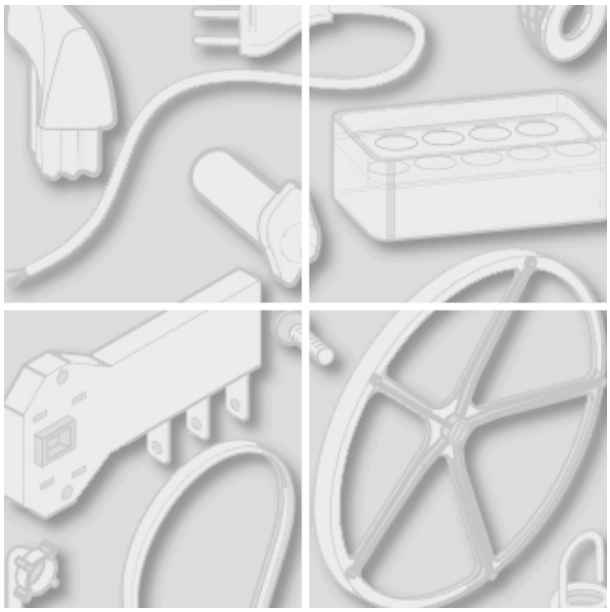
INDESIT company



Model type:

BD241

BD241S

Commercial code:

F027027

F027266

ARISTON INDESIT Scholtès

# General notes

## Technical Documentation guidelines

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You can find herewith some generic information to simplify cunsulting of technical documentation:

1. Models of same range share the same exploded views, which report the richest set of spare parts:generally, a model does not necessarly have a related spare part for each particular shown on exploded views.

2. Some spare parts can not be represented directly on the exploded views (instruction booklets, specific kit, etc...). You can find those codes in the spare parts list with the same reference of particular where spares are installed or with references 099, 999. Instruction booklets, once managed, appear with 000 reference.

3. On the higher right site of each exploded view there is a serial number which indicates the beginning of the production of certain range:some models might have more than an exploded view for a given category, each distinguished by a different serial no.and linked to another spare parts list, In this case, serial no. is required to supply the right spare part code. Exploded view to be considered is the one with a more recent serial no. but previous than the one of the model that needs assistance.

4.Exploded views might require further updates even after publishing. Addition of new spares will go on following the already existing numeration references. Revision number of an exploded view is shown into last four digits of serial number into upper right hand corner.

5.The spare parts list associated to an exploded view shows related codes of spares managed for a certain model; for each spare part other informations are available:

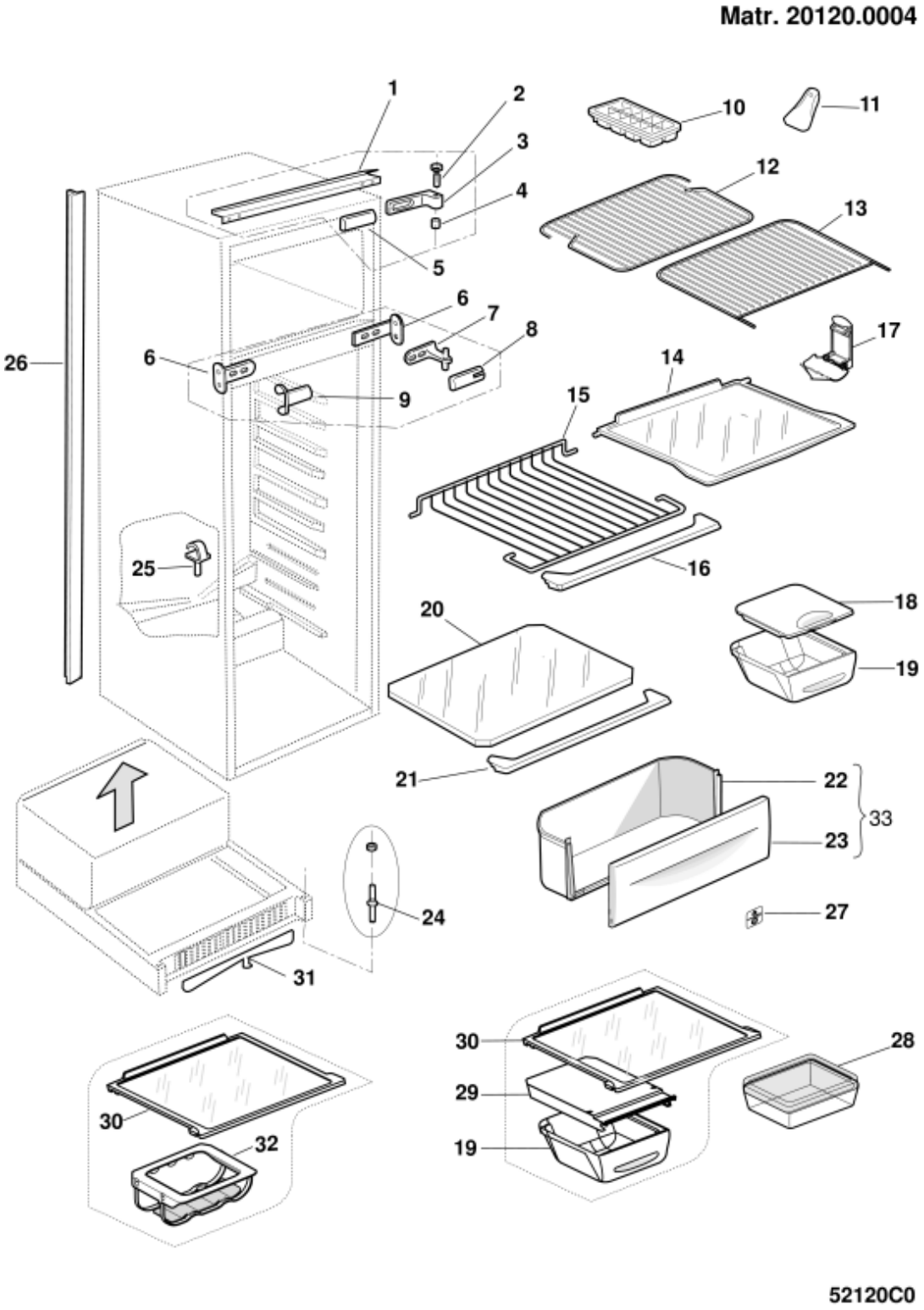
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

