE 1401394060) DECORATIVE SIDE PANEL 2 PIECES
2 - (CODE 120472) 4.2X16 SCREW 18 PIECES	5 - (CODE 1401394160) DECORATIVE PANEL 2 PIECES
3 - (CODE 120527) FLANGED NUT 69 PIECES	

CODE 1401396350 DECORATION OF 300 TANK TOP consisting of:

6 - FEED PIPE INLET 2 PIECES	24 - 75° FEED SCREW BUSHING 1 PIECE
7 - EXTERNAL TANK DOOR 2 PIECES	1 - M5X10 HEX HEAD SCREW 8 PIECES
8 - TOP DECORATIVE CROSSBEAM 1 PIECE	2 - 4.2X16 SCREW 4 PIECES
22 - PROTECTIVE GRID 2 PIECES	25 - M4X10 SCREW 8 PIECES
23 - 60° FEED SCREW BUSHING 1 PIECE	

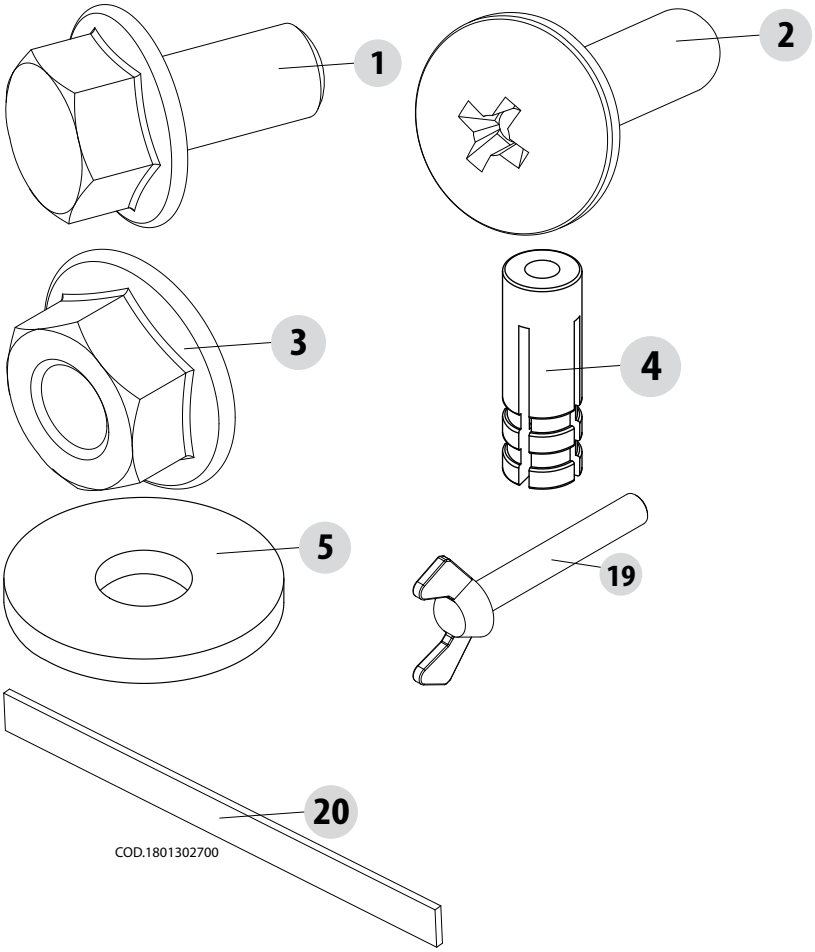


9 - (CODE 1401393330) TANK UPRIGHT 3 PIECES	13 - (CODE 1401393830) TANK RIGHT LOW. BRACE 1 PIECE
10 -(CODE 1401393440) TANK SUPPORT 1 PIECE	14 - (CODE 1401393930) TANK LEFT LOW. BRACE 1 PIECE
11 - (CODE 1401393630) TANK LEFT LOW. BRACE 1 PIECE	21 - (CODE 1801302700) GASKET
12 - (CODE 1401393730) TANK LOW. REAR BRACE 1 PIECE	22 - (CODE 1201305200) M5 BRASS PLUG 3 PIECES (WITHOUT DRAWING)



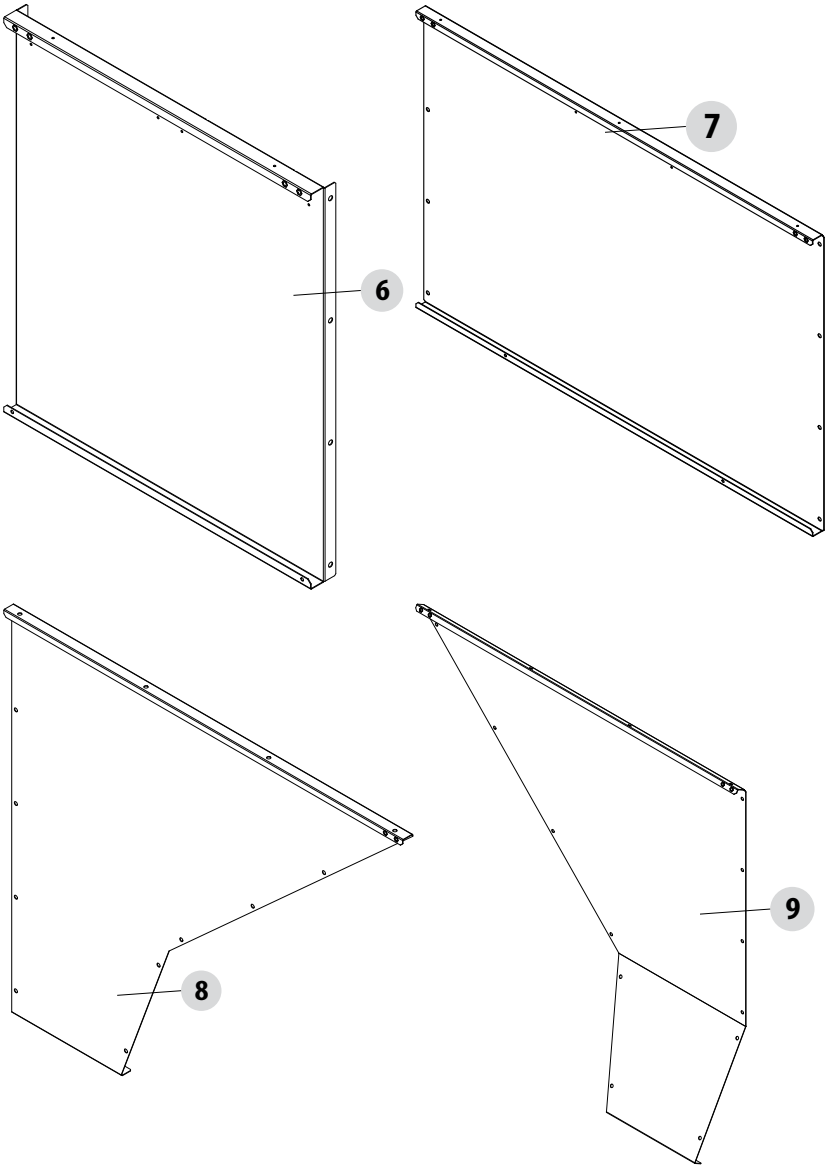
COMPLETE 300 TANK consisting of:

15 - (CODE 1401392750) TANK UPP. FRONT PANEL 2 PIECES	19 - (CODE 1401393150) TANK LOWER BACK PANEL 1 PIECE
16 -(CODE 1401392850) TANK UPP. SIDE PANEL 2 PIECES	20 - (CODE 1401393250) TANK LOW. FRONT PANEL 1 PIECE
17 - (CODE 1401392950) TANK LEFT LOWER SIDE PANEL 1 PIECE	
18 - (COD.1401393050) TANK RIGHT LOWER SIDE PANEL 1 PIECE	

