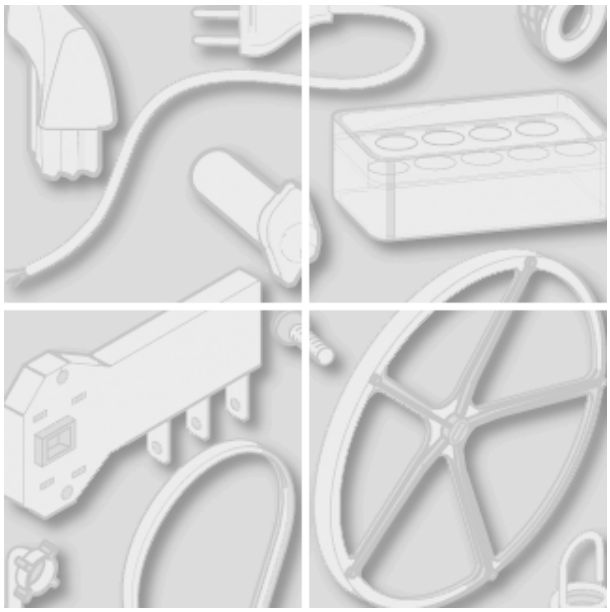
INDESIT company



Model type:
B34FNFXSP

Commercial code:
F032248

# 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:

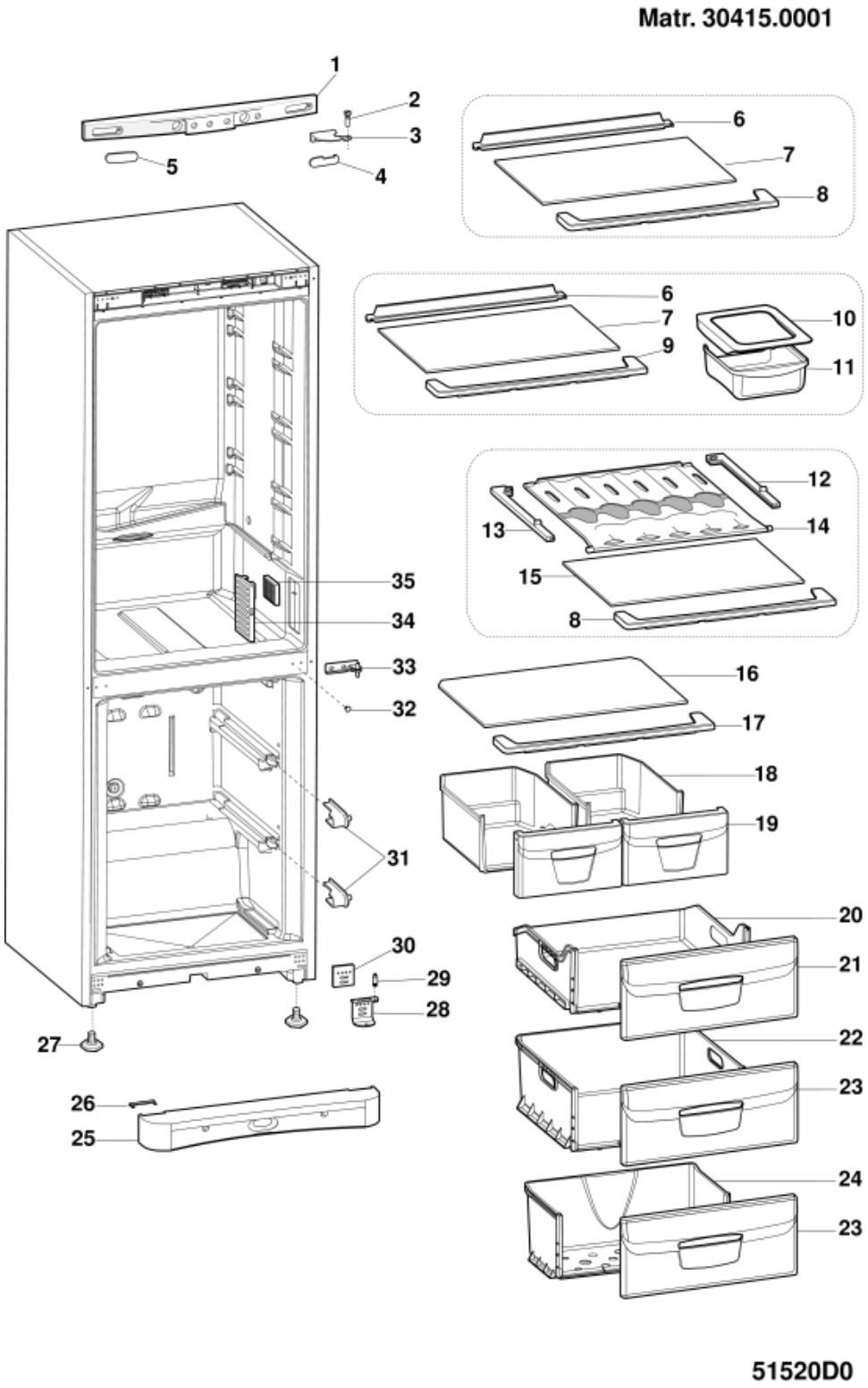
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