INDUSTRIAL CODE: list of variables of a model (shown into model label) where such spare is used; NOTICE: code of information(s) to refer to complete technical intervention, track for changes or to find correct spare part code.

6. Some notices, into a same section are generic therefore cannot be directly linked to a spare part. In order to assist a model in the best way as possible, it is helpful to pay attention to all notices and constantly verify documentation updates

7.Technical documentation cover shows model name and its commercial codes

52120c0 Exploded views

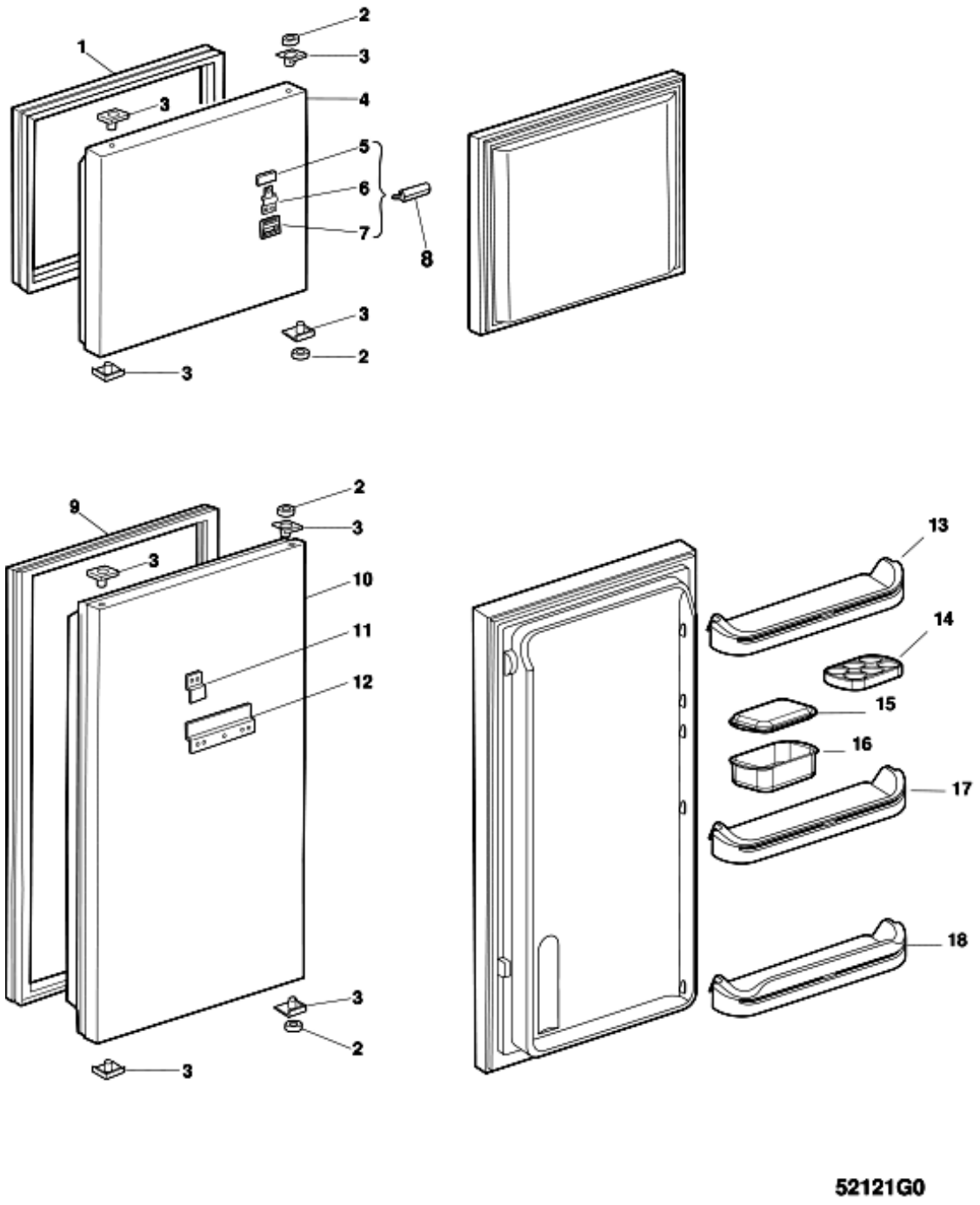


52120c0 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 000 | C00087292 | | | | instruction booklet it-uk-es bd241 | | |
| 001 | C00030784 | | | 1 x C00141279 | white upper covering profile | | |
| 002 | C00028962 | | | | hinge pin (m8x8-37) | | |
| 003 | C00046897 | | | | white plastic upper hinge m8 | | |
| 004 | C00028958 | | | | plastic washer (12x6,4x14mm) - | | |
| 005 | C00028964 | | | | cover (upper hinge) - white | | |
| 006 | C00031830 | | | | zinc plate cklamp fixing lateral l= | | |
| 006 | C00064638 | | 60710... | | zinc plate cklamp fixing lateral | | |
| 006 | C00194025 | 60711... | | | zinc plate cklamp fixing lateral | | |
| 007 | C00075847 | | 61112... | 1 x C00196153 | central hinge (door 23mm) white | | |
| 007 | C00196153 | 61113... | | | central hinge (door 23mm) zn | | |
| 008 | C00031831 | | | | white central hinge cover w=97 | | |
| 009 | C00031833 | | | | white cover bracket fixing lateral | | |
| 010 | C00019414 | | | | ice cube tray 215x102x34 | | |
| 011 | C00003261 | | | | ice scraper - white | | |
| 012 | C00053421 | | | | wire shelf 424,5x290mm - white | | |
| 015 | C00086593 | | | | fridge wire shelf (wxh | | |
| 016 | C00086379 | | | | wire shelf trim (469x59x12mm) - | | |
| 020 | C00086594 | | | 1 x C00280886 | salad bin cover (466x188x4mm) | | |
| 021 | C00086378 | | | 1 x C00144431 | trim 465x48x12mm (crisper | | |
| 022 | C00082949 | | | 1 x C00144901 | crisper kit (wxhxd 460x184x206) - | n1025160 | |
| 023 | C00087298 | | | | panel crisper box white wxh | n1025160 | |
| 024 | C00043382 | | | | hinge pin - upper,lower | | |
| 025 | C00022198 | | | 1 x C00045965 | defrost hole cleaner (20x30mm) | | |
| 026 | C00021590 | | | 1 x C00282185 | side filler strip-pvc adhesive | | |
| 099 | C00087316 | | 41001... | | kit x built-in refrigerator bd241 | n1030084 | 47270270000<br>47272660000 |
| 099 | C00113970 | 41002... | | | kit x built-in refrigerator 10/2004 | | |