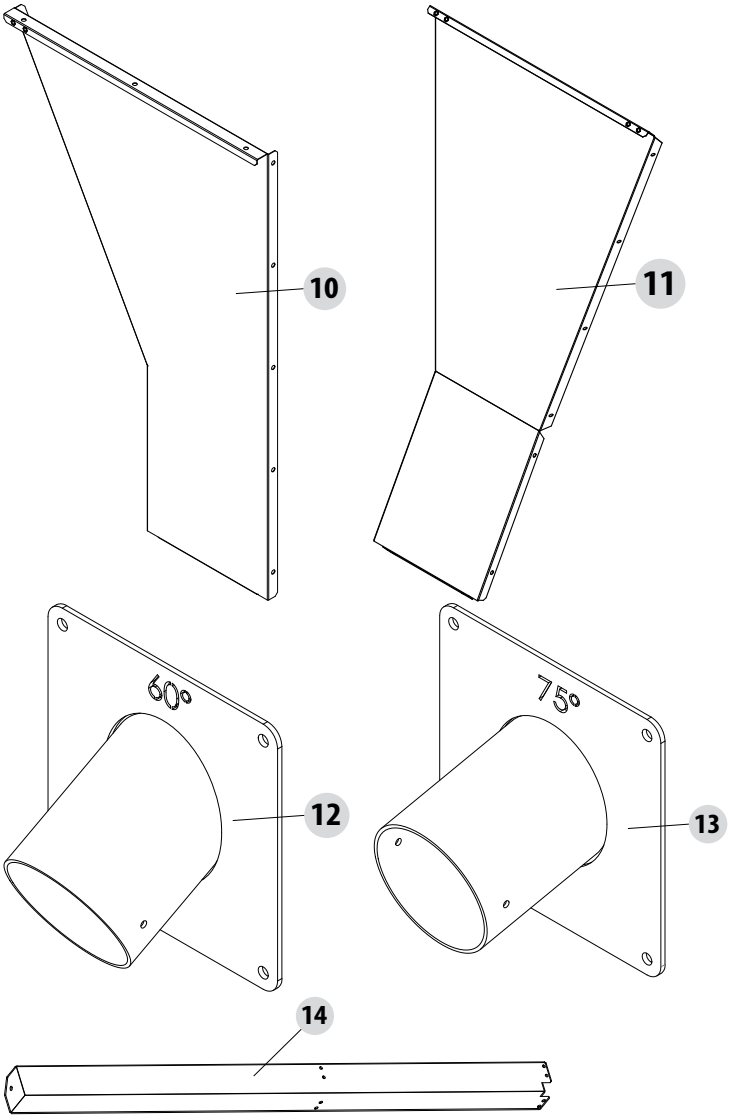


BOLTS AND SCREWS

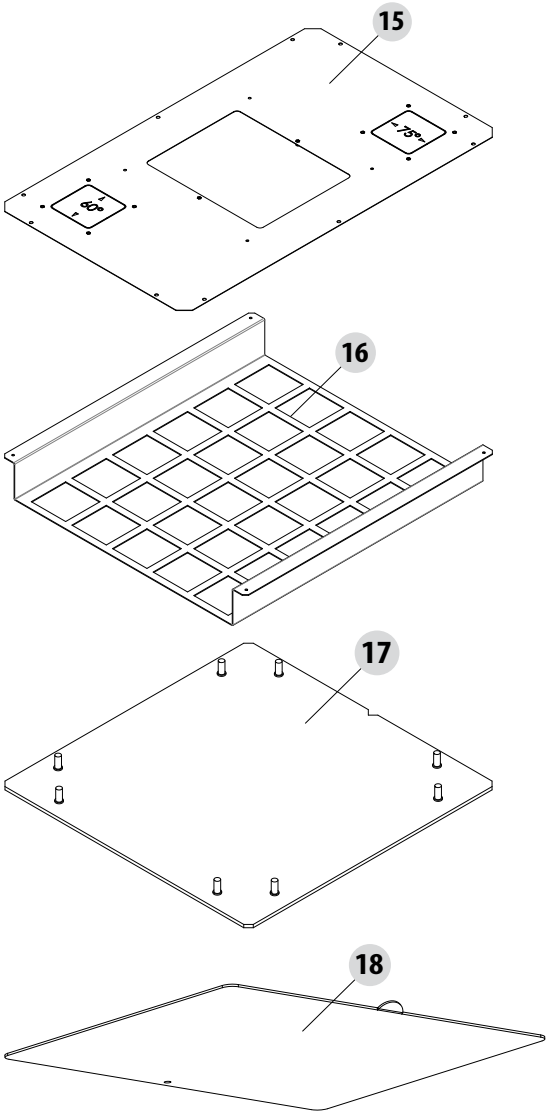
1 - (CODE 120022) M5X10 HEX HEAD SCREW 88 PIECES
2 - (CODE 120472) 4.2X16 SCREW 14 PIECES
3 - (CODE 120527) FLANGED NUT 61 PIECES
4 - (CODE 120377) BRASS PLUG 3 PIECES
5 - (CODE 1201204000) M5X15 WASHER 3 PIECES
19 - (CODE 1201305300) M5 FASTENING ELEMENT 1 PIECE
20 - (CODE 1801302700) GASKET



6 - (CODE 1401392750) COMPLETE SUP. FRONT PANEL 2 PIECES
7 - (CODE 1401392850) COMPLETE SUP. SIDE PANEL 2 PIECES
8 - (CODE 1401392950) COMPLETE LEFT LOWER SIDE PANEL 1 PIECE
9 - (COD.1401393050) COMPLETE RIGHT LOWER SIDE PANEL 1 PIECE

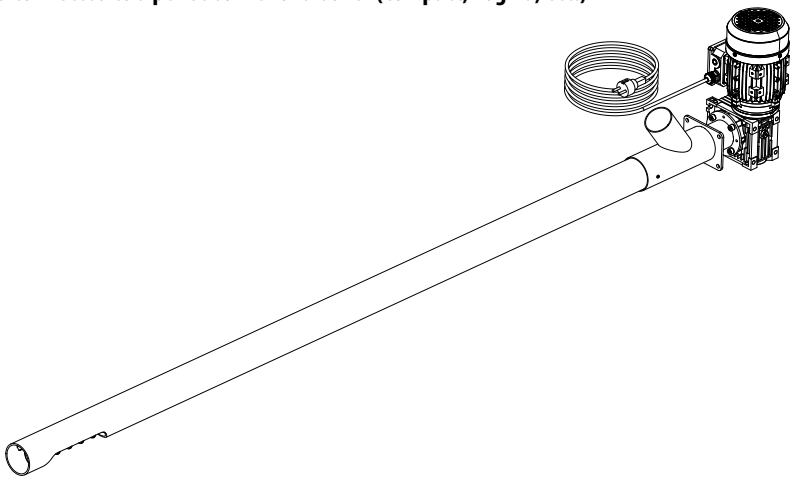


10 - (CODE 1401393150) COMPLETE BOTTOM BACK PANEL 1 PIECE
11 - (CODE 1401393250) COMPLETE BOTTOM FRONT PANEL 1 PIECE
12 - (CODE 1401394660) 60° FEED SCREW BUSHING 1 PIECE
13 - (CODE 1401394860) 75° FEED SCREW BUSHING 1 PIECE
14 - (CODE 1401395030) TANK UPRIGHT 3 PIECES

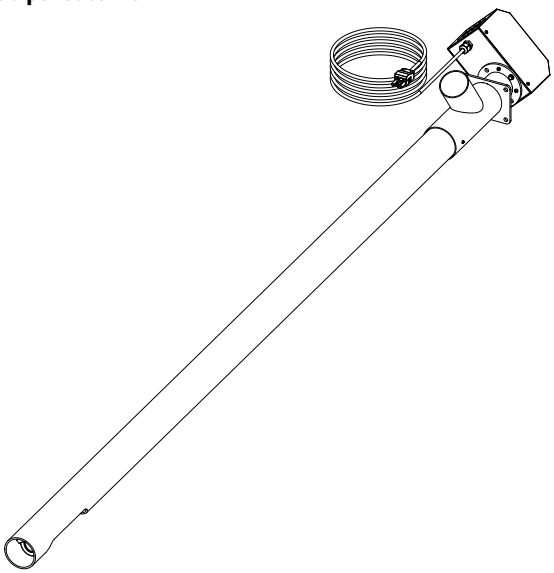


15 - (CODE 1401395150) SHEET METAL COVER 1 PIECE
16 - (CODE 1401395230) PROTECTIVE GRID 1 PIECE
17 - (CODE 1401395340) UNPROCESSED TANK SUPPORT 1 PIECE
18 - (CODE 1801302800) COVERING COVER 1 PIECE

cod.40A13026 - PELLET LOADING FEED SCREW
to be used connected to a pellet burner or a boiler (Compact, Logika, etc.)

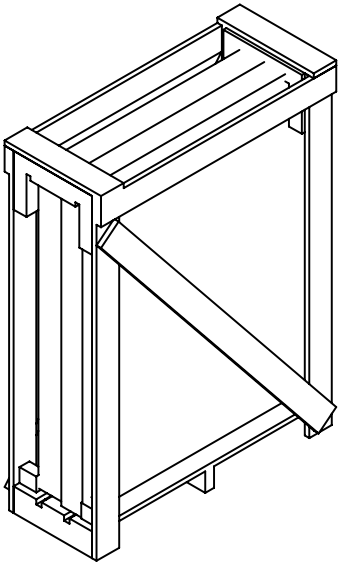


code 40A13027 - PELLET LOADING FEED SCREW
to be used connected to a pellet burner

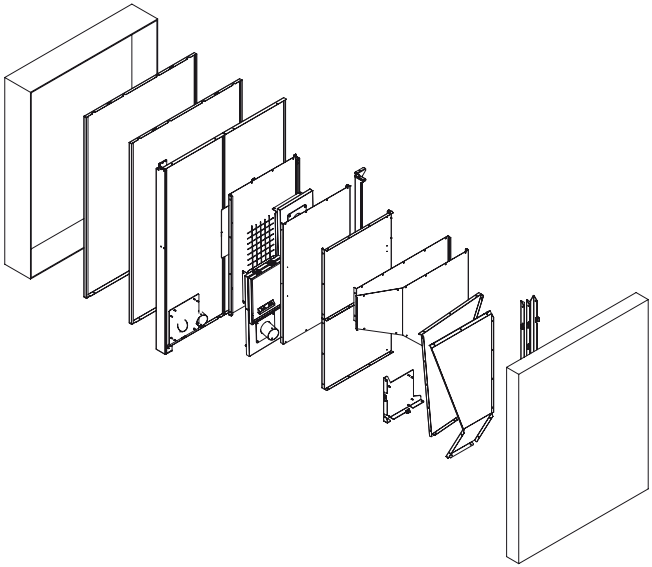


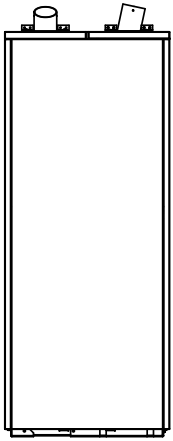
NOTE: Both feed screws are fully assembled and fitted with a 1.5 m pipe for the connection. They must be inserted into the tank, connected to the power outlet and connected at the top according to the specific use.