51520d0 Exploded views

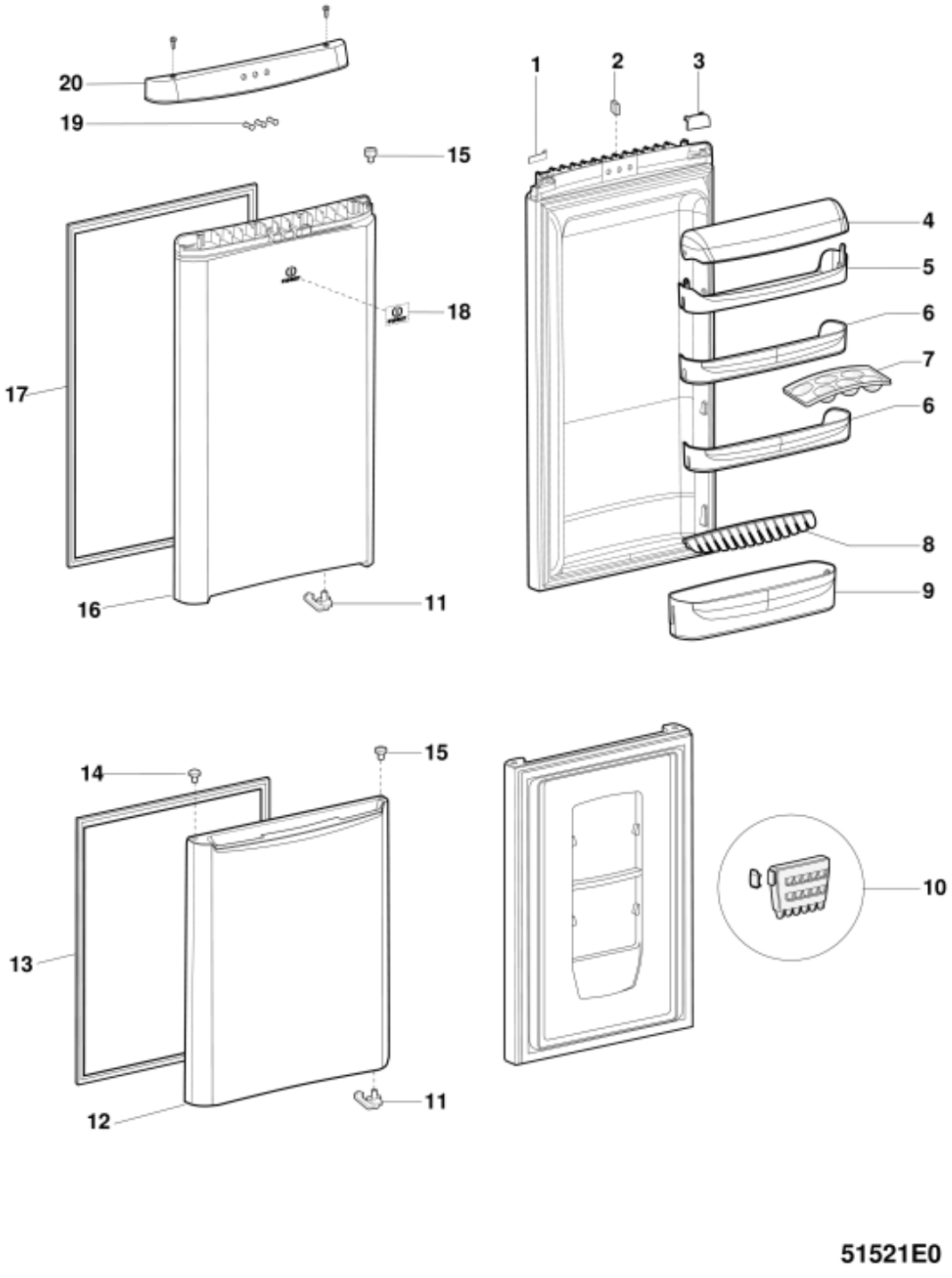


51520d0 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 000 | C00110252 | | | | instruction booklet i-uk-d-es-pt | | |
| 001 | C00110250 | | | | blende nofrost aluminium | | |
| 002 | C00075565 | | | | hinge pin - m8x3 (18+2,5) | | |
| 003 | C00081644 | | | | upper hinge lh-rh | | |
| 004 | C00082864 | | | | hinge surround (74x20) - | | |
| 005 | C00082004 | | | | blanking plug (74x20) - | | |
| 006 | C00094447 | | | | glass shelf rear trim | | |
| 007 | C00094449 | | | | glass shelf 493x336,5x4 indesit | | |
| 008 | C00094444 | | | | glass shelf front trim | | |
| 009 | C00094445 | | | | front glass section w.530 white | | |
| 010 | C00094453 | | | 1 x C00116467 | chiller cover (wxd) 245x334x31 | | |
| 011 | C00094450 | | | 1 x C00283887 | chiller box drawer (240x273x100) | | |
| 012 | C00094735 | | | | guide (right) play zone white | | |
| 013 | C00094736 | | | | guide (left) play zone white | | |
| 014 | C00094732 | | | | shelf play zone blue 496/471x306 | | |
| 015 | C00094726 | | | | glass shelf 493x336,5x4 play zone | | |