52121g0 Exploded views

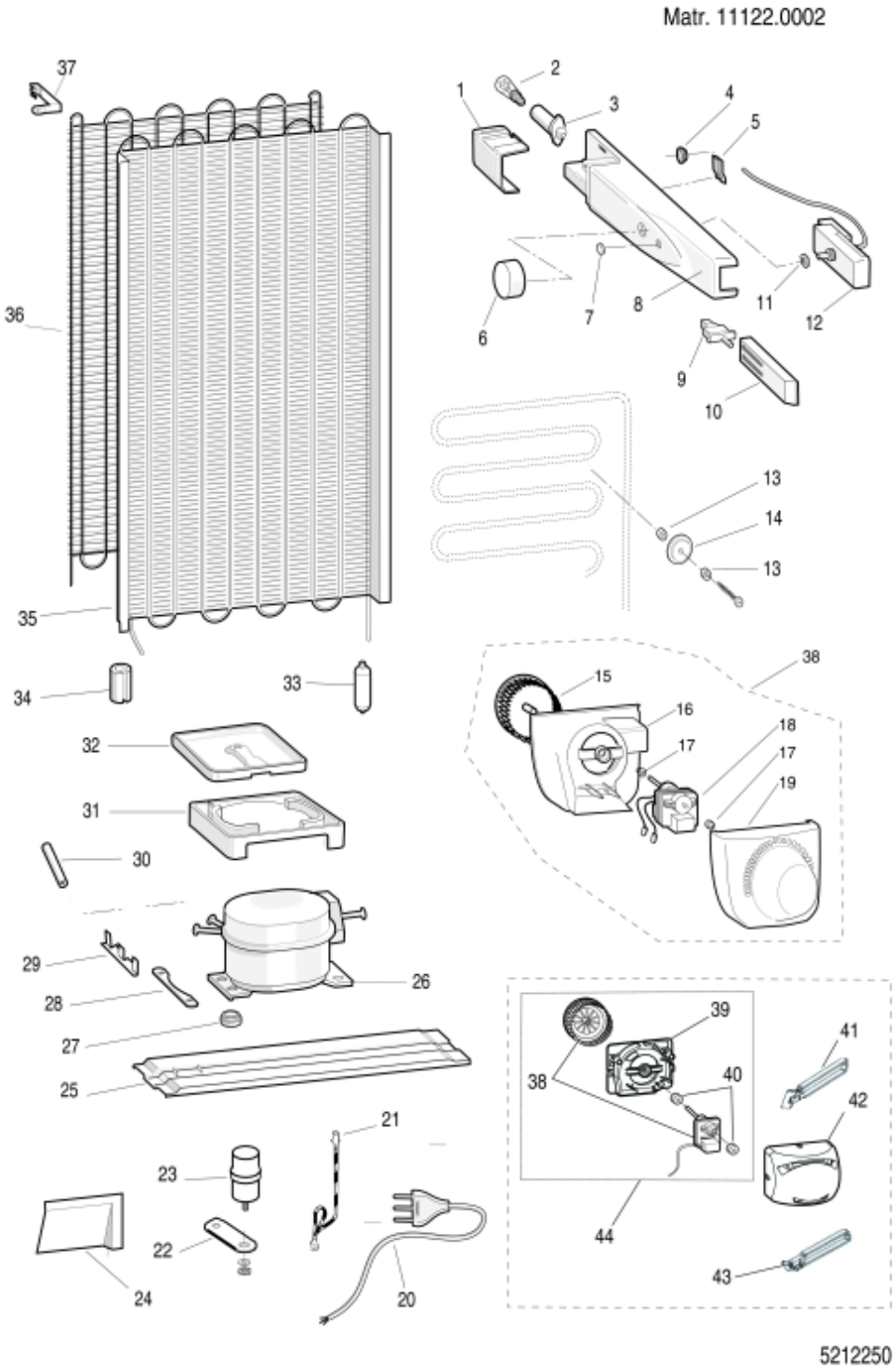
Matr. 11124.0001



52121g0 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 001 | C00053499 | | | 1 x C00141804 | door seal (freezer) 530x278 p900 - | 0521123 | |
| 002 | C00022154 | | | | plastic washer (12x6,1x3mm) - | | |
| 002 | C00024534 | | | | plastic washer (12x6,1x7 mm) - | | |
| 002 | C00028928 | | | | plastic washer (12x6,4x2 mm) - | | |
| 003 | C00046890 | | | | square hinge bush rh (25x25) - | | |
| 003 | C00046891 | | | | square hinge bush lh (25x25) - | | |
| 004 | C00082094 | | | | set freezer door gmb/lusso | 0521123 | |
| 008 | C00022763 | | | | white freezer small handle | | |
| 009 | C00042743 | | | 1 x C00141802 | door seal (fridge) 530x1017 p900- | 0521123 | |
| 010 | C00087291 | | | | fridge door - white | 0521123<br>n1025120 | |
| 011 | C00021258 | | 41001... | 1 x C00113698<br>1 x C00113700 | slide door rail short(wood door | n1030084 | 47270270000<br>47272660000 |
| 011 | C00113700 | 41002... | | | guide slide door rail short nylo | | |
| 012 | C00021259 | | 41001... | 1 x C00113698<br>1 x C00113700 | slide door rail long(wood door | n1030084 | 47270270000<br>47272660000 |
| 012 | C00113698 | 41002... | | | slide door rail long(wood door | | |
| 013 | C00086420 | | | 1 x C00089091 | upper door shelf (style) white | | |
| 014 | C00081953 | | | | eggs tray (6) (152x95x20) cristal | | |
| 015 | C00086419 | | 01219... | 1 x C00283448 | butter box lid (180x92) blue | | |
| 015 | C00283447 | 01220... | | | butter box (152x50x93mm) | | |
| 015 | C00283448 | 01220... | | | butter box lid (180x92) transp. | | |
| 016 | C00086418 | | 01219... | 1 x C00283447 | butter box (152x50x93mm) blue | | |
| 017 | C00086701 | | | 1 x C00089091 | upper door shelf (style) white | n1025120 | 47270270000<br>47272660000 |
| 017 | C00089091 | 20502... | | | upper door shelf (style) white | | |