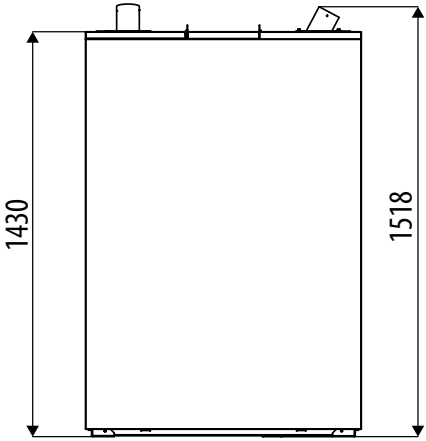
TANK PACKAGING WITH CLADDING
Complete packaging

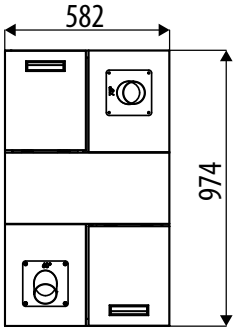


How the pieces are arranged in the box






1430
1518


582
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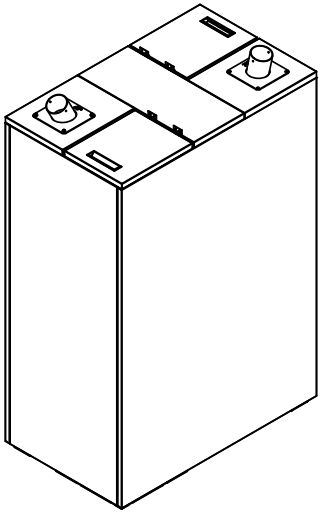
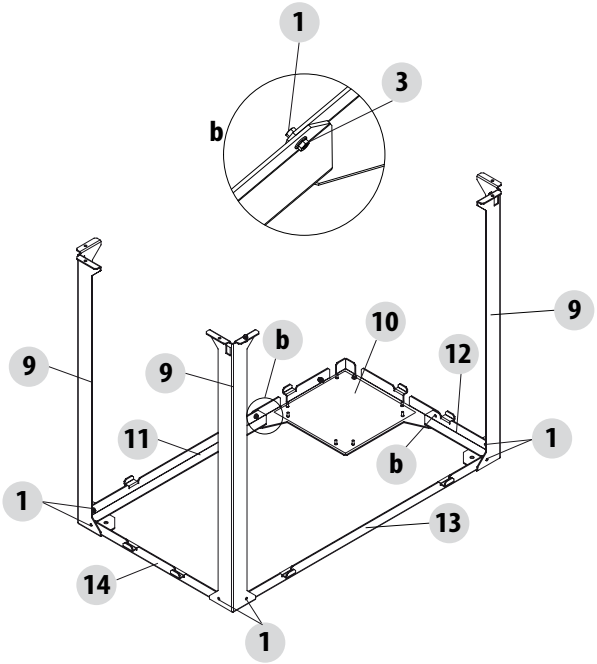


Step 1 - assembly of the uprights

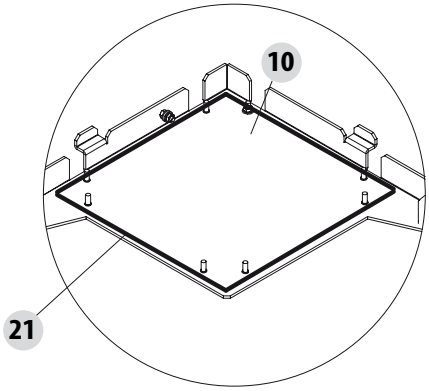
Prepare: 3 pieces "9"; 1 piece "10"; 1 piece "11"; 1 piece "12"; 1 piece "13"; 1 piece "14"; 8 screws "1" and 8 nuts "3".

Proceed as follows:

- place piece "10" on the ground and secure gasket "21" on the outside in relation to the stud bolts (as reported in the diagram below)
- place piece "11" and "12" on the inside in relation to piece "10"
- secure piece "11" (long side) and piece "12" (short side) to piece "10" via 1 screw "1" from the outside towards the inside and blocked with nut "3"
- take 1 upright and place it vertically and on the outside in relation to piece "11"
- fix pieces "11" and "9" with screw "1" from the outside towards the inside, blocked with nut "3"
- follow the same steps for upright "9" and piece "12"
- place piece "14" on the short side, piece "13" on the long side and position the last upright "9" that closes the first part of the structure. Once again, secure with screw "1" from the outside towards the inside and block with nut "3".



ASSEMBLY OF THE UPRIGHTS



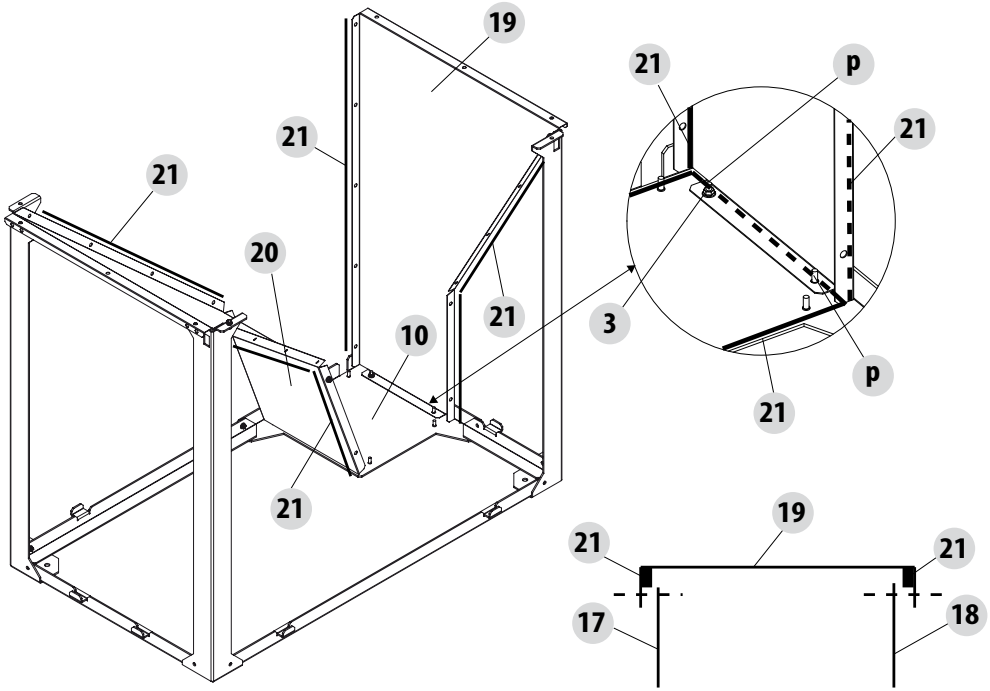
GASKET POSITIONING DIAGRAM ON PIECE "20"

Step 2 - assembly of the tank

Prepare: 1 piece "19"; 1 piece "20"; 1 piece "17"; 1 piece "18"; 2 pieces "15"; 2 pieces "16"; 61 pieces "3"; 53 pieces "1"; gasket "21"
Proceed as follows:

- Before fixing pieces "19" and "20", place gasket "21" across the entire length towards the inside (see diagram below) to prevent any dust from coming out.
- Insert piece "19" on the two stud bolts "p" located on piece "10" of the base and secure it with two nuts "3".
- Insert piece "20" on the part opposite piece "19", again on the two stud bolts "p" located on piece "10" of the base and secure it with two nuts "3".

note: for these operations 4 nuts "3" were used.



GASKET POSITIONING DIAGRAM ON PIECES "19" AND "20"