| 016 | C00094691 | | | | crisper cover (499x334x4 2x450) | | |
| 017 | C00094432 | | | | glass crisper cover trim | | |
| 018 | C00075590 | | | 2 x C00096115 | crisper box (wxhxd | | |
| 019 | C00094433 | | | | salad bin front 246 x 160mm light | | |
| 020 | C00094442 | | | | upper drawer -(wxd 444x398) - | | |
| 021 | C00094718 | | | 1 x C00076116 | panel drawer - wxh 440x197 | | |
| 022 | C00075593 | | | | middle & top drawer | | |
| 023 | C00094439 | | | | drawer front/flap (440x197) light | | |
| 024 | C00075594 | | | | lower drawer (440x242x160) | | |
| 025 | C00097520 | | | | front base moulding indesit3 - | | |
| 026 | C00095769 | | | | aluminium-met base cap | | |
| 027 | C00053419 | | | | adjustable foot | | |
| 028 | C00076614 | | | | lower hinge assy(m6) rh-lh - | | |
| 029 | C00017658 | | | | hinge pin m6x13,5 | | |
| 030 | C00075566 | | | | lower hinge fixing plate (30x40) 6 | | |
| 032 | C00007749 | | | | hole cover grey d,4,5x3 mm | | |
| 033 | C00053838 | | | | central hinge - chrome | | |
| 034 | C00094429 | | | 1 x C00116362 | cover air return rh white | | |