| 018 | C00086423 | | | 1 x C00089092 | bottle shelf - white | n1025120 | 47270270000<br>47272660000 |
| 018 | C00089092 | 20502... | | | bottle shelf white | | |

5212250 Exploded views



5212250 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 001 | C00048505 | | | | lamp cover (giugiaro) | | |
| 002 | C00006522 | | | | lamp 15w (e14) | | |
| 003 | C00066295 | | | | lamp-socket (vossloh) 250v e14 | | |
| 004 | C00007225 | | | | plastic expansion rivet | | |
| 005 | C00009888 | | | | cable clamp | | |
| 006 | C00086601 | | | | thermostat knob (centre post) - | | |
| 007 | C00022048 | | | | blanking plug (10,6mm) - white | | |
| 008 | C00066297 | | | 1 x C00142464 | thermostat box b.27 giugiaro | | |
| 009 | C00066294 | | | 1 x C00075585 | lamp switch - n/c (eltek)) | | |
| 010 | C00066296 | | | | push-button light w.110 white | | |
| 011 | C00002516 | | | | nut - thermostat(center-post) | | |
| 012 | C00058912 | | | | thermostat (c/pt) a13-0512 fastex | n1025101 | |
| 020 | C00008593 | | | | supply cable (3x0,75) necchi-eger | | |
| 026 | C00057383 | | | 1 x C00099798 | compr. tecumseh thb1355ys 220- | n1025138 | 47270270000<br>47270270102<br>47272660000<br>47272660102 |
| 026 | C00099653 | | | 1 x C00099798 | compr.gvy57aa 220-240/50 1/5hp- | | 47270270001<br>47270270101<br>47272660001<br>47272660101 |
| 027 | C00032453 | | | | rubber shock absorber - | | |
| 028 | C00008471 | | | 1 x C00193590 | fixing plate - compressor (750908) | | |
| 029 | C00043734 | | | | plate clamp - 80x22 compressor | | |
| 030 | C00042354 | | | | charging pipe 6x90 mm r134a | | |
| 031 | C00046376 | | | | defrost tray (stick on) 215x148x25 | | |
| 033 | C00042334 | | | 1 x C00266179 | filter gr.12 (d.1,95/d.4 mm) gas | | |
| 034 | C00037341 | | | | anti vibration rubber bush | | |
| 035 | C00042379 | | | | condenser h=1000x536x26 | | 47270270000<br>47270270001<br>47272660000<br>47272660001 |
| 035 | C00195630 | | | | condenser (h=810x530) | | 47270270101 |