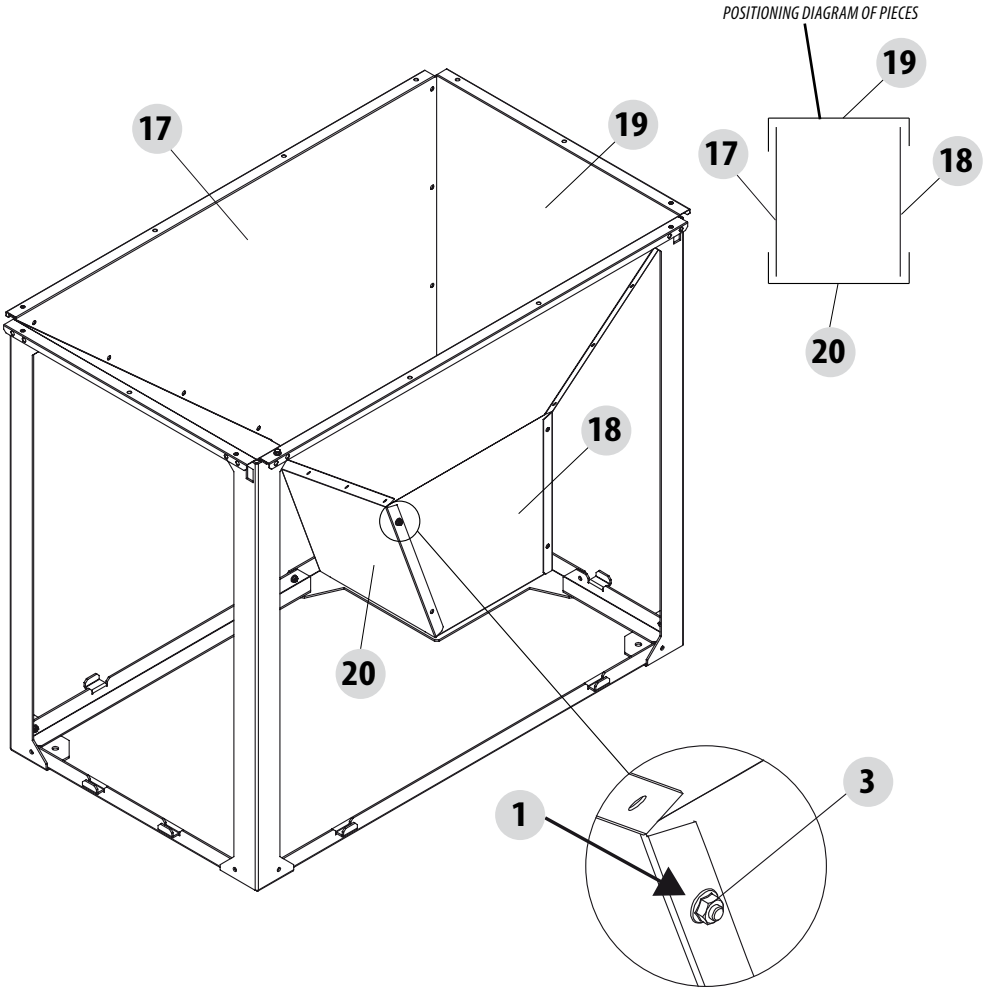
7-ASSEMBLY OF TANK CODE 40A13024/40A16010

EN

Insert piece "17" on stud bolts "p" located on piece "10" of the base and secure them with nuts "3".

- Secure panel "17" to panel "19" with 5 screws "1" inserted from the inside of the structure towards the outside and block them with 5 nuts "3" on the outside.
- Secure panel "17" to panel "20" with 6 screws "1" inserted from the inside of the structure towards the outside and block them with 6 nuts "3" on the outside.
- Insert and secure panel "18" to the structure in the same way with 6 screws "1" and 6 nuts "3" on each side and at the base with 2 nuts "3"

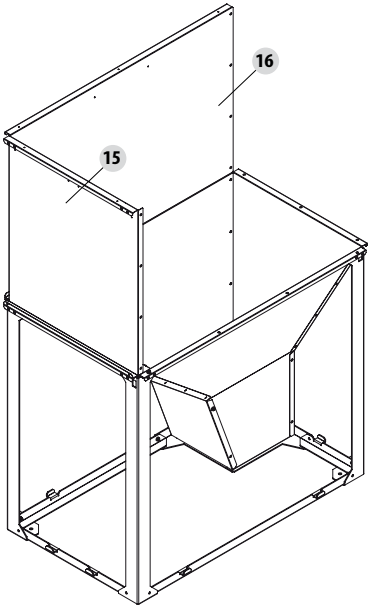
note: for these operations 27 nuts "3" and 23 screws "1" were used.

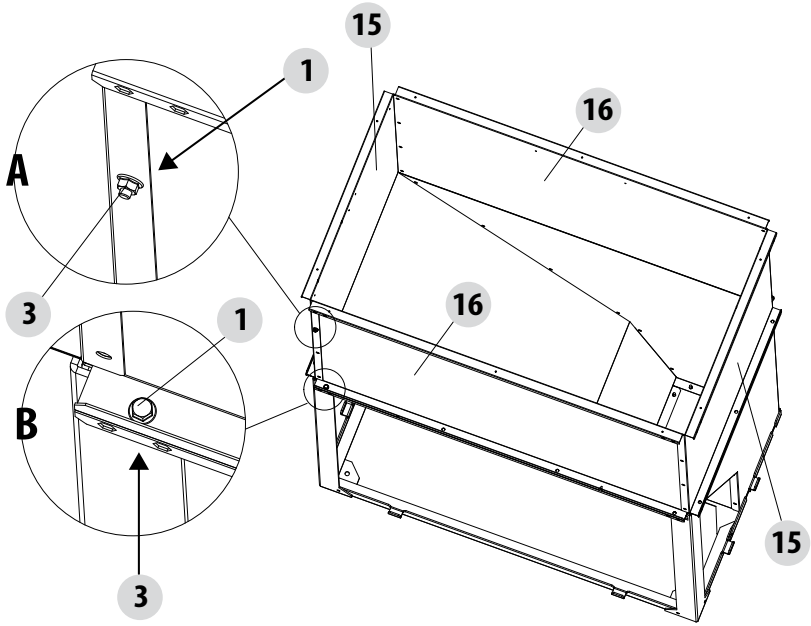


7-ASSEMBLY OF TANK CODE 40A13024/40A16010

- Position pieces "15" and "16" on top of the structure and secure them together with 4 screws "1" inserted from the inside towards the outside and blocked with 4 nuts "3" (see detail A).
- Fix pieces "15" and "16" to the structure with 4 screws "1" (on the long part) starting from the top towards the bottom and 4 nuts "3" that lock into place at the bottom and 3 screws "1" and 3 nuts "3" on the short side (see detail B).
- Follow the same steps for the other two panels, "15" and "16".

note: at the end of these operations 30 nuts "3" and 30 screws "1" were used.



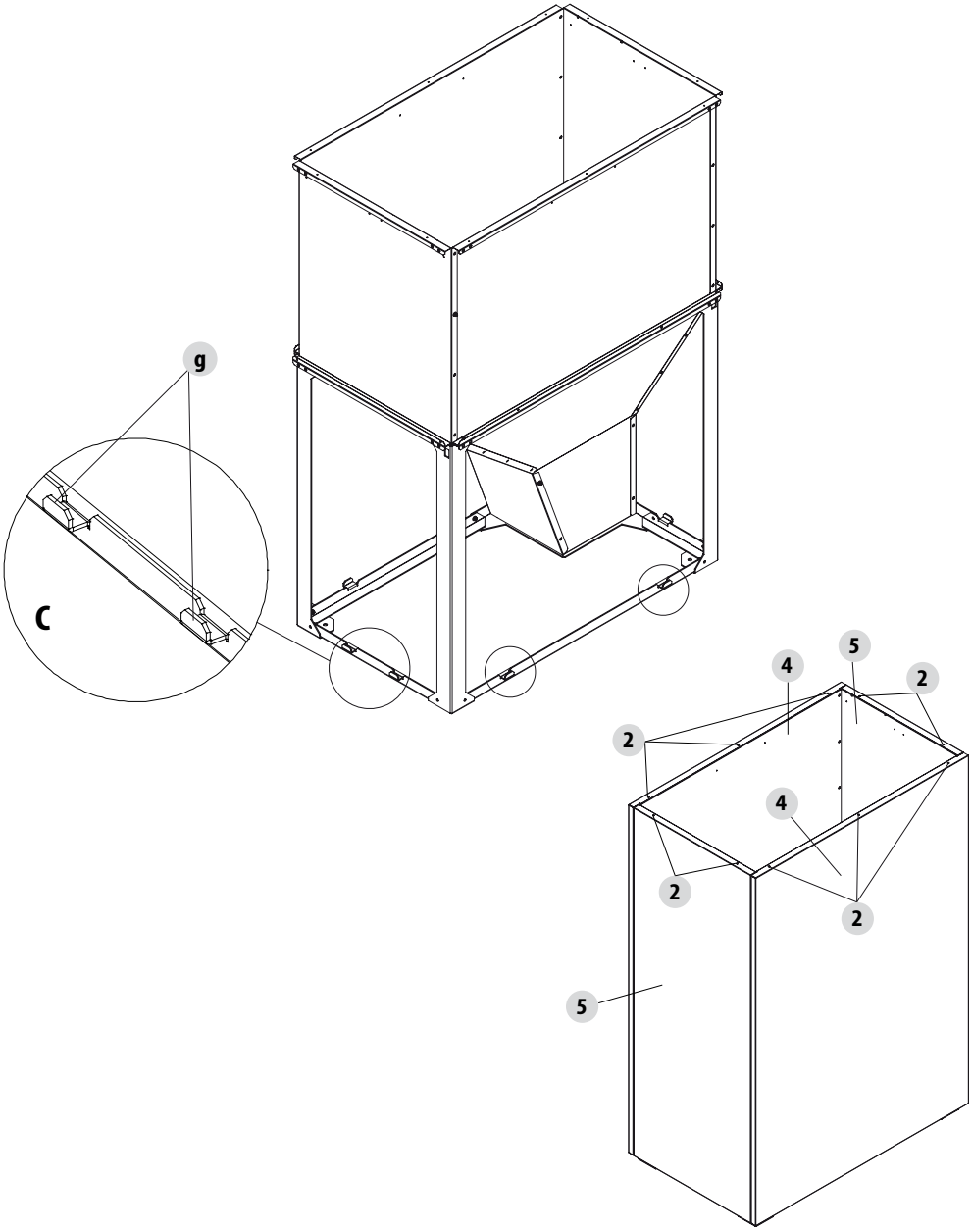


Step 3 - assembly of decorative parts

Prepare: 2 pieces "4"; 2 pieces "5"; 10 screws "2"

Proceed as follows:

- Fit panels "4" and "5" into hooks "g" (see detail C)
- At the top, secure panels "4" and "5" to the structure with two screws "2" on the short sides and 3 screws "2" on the long sides.