51521e0 Exploded views

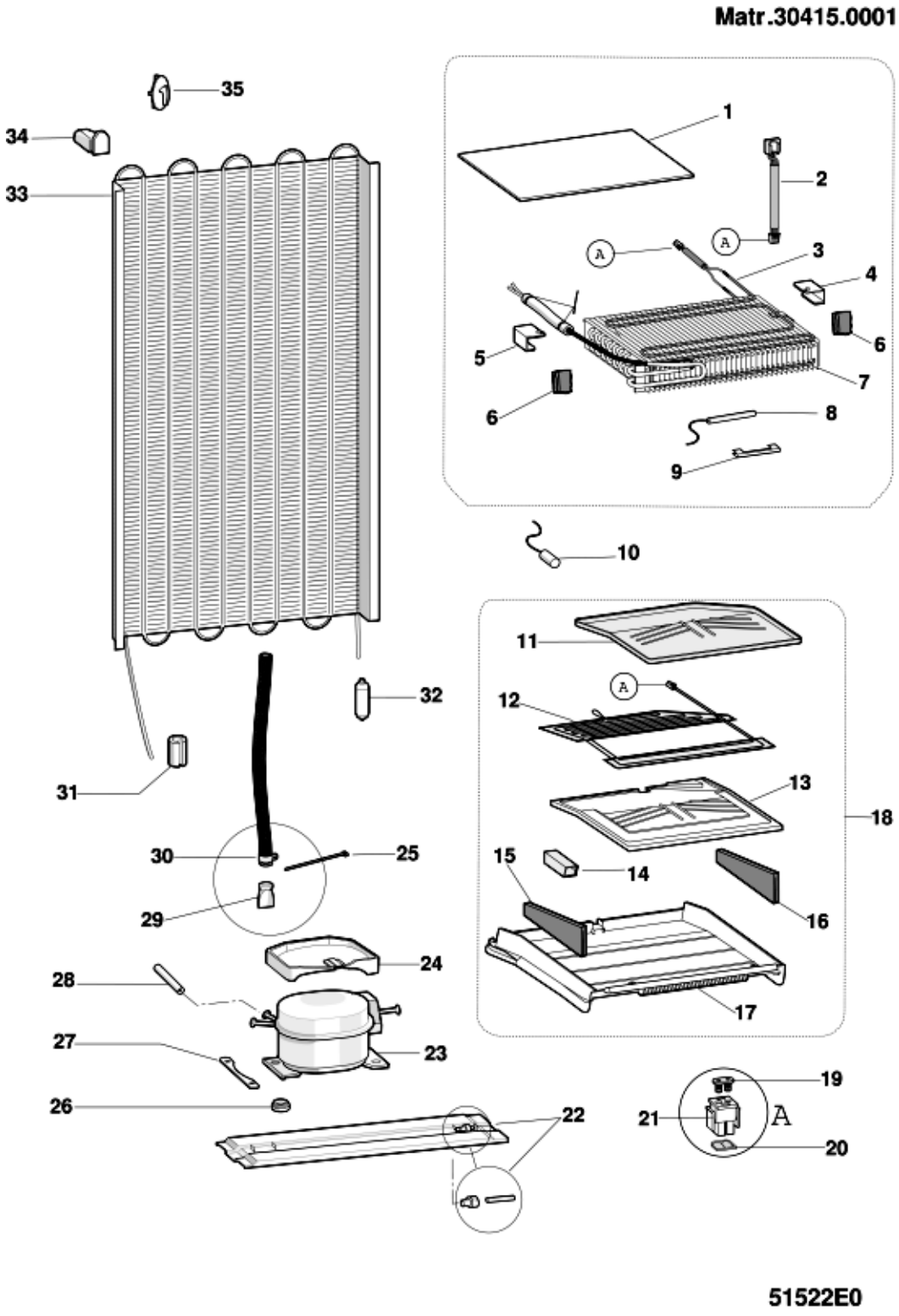
Matr. 30415.0001



51521e0 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 002 | C00075612 | | | | magnetic switch (door stop) | | |
| 003 | C00082005 | | | | hinge surround lh 66x27 - alum. | | |
| 004 | C00094417 | | | | dairy shelf cover 486x66 light | | |
| 005 | C00094416 | | | 1 x C00081942<br>1 x C00081948 | shelf eggs wxh 486x64x112 | | |
| 006 | C00094415 | | | | central shelf wxh 486x6x112 | | |
| 007 | C00076539 | | | 1 x C00114690 | eggs tray (6) - white | | |
| 008 | C00081955 | | | 1 x C00114685 | shelf trim rail (423x39) white | | |
| 009 | C00094410 | | | 1 x C00081943 | bottle shelf 486x104x135 light | | |
| 010 | C00075560 | | | | ice cubes conteiner (indesit00) | | |
| 011 | C00082894 | | | | lh door stop bush - grey | | |
| 011 | C00082899 | | | | rh door stop bush - grey | | |
| 012 | C00098714 | | | | freezer door assy 592x713x87 | | |
| 013 | C00075531 | | | 1 x C00115566 | freezer door gasket (554x682) | | |
| 014 | C00082000 | | | | blanking plug (h.14 | | |
| 015 | C00014155 | | | | grey door bush 3 mm'salvagnini' | | |
| 015 | C00016387 | | | | hinge bush 4mm - grey | | |
| 016 | C00110249 | | | | fridge door indesit3 592x1137x69 | | |
| 017 | C00076126 | | | 1 x C00115396 | freezer door gasket (554x1051) | | |
| 018 | C00094380 | | | | logo indesit chromed | | |
| 019 | C00095258 | | | | indicator light grey56 (indesit-03) | | |
| 020 | C00110251 | | | | control panel-top cover 594x54 | | |