Notices

## 0521123: SEALS FOR DOORS FOAMED AS ONE PIECE

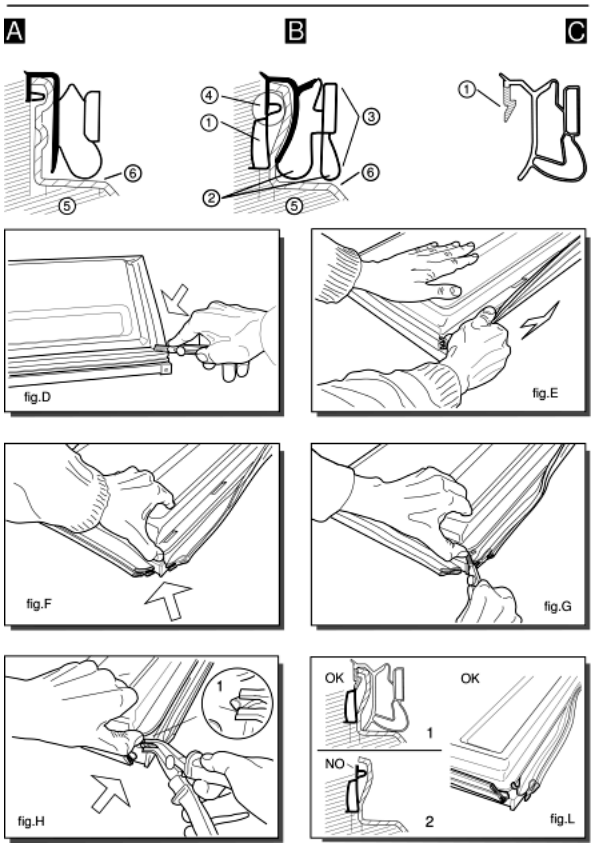
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Various types of gaskets with different profile, as shown in figures (A) and (B), are used to fix the door (fig. A-5; B-5) and the inner door (fig. A-6; B-6) on the block foamed doors of combined freezers and refrigerators.
---Ilpea profile 245; 179; 412 (fig.A)
---Ilpea profile 287 (fig.B)
When replacing gaskets with profiles 245; 179; 412 these are fixed with screws (2 per corner) to the door.
Gaskets with profile 287 can not be used as spare parts but are designed to house the Ilpea type 900 gaskets (see figure C).
When replacing the gasket (287), once it is removed you will find a pocket (fig. B-1) between the door and inner door.
The rigid tooth (fig.C-1) of the gasket (900) is inserted inside between the pocket and the inner door, doing away with the need for screws.
Gasket with profile 287 is easy to identify since it has an exterior double edge (fig.B-2) which acts as a cushion when the door is closed.
To replace this gasket, follow these steps:
---Dismount the door and cut the four corners of the gasket along the joint (fig.D);
---lift the gasket and pull it carefully along its full length without tearing it (fig.E).
The purpose here is to detach the inner door slightly from the foam along the exterior edge for a depth equal to that of the gasket (fig.B-3);
---lift the corner of the inner door slightly, prising it up with your thumb (fig.F). Do not use a tool which might break the inner door;
---continue cutting the gasket inside the inner door for about 6 mm (fig.G);
---push in the tip of the pliers (type USAG N131) and pull outwards until you see the top edge of the pocket (fig. B-4) which is empty (fig.H-1);
---if you carry out this operation correctly (fig.L) you will be able to pull off the top edge of the pocket for the full length of the door.
If the gasket tears before the top edge (fig. L-2) you should repeat this operation from the other corner of the door.
---once the gasket (287), has been removed the space above the pocket (fig. L-1) can house the rigid tooth (fig. C-1) of the gasket 900.
When you fit this gasket ensure that it lies flush against the edge for the full length of the door.
If the rigid tooth is difficult to fit, eliminate any residues of foam between the door and the inner door in the gasket area.
fig.5131549A

## n1025101: Disappearing bulb thermostats (warning!)

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The apparatus that provide for the thermostat to be threaded into a small tube located inside the fridge cabinet are noted as versions with "disappearing bulbs".




The bulb must be inserted for a length equal to the position indicated on the colored ribbon (small mark) which confirms the correct position of the bulb in the evaporation area, otherwise causing the poor performance of the apparatus.
Therefore in cases of thermostat replacement it will be necessary to reset on the new, if missing, the same small mark position and always check that the thermostat bulb is completely devoid of the sheath so as to ease its insertion.
The entrance of the small tube, placed in the thermostat container, is protected by a perforation cover in order to avoid the formation of condensation. The perforation cover was initially situated externally and could be substituted with putty or silicone.
For the models with disappearing bulb thermostats, the spare parts are inclusive of the small colored marker,
however check that its position corresponds to that on the thermostat that will be replaced.
The spare part description always notes the position of the small marker in millimeters as well as the thermostat initials.

Example : 074519 = THERMOSTAT A13-0547 C. POST FASTEX (L.390)

## n1025120: Modification of door shelves on fitted f

---

Since May 2002, the Carinaro factory has modified the moulds of the inner doors and door shelves on the new fitted range (STYLE - ECO-CLASS).
The shelf attachment has been modified (angle from 15 to 6 degrees) on the fridge inner door and the light switch-off area improved.
The new refrigerator doors with 6-degree attachment are interchangeable with the previous versions but not vice versa, therefore, the door stocks in the main replacement parts warehouse will be cleared. The new items will be managed with the same code as the previous ones.
The base of the inner door shelves has been modified for the 6-degree attachment, whereas the profiles and flip-up lids have been modified to improve the connection to the base, and therefore also these are not interchangeable with the previous ones.
Stocks of the premodification door shelves will be maintained.