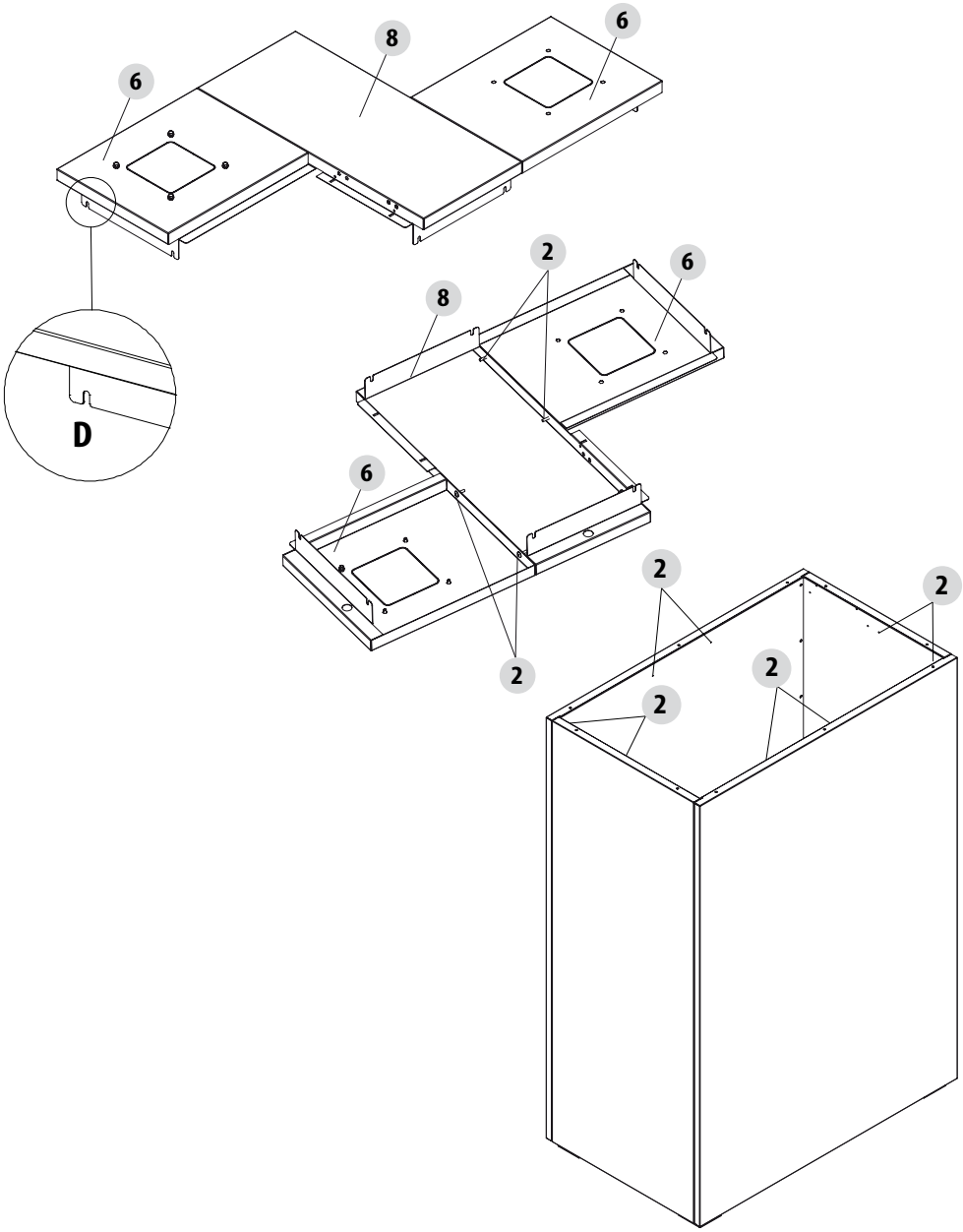
Step 4 - assembly of the top

Prepare: 2 pieces "6"; 1 piece "8"; 12 screws "2"; 2 pieces "7"; 8 screws "25"

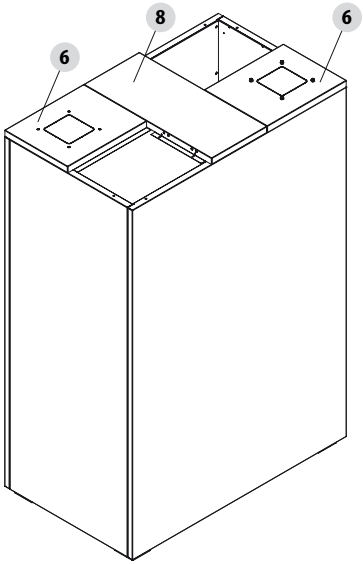
Proceed as follows:

- Assemble pieces 6 onto piece 8 as shown in the diagram in the figure with 2 screws "2" (from underneath).

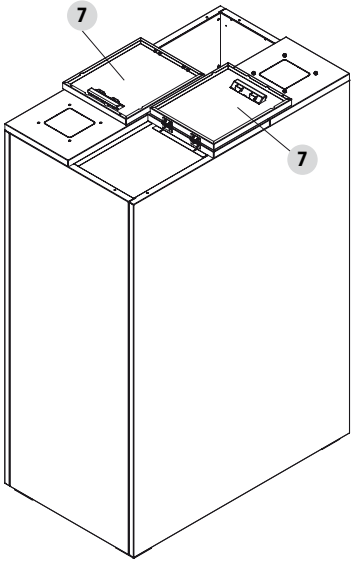
note: for these operations 12 screws "2" were used



- Secure 8 screws "2" to the structure near the holes inside the panels. These screws are required to hold up the top (detail D goes into screws "2").



Take two pieces "7", which already have the hinges fitted on them and fix them to piece 8 with 4 screws "25" for each door (8 screws in total).

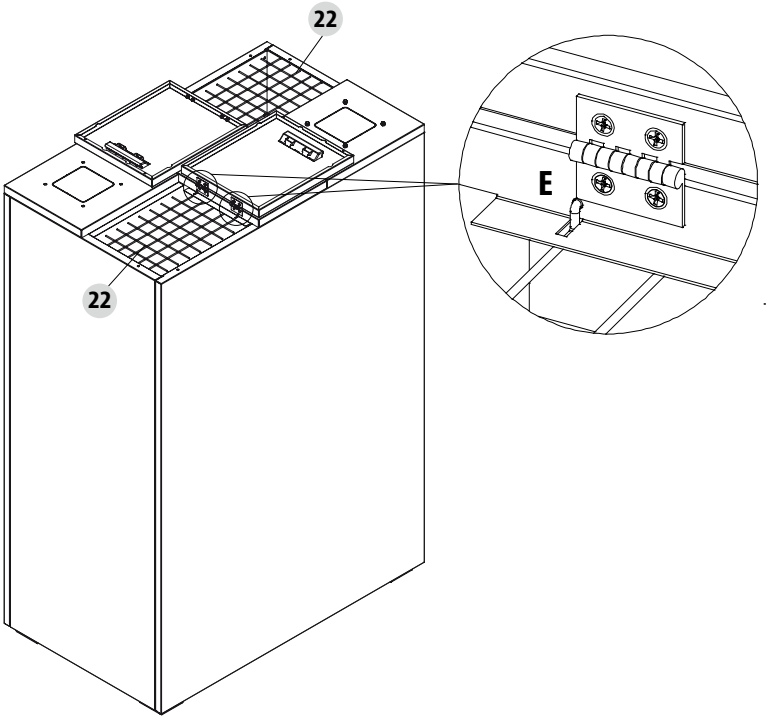


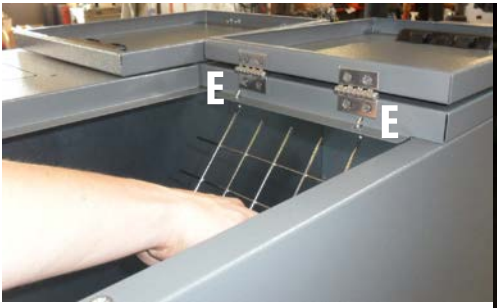
Step 5 - protective grid insertion

Prepare: 2 pieces "22

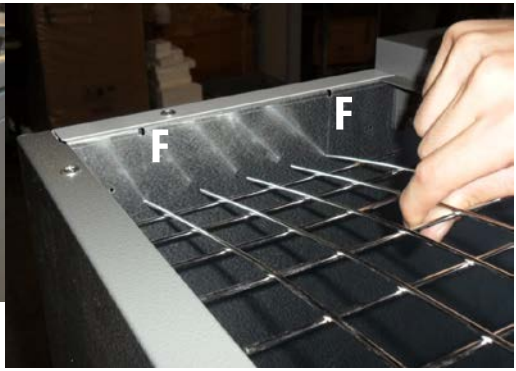
Proceed as follows:

- Insert grid "22" first in the top in piece "8" (see detail E) and then in the structure (detail F)