51522e0 Exploded views

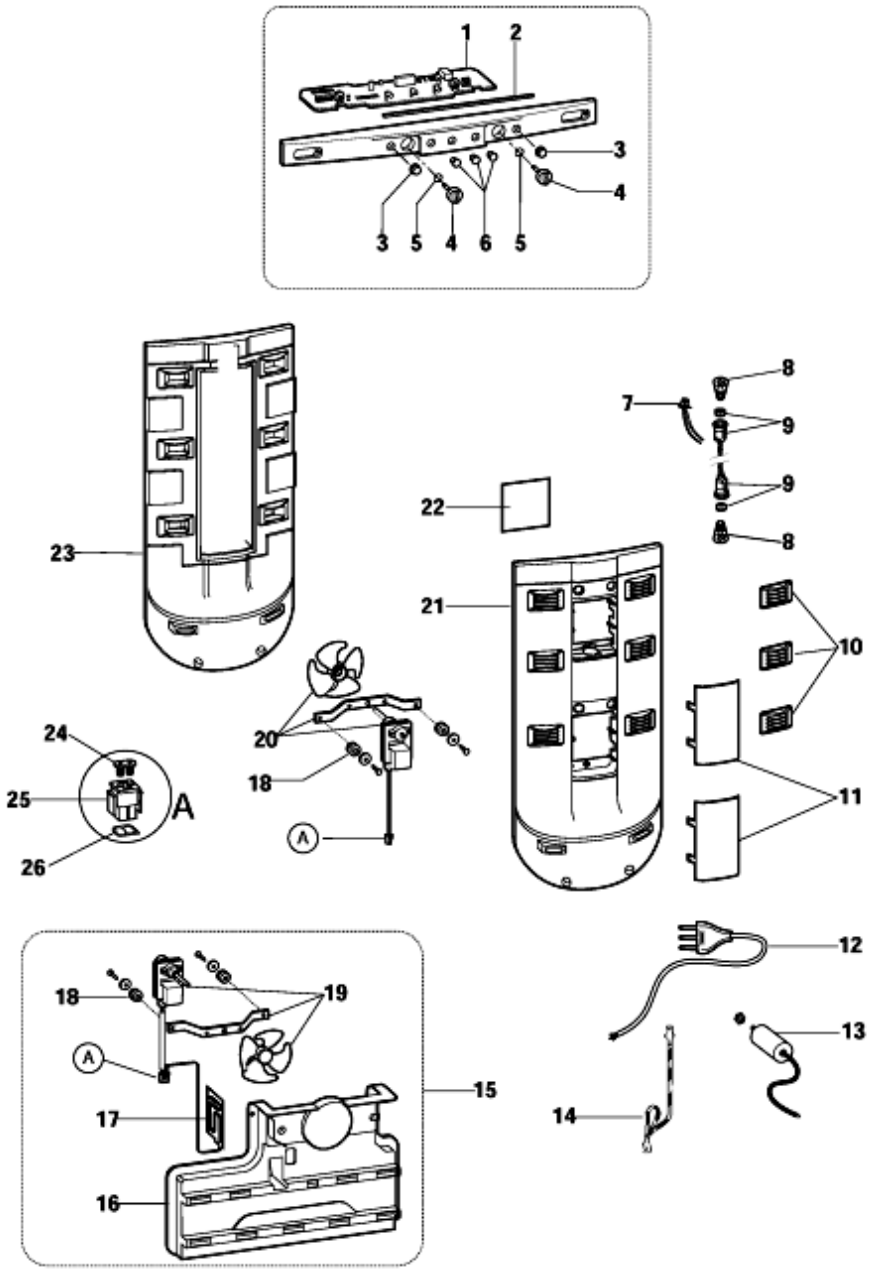


51522e0 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 002 | C00094665 | | 81118... | 1 x C00196989 | fuse-m tf0410012 72°c 220v(amp | | |
| 002 | C00266868 | 81119... | | | thermofuse 72°c (w.520) | | |
| 003 | C00094663 | | | | no-frost evap.resis.140w 240v | | |
| 004 | C00094498 | | | | evaporator-nf back fixing plastic | | |
| 005 | C00094500 | | | | evaporator-nf back fixing plastic | | |
| 006 | C00094463 | | | | evaporator sponge seal | | |
| 007 | C00094667 | | | 1 x C00113845 | set freezer evaporator nofrost r600 | n1030085 | |
| 007 | C00113845 | | | | set freezer evaporator nofrost r600 | | |
| 009 | C00059949 | | | | retainer - probe bulb sensor | | |
| 012 | C00094469 | | | | defrosting gutter resist. 47,6w | | |
| 014 | C00094472 | | | 1 x C00145089 | defrost water raceway | | |
| 015 | C00094468 | | | | separator sponge seal lh | | |
| 016 | C00094467 | | | | separator sponge seal rh (250x26) | | |
| 018 | C00094485 | | | 1 x C00097661 | set shell freezer separator no frost | | |
| 018 | C00144883 | | | | kit pipe aluminium l=71,6 (17x23) | n1030101 | |
| 022 | C00013997 | | | | mounting channel 586mm - | | |
| 023 | C00094402 | | | 1 x C00054788 | compr. htk12aa 220-240/50 1/4hp- | | |
| | | | | 1 x C00099146 | | | |
| 023 | C00099146 | | | 1 x C00144759 | compres. danf. nle13kk3 220- | | |
| 024 | C00054788 | | | | defrost water tray - (plastic) | | |
| 024 | C00094407 | | | | defrost water tray zanussi (nf) | | |
| 025 | C00032492 | | | | fixing-clamp fastex (2007691100) | | |
| 026 | C00032453 | | | | rubber shock absorber - | | |
| 027 | C00008471 | | | 1 x C00193590 | fixing plate - compressor (750908) | | |
| 028 | C00008727 | | | | charging pipe without valve | | |
| 028 | C00043021 | | | | service pipe with valve (6 nfmssv) | | |
| 029 | C00028100 | | | | flap valve drain membrane | | |
| 030 | C00095021 | | | 1 x C00028100 | connector - defrost pipe/non | | |
| | | | | 1 x C00032492 | | | |
| | | | | 1 x C00094398 | | | |
| 032 | C00045265 | | | 1 x C00266179 | filter gr.12 (d.1,95/d.4 mm) gas | | |
| 033 | C00023282 | | | | condenser h=1000+200x591 | | |