New items
089086 - TRANSP. SHELF FLIP-UP LID (L.443)HOLES D.8 MM
089087 - MIDDLE SHELF NEUTRAL-44(ECO) 410 MM
089088 - BOTTLE HOLDER 44-NEUTRAL (ECO) 410 MM
089089 - MIDDLE SHELF CHROMED(CLASS) 393 MM
089090 - BOTTLE HOLDER CHROMED(CLASS) 393 MM
089091 - UPPER SHELF/NEUTRAL WHITE(STYLE) 410/6°
089092 - BOTTLE HOLDER WHITE(STYLE) 410/6°
089093 - SHELF BASE WHITE(LXH 443X70X104/6°)

Replaced elements
086391 - TRANSP. SHELF FLIP-UP LID (L.443)HOLES D.8 MM
086405 - MIDDLE SHELF NEUTRAL 44(ECO) 410 MM
086417 - BOTTLE HOLDER 44-NEUTRAL (ECO) 410 MM
088517 - MIDDLE SHELF CHROMED(CLASS) 393 MM
088518 - BOTTLE HOLDER CHROMED(CLASS) 393 MM
086701 - UPPER SHELF/NEUTRAL WHITE(STYLE) 410/15°
086423 - BOTTLE HOLDER WHITE(STYLE) 410/15°
086393 - SHELF BASE WHITE(LXH 443X70X104/15°)

Refrigerator doors cleared
086376 - REFRIGERATOR DOOR B27/GMB/NEW01 534X1026X23(ECOTECH)
087291 - REFRIGERATOR DOOR B26/GMB/STYLE 534X1024X23
086577 - ASS. REFRIGERATOR DOOR B26/GB/ECOTECH 534X1145X23
087322 - REFRIGERATOR DOOR B26/GB/STYLE 534X1184X23
087175 - REFRIGERATOR DOOR WHITE(STYLE)571X590X17
086427 - REFRIGERATOR DOOR B27/GMB/NEW01 534X1112X23(ECOTECH)
087323 - REFRIGERATOR DOOR B26/GB/STYLE 534X839X23
088879 - REFRIGERATOR DOOR B26/GMB/STYLE 534X977X23
088880 - REFRIGERATOR DOOR B26/GMB/CLAS 534X1697X23

## n1025160: Elimination of screen printing on crisper front

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From serial no. 60515.0001(May-2006) the front screen printing has been eliminated from the crispers of 55 cm wide refrigerators produced in Carinaro.
With this modification, in order to simplify crisper replacement, the parts introduced will be managed complete instead of with separate crisper and front panel.

New parts (crisper kit)

0144897 - KIT WHITE CRISPER/44 LXH 460X184X156
0144899 - KIT CRISPER PW LXH 460X184X156
0144901 - KIT CRISPER PW LXH 460X184X206
0144903 - KIT CRISPER PW/44 LXH 460X184X206

Parts replaced

086596 - TRANSPARENT CRISPER FRONT 460X155
087298 - WHITE CRISPER FRONT 460X155

## n1030084: New sliding blocks for fixing the furniture door to the refrigerator door

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Since October 2004, the Carinaro factory has been using new sliding blocks for fixing the furniture door to the refrigerator door.
The new items are fixed to the side of the refrigerator door, whereas the previous ones were fixed to the front.
The doors are no longer provided with sixteen 2.6 mm holes on the front for fixing the old slides.
The new sliding blocks can also be fitted on premodification models. Proceed as shown in the attached figure (N1030084fig.1).
When replacing the sliding blocks on premodification models it will necessary to replace both guides.
This modification has involved changing the installation KITS

NB - Door spare part codes have not been changed.

New parts

113698 - LARGE NYLON HOLDER SLIDE
113700 - NYLON HOLDER SLIDING GUIDE

Installation kit (models with plastic slides)

C00113967 - REFRIGERATOR INSTALLATION KIT INC. 2/P 290L (10/2004 )
C00113968 - REFRIGERATOR INSTALLATION KIT INC. 2/P 290L (10/2004 )
C00113970 - REFRIGERATOR INSTALLATION KIT INC. 2/P 240L (10/2004)
C00113971 - FREEZER INSTALLATION KIT INC 1/P 200L (10/2004)
C00113973 - FREEZER INSTALLATION KIT INC 1/P 140L (10/2004)
C00113974 - REFRIGERATOR INSTALLATION KIT INC. 1/P 130L 10/2004)
C00113975 - FREEZER INSTALLATION KIT INC. 2/P 300/330L (10/2004)
C00113977 - REFRIGERATOR INSTALLATION KIT INC.1/P 230L (10/2004)
C00113979 - REFRIGERATOR INSTALLATION KIT INC.1/P 160L (10/2004)
C00113985 - FREEZER INSTALLATION KIT INC 2/P 300L (10/2004)
C00113986 - FREEZER INSTALLATION KIT INC 2/P 300L (10/2004)
C00113987 - FREEZER INSTALLATION KIT INC 2/P 240L (10/2004)
C00113988 - REFRIGERATOR INSTALLATION KIT INC.1/P 300L (10/2004)
C00113989 - REFRIGERATOR INSTALLATION KIT INC.1/P 300L (10/2004)