DETAIL E



DETAIL F

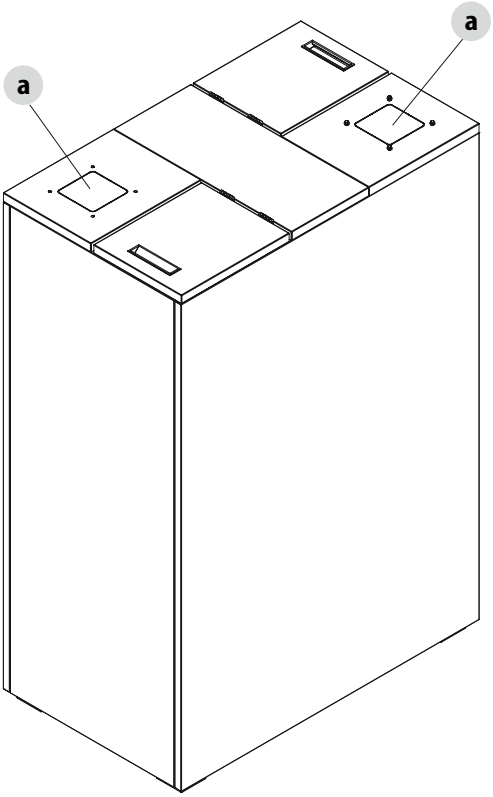
Step 6 - feed screw bushing insertion

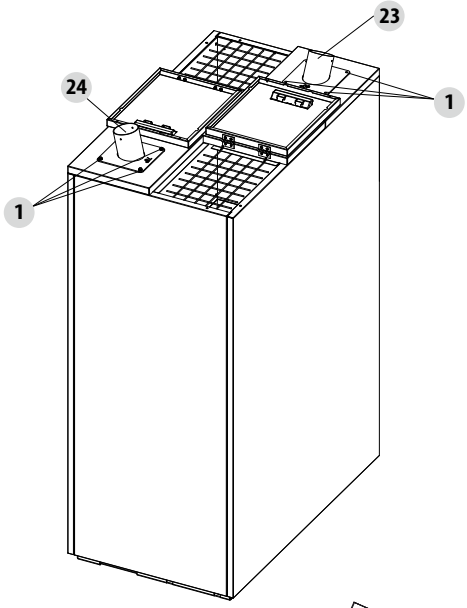
According to the use, prepare: 1 piece "23"; 1 piece "24"; 8 pieces "1"

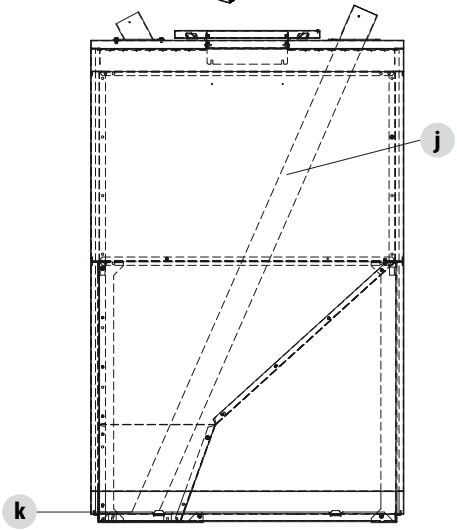
Proceed as follows:

- Remove knockout hole "a"
- Position piece "24" (bushing at 75°) on the shorter side and secure it to the top with 4 screws "1".
- Position piece "23" (bushing at 60°) on the longer side and secure it to the top with 4 screws "1".

Note: pieces 23 and 24 are not interchangeable, as otherwise the loading feed screw (code 440A13026/40A13027) cannot be inserted fully home

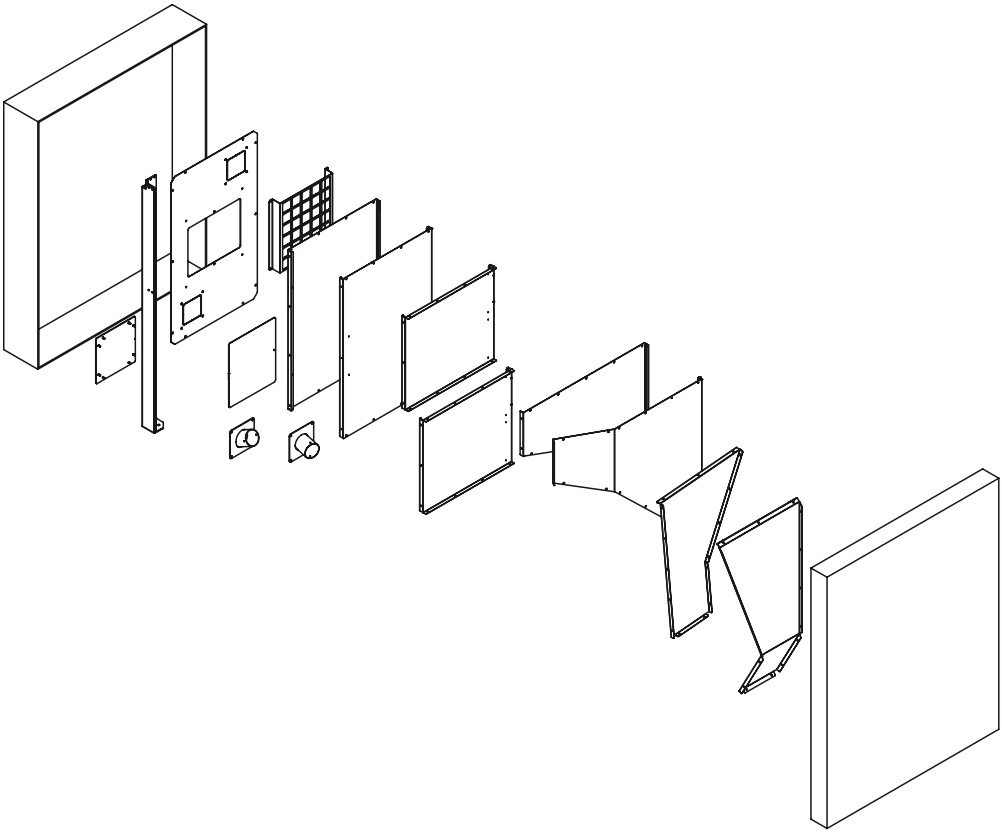


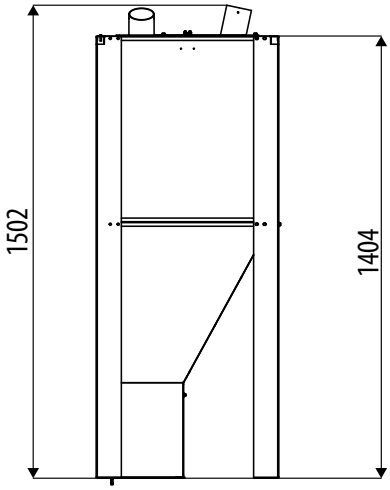




THE FEED SCREW "J" MUST REST ON THE TANK BOTTOM "K"

TANK PACKAGING WITHOUT DECORATIVE CLADDING
How the pieces are arranged in the box

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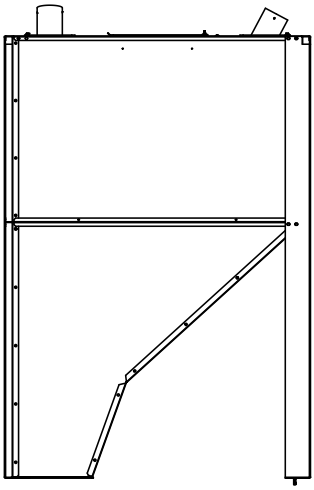
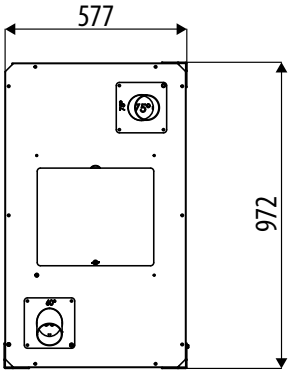
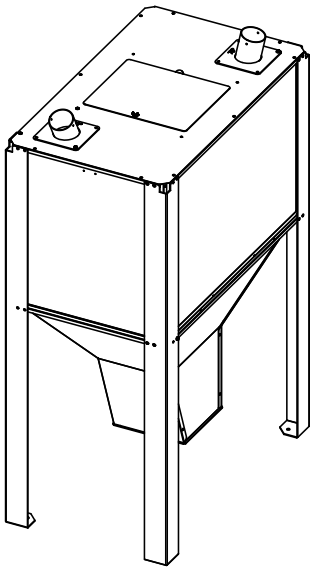



577
972



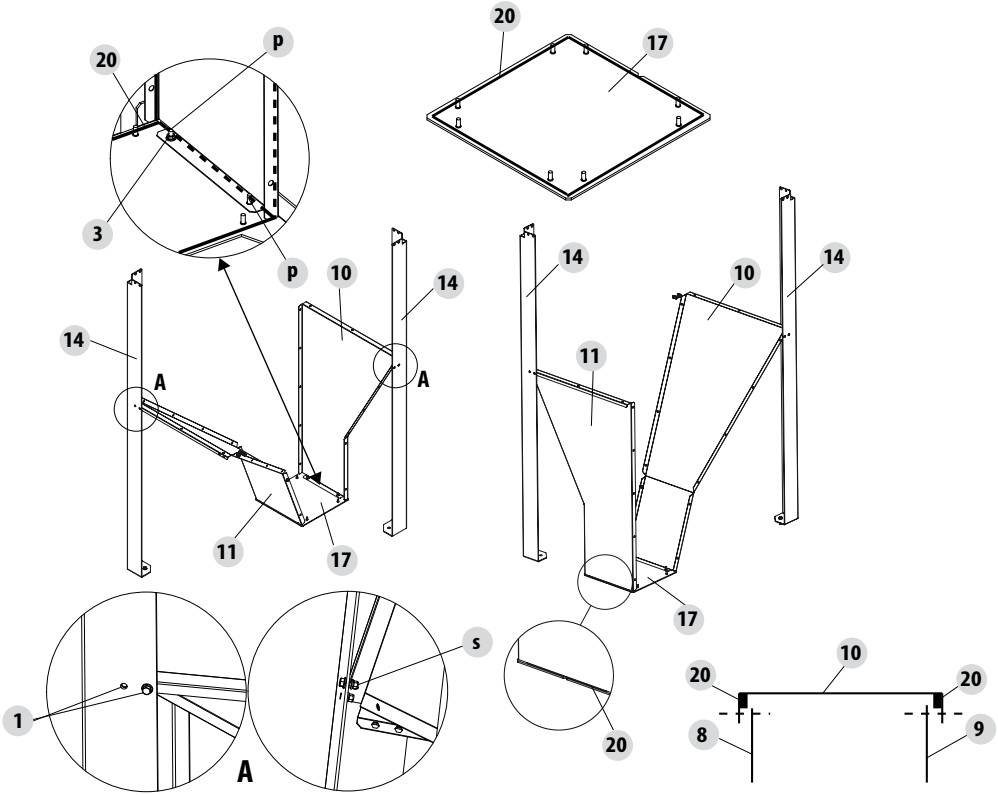
Step 1 - assembly of the bottom part of the tank

Prepare: 2 pieces "14"; 1 piece "17"; 1 piece "10"; 1 piece "11"; 1 piece "8"; 1 piece "9"; 31 screws "1"; 31 nuts "3".