| 034 | C00015332 | | | | spacer - condenser | | |
| 035 | C00094418 | | | | stop mains supply cable | | |

5152330 Exploded views

Matr. 30415.0001



5152330 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 001 | C00094383 | | | | card micropr | n1030075 | |
| 002 | C00094202 | | | | sponge(350x8x8) | | |
| 003 | C00085285 | | | | buttons cover grey-446 (h=5,5 | | |
| 004 | C00082976 | | | | trimmer knob aluminium-met | | |
| 006 | C00059921 | | | 1 x C00132028 | lens (indicator light) | | |
| 007 | C00094688 | | | | fridge wiring-amp lamp bulb | | |
| 008 | C00060617 | | | | lamp bulb 10w (e14) | | |
| 009 | C00094952 | | | 1 x C00066295<br>1 x C00094681 | lamp-socket (vossloh) 250v e14 | | |
| 011 | C00174888 | | | | lamp cover-fridge | | |
| 012 | C00008598 | | | | mains supply cable 3x0,75 | | |
| 015 | C00094490 | | | | set air conveyor nofrost-60 | | |
| 017 | C00095014 | | | | set fan-motor/defrost heater kit | | |
| 018 | C00046806 | | | | rubber anti shock bush - fan motor | | |
| 020 | C00094660 | | | 1 x C00095800 | fan-motor f6410 220v 3,5w(amp- | | |
| 021 | C00094737 | | | 1 x C00111030 | multi-flow cover l70 arst(kit) | n1030079 | |
| 021 | C00111030 | | | 1 x C00117071 | multi-flow cover l70 arst(kit) | | |
| 022 | C00094669 | | | | light deflection folio (80x100x0,1) | | |

# Notices

## n1025093: Doors / weather stripping combined fridges / freezers Indesit/2000 Melano and Setubal

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With the exception of the model R45, width 700 mm produced in Turkey (Manisa), on all the combined fridge and freezer models in the Indesit (range 2000), width 600 mm produced in Italy (Melano) and in Portugal (Setubal), Poland (Lodowek) the doors handled as replacement are without weather stripping because this is no longer blocked between door and counter-door.
The weather stripping has a new profile and is located in the housing resulting along the external perimeter of the counter-door, where it is threaded through by simple hand pressure. To remove the weather stripping it will suffice to unthread it from its housing without any other operation.

Therefore in case of replacement of the door the weather stripping