Parts replaced

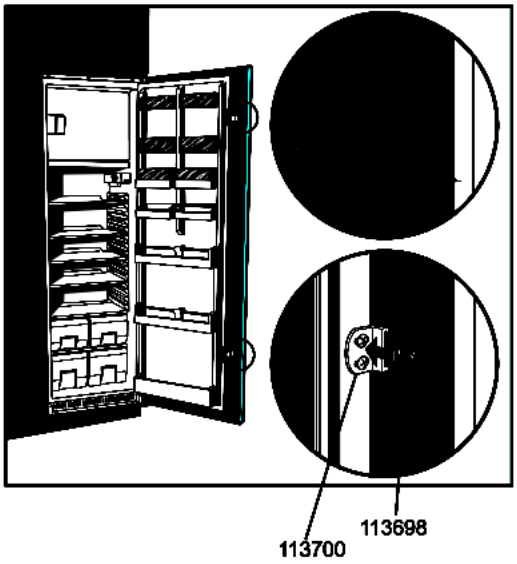
021258 - SMALL WHITE SLIDE + COVER
021259 - WHITE SLIDE

Installation kit (models with metal slides)

C00086715 - REFRIGERATOR INSTALLATION KIT INC. 2/P 290L
C00098073 - REFRIGERATOR INSTALLATION KIT INC. 2/P 290L
C00087316 - REFRIGERATOR INSTALLATION KIT INC. 2/P 240L
C00076894 - FREEZER INSTALLATION KIT INC 2/P 300/330L
C00091094 - FREEZER INSTALLATION KIT INC 2/P 330L
C00087359 - FREEZER INSTALLATION KIT INC 1/P 140-200L
C00087359 - REFRIGERATOR INSTALLATION KIT INC 1/P 130L
C00087359 - REFRIGERATOR INSTALLATION KIT INC.1/P 230L

C00087359 - REFRIGERATOR INSTALLATION KIT INC.1/P 160L
C00084964 - FREEZER INSTALLATION KIT INC 2/P 300L
C00090106 - FREEZER INSTALLATION KIT INC 2/P 240L
C00089574 - REFRIGERATOR INSTALLATION KIT INC.1/P 300L

N130084FIG1



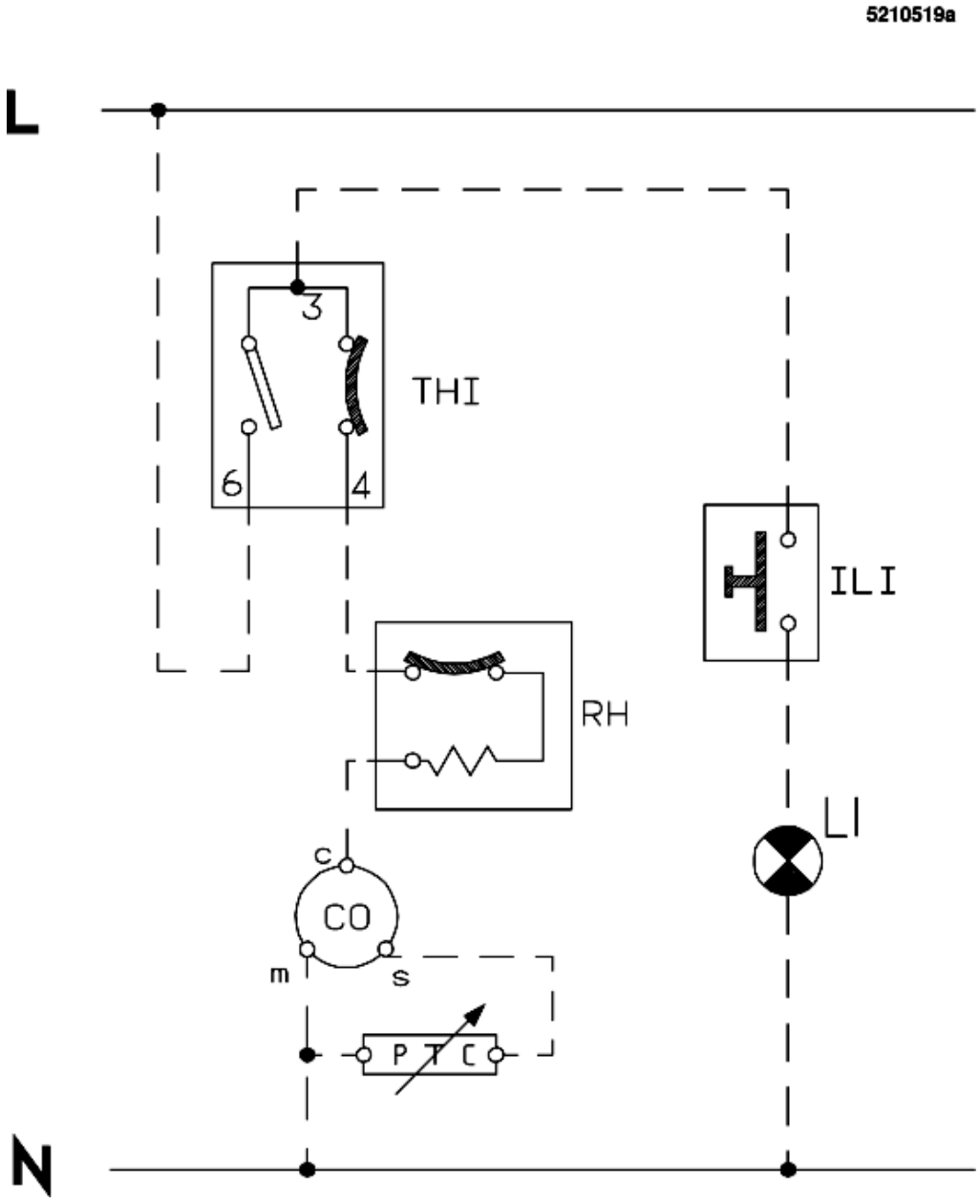

## n2511b03: COLOR CHANGE BUTTER BOX AND COVER

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Only transparent will be managed