Proceed as follows:

- place piece "17" on the ground and position gasket "20" around the entire perimeter (outside the stud bolts) to prevent any dust from coming out (see diagram below).
- Before fixing pieces "10" and "11", place gasket "20" across the entire length towards the inside (see diagram below).
- Insert piece "10" on the two stud bolts "p" located on piece "17" of the base and secure it with two nuts "3".
- Insert piece "11" on the part opposite piece "10", again on the two stud bolts "p" located on piece "17" of the base and secure it with two nuts "3".
- Bring upright "14" close to piece "11" and secure it with screw "1" (2 screws "1" for the upright) from the outside towards the inside (see detail A), blocked on the inside by rivet "s" welded onto piece "11".
- Carry out the same step between piece "10" and upright "14"

note: at the end of these operations 4 nuts "3" and 4 screws "1" were used



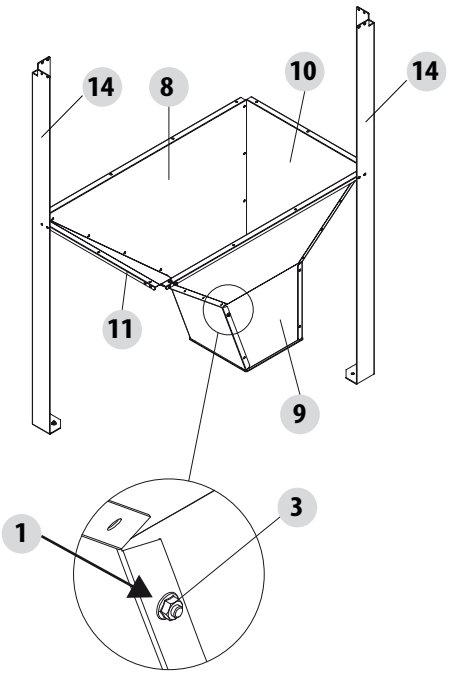
GASKET POSITIONING DIAGRAM ON PIECES "10" AND "11"

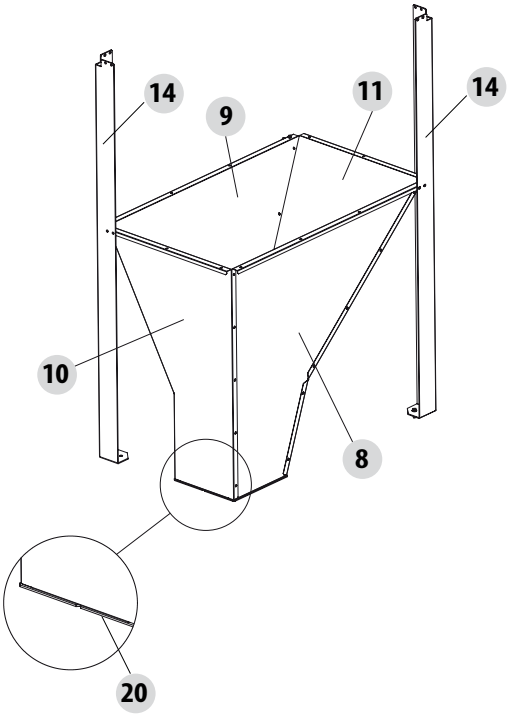
10-ASSEMBLY OF TANK CODE 40A13025

EN

- Insert piece "8" on stud bolts "p" located on piece "17" of the base and secure them with two nuts "3".
- Secure panel "8" to panel "10" with 5 screws "1" inserted from the inside of the structure towards the outside and blocked with 5 nuts "3" on the outside (see detail).
- Secure panel "8" to panel "11" with 6 screws "1" inserted from the inside of the structure towards the outside and block them with 6 nuts "3" on the outside.
- Insert and secure panel "9" to the structure in the same way with 6 screws "1" and 6 nuts "3" on each side and at the base with 2 nuts "3"
- Secure pieces "8" and "9" to upright "14" with screw "1" (2 screws "1" for the upright) from the outside towards the inside (see detail A - previous page), blocked on the inside by rivet "s" welded onto pieces "8" and "9".

note: at the end of these operations 27 nuts "3" and 27 screws "1" were used



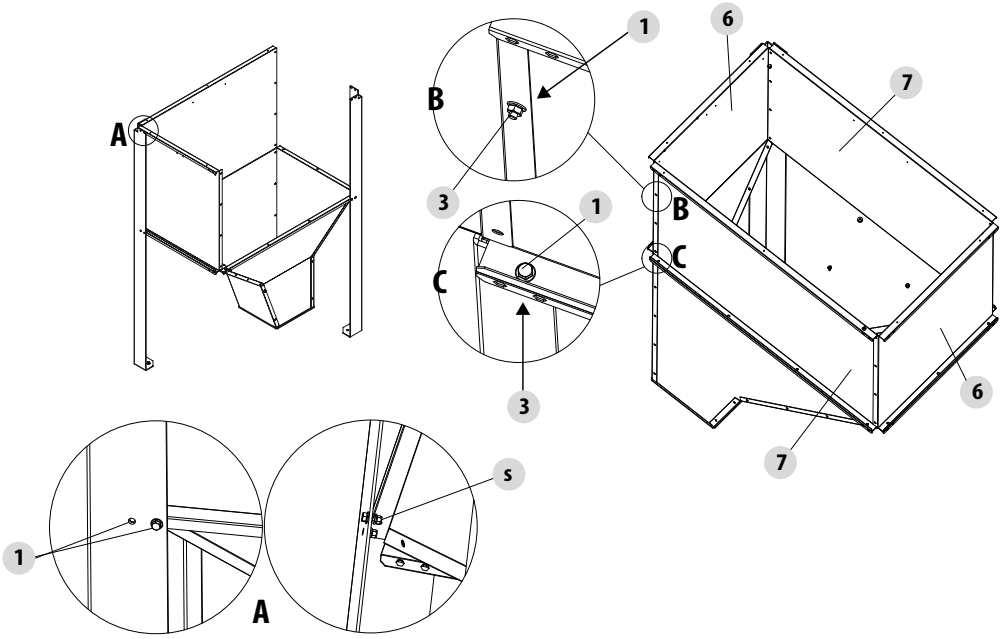


Step 2 - assembly of the top part of the tank

Prepare: 2 pieces "6"; 2 pieces "7"; 38 screws "1"; 30 nuts "3".

Proceed as follows:

- Position pieces "6" and "7" on top of the structure and secure them together with 4 screws "1" inserted from the inside towards the outside and blocked with 4 nuts "3" (see detail B).
- Fix pieces "6" and "7" to the structure with 4 screws "1" (on the long part) starting from the top towards the bottom and 4 nuts "3" that lock into place at the bottom and 3 screws "1" and 3 nuts "3" on the short side (see detail C).
- Follow the same steps for the other two panels, "6" and "7".
- Fix upright "14" to panels "6" and "6" with screw "1" (2 screws "1" for the upright) from the outside towards the inside (see detail A), blocked on the inside by rivet "s" welded onto piece "6/7".

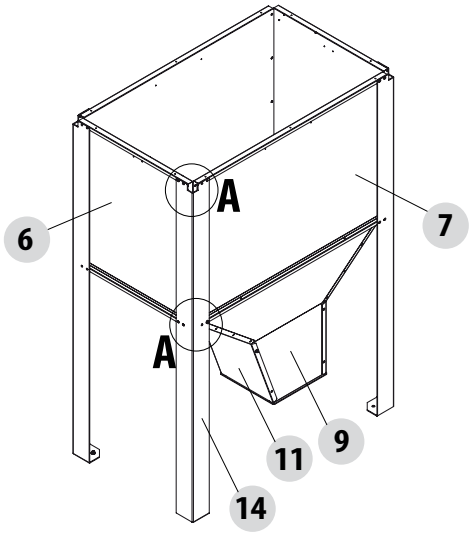


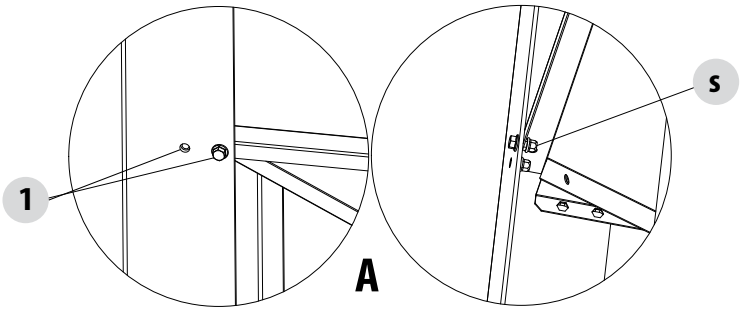
Step 3 - securing the upright

Prepare: 1 piece "14"; 8 pieces "1".