Electric schemes and links

Cod. 521001b



# Legend

Legend: 521001b

| | | | |
|---|---|---|---|
| CM | Running capacitor | N | Neutral |
| CO | Compressor | PTC | PTC relay |
| FA | Radio anti-trouble filter | R | Heating resistance |
| IDS | Schackler with warning | RA | Ammetrical relay |
| ILFR | Push-button for fridge lamp/fan | RAN | Heating element condensation |
| ILFZ | Push-button for freezer lamp/fan | RFZ | Heating element condensation freezer |
| ILI | Lamp switch | RH | Thermal relay |
| IP | Door switch | RS | Defrosting resistance |
| IR | Line switch | RS1 | Defrosting resistance no-frost evaporator |
| ISC | Warning light-freezing switch | RS2 | Defrosting resistance no-frost gutter |
| IV | Fan-motor switch | SDC | CONTROL CARD DIAGRAM |
| L | Line | SL | Line warning |
| LFR | Fridge lamp | SND1 | PROBE REFRIGERATOR EVAP. |
| LFZ | Freezer lamp | SND2 | AIR-PROBE FREEZER |
| LI | Lighting lamp | SND3 | AIR-PROBE REFRIGERATOR |
| M | Mass/Eart symbol | T | Erden |
| MO | Terminal board | TC | Turbocooling |
| MT | Timer motor | TF | Fuse-thermic |
| MV | Fan motor | THI | Thermostat switch |
| MVCO | Compressor compartment fan | THR | Adjustable thermostat |
| AR | Rear | MIDE | Defrost timer |
| ARE | Off | MRCL | Light brown |
| AUTR | Autotransformer | N | Black |
| AV | Front | NEU | Neutral |
| B | Blue | NU | Not used |
| B/N | Blue / Black | OPT | Optional |
| B/R | Blue / Red | OR | Orange |
| BCD | Control box | OR/N | Orange/Black |
| BLP | Lamp box | P | Plate |
| BR | Brown | PAB | Terminal strip |
| BRR | Connection terminal board | PCON | Freezer door |
| CD | Surge Capacitor | PH | Phase |
| CNTD | Activation contact | POS | Position |

| | | | |
|---|---|---|---|
| CNTS | Signs contact | PRBI | Bimetal protection |
| COM | Selector | PTC | PTC start |
| COMP | Compressor | R | Red |
| CON | Connector | RAC | Anti condensation heating |
| CONG | Freezer | RBD | Dispenser heating element |
| CONM | Multiple connector | RCAV | Cavity heating element |
| CONP | Main connecting | RD | Defrost heating element |
| CORA | Fast freezing | RENC | Frame heating element |
| CORD | Supply cable | RET | Time delay |
| CPER | Permanent condenser | RFAC | Facade heating element |
| CTES | Test cord | RITH | Thermostat internal |
| DMX | Auxiliary start | RL | Relay |
| EAU | Water | RO | Pink |
| ECL | Lighting | RO/N | Pink / Black |
| ECLC | Cavity lighting | RPTC | PTC relay |
| ERT | Working winding | RST | Heating element |
| EV | Electrovalve | S | Sector |
| FAGL | Icemaker | SGLP | Crushed cube solenoid |
| FRIG | Refrigerator | SON | Ringing |
| FUSI | Isolating fuse | STH | Thermal safety |
| GLA | Cube | TH | Thermostat |
| GPI | Crush | THCT | Thermo-contact |
| GR | Grey | THD | Defrost thermostat |
| GR/J | Grey / Yellow | THER | Thermal |
| GVAT | Ground with condenser auto tapped screws | THG | Main thermostat |
| I+V | Switch + LED | THIS | Power switch thermostat |
| ICCA | Frozen food cavity switch | TURB | Turbine |
| ICR | Fast freezing switch | UG | Defrost control |
| IEF | Cold water switch | V | Green |
| IGL | Icemaker switch | V/J | Green / Yellow |
| IGLP | Crushed cube switch | VATC | Refrigerator temp. |
| IHUM | Humidity switch | VATR | Freezer temp. variator |
| ILUM | Light switch | VE | Fan |
| INT | Switch | VECO | Condensation fan |
| IP | Door switch | VEEV | Evaporator fan |
| IS | Power switch | VEF | Cold water valve |
| J | Yellow | VFG | Ice maker valve |
| J/N | Yellow / Black | VI | Violet |
| J/V | Yellow / Green | VIB | Vibrator |
| LAMP | Light | VO | LED |
| LCCO | Frozen food cavity light | VOA | Alarm LED |
| LCUV | Cavity light | VOIP | Door switch LED |
| LFRI | Refrigerator light | VOS | Power LED |
| LLEG | Crisper light | VOU | Voltage LED |
| LMDI | Ice disp. motor switch | W | White |
| MA | On | W/MR | White / Brown |
| MDIS | Ice disp. motor | W/R | White / Red |