Proceed as follows:

- Bring upright "14" close to piece "6/7" and secure it with four screws "1" at the bottom and four at the top from the outside towards the inside (see detail A), blocked on the inside by rivet "s" welded onto piece "6/7" at the top and "11/9" at the bottom.



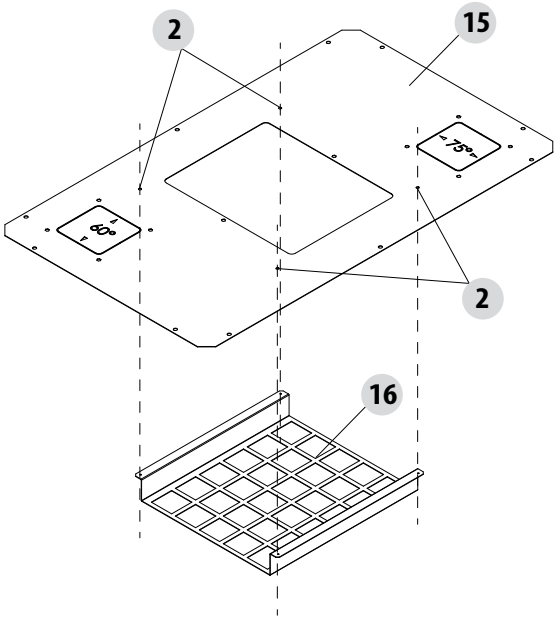


Step 4 - securing the covering

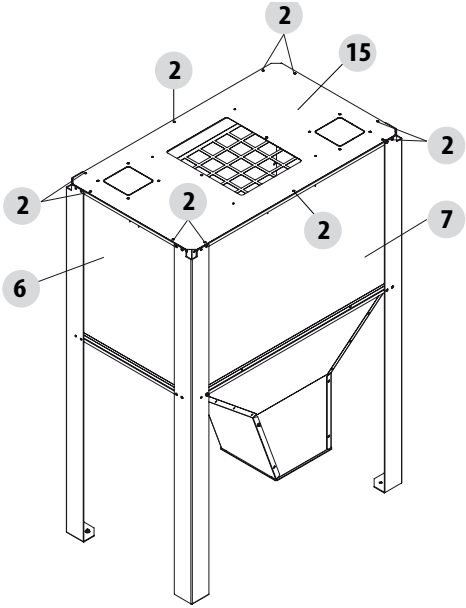
Prepare: 1 piece "15"; 1 piece "16"; 14 screws "2"; 1 piece "18"; 1 piece "19".

Proceed as follows:

- Fix protective grid "16" to cover "15" with 4 screws "2".

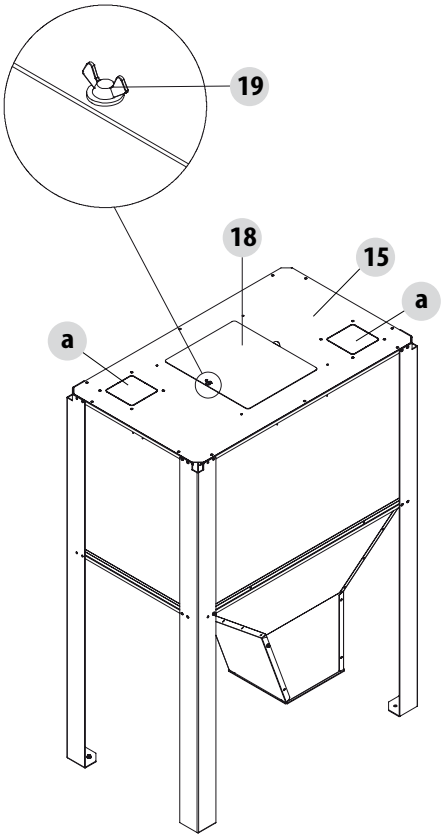


- Then secure cover "15" to the structure with 10 screws "2".



10-ASSEMBLY OF TANK CODE 40A13025

- Fix piece“18” to cover “15” with the M5 flap (piece “19”).
- Remove knockout hole “a”



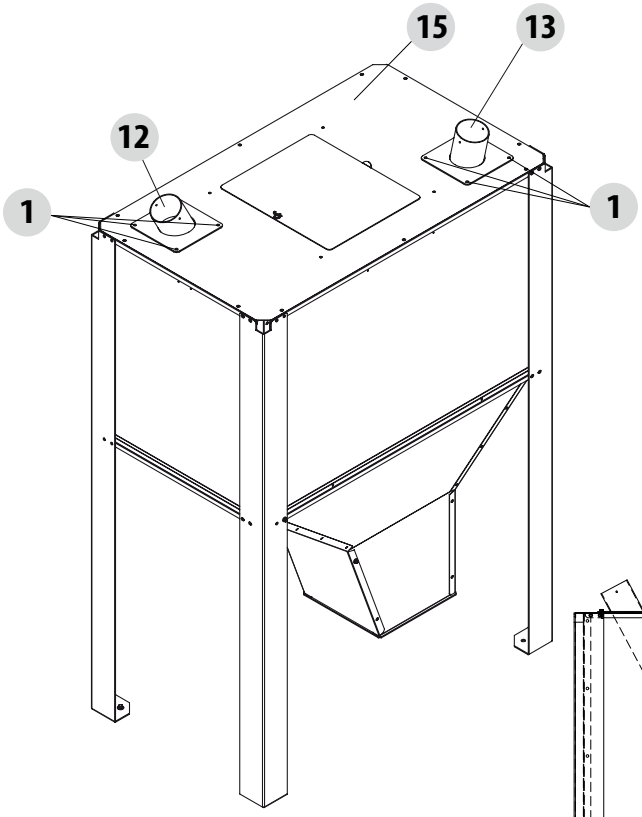
Step 5 - feed screw bushing insertion

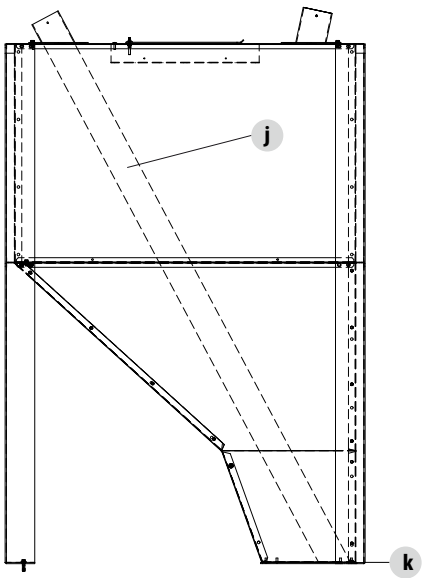
According to the use, prepare: 1 piece "12"; 1 piece "13"; 8 pieces "1".

Proceed as follows:

- Position piece "12" (bushing at 60°) on the shorter side and secure it to cover "15" with 4 screws "1".
- Position piece "13" (bushing at 75°) on the longer side and secure it to cover "15" with 4 screws "1".

Note: the position of pieces 12 and 13 is not interchangeable, as otherwise the loading feed screw (code 40A13026/40A13027) cannot be inserted fully home (the feed screw must rest on the bottom of the tank)





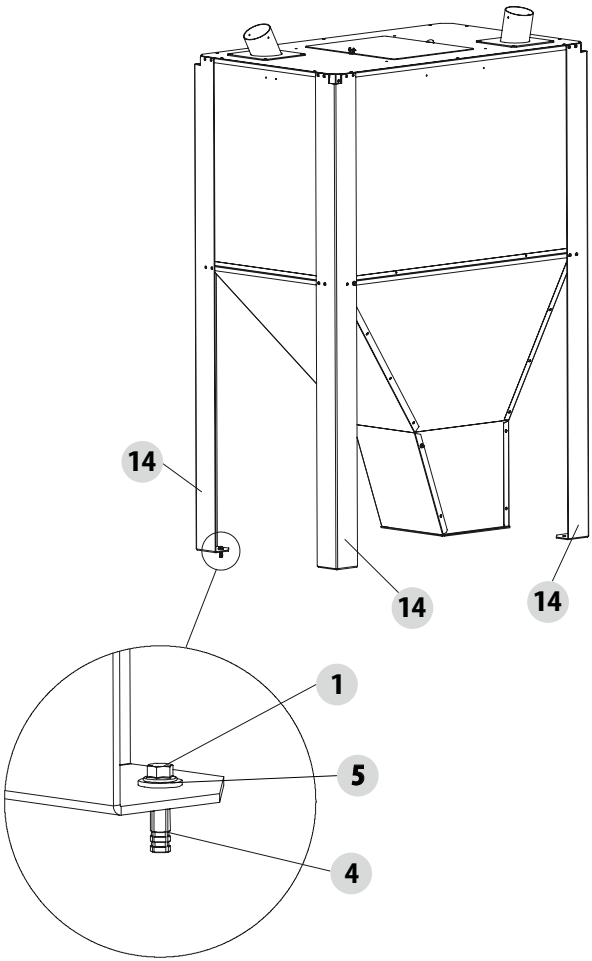
THE FEED SCREW "J" MUST REST ON THE TANK BOTTOM "K"

Step 6 - anchoring to the ground

Prepare: 3 pieces "1"; 3 pieces "5"; 3 pieces "4"

Proceed as follows:

- Fix the tank in the desired position with screw "1", washer "5" and plug "4".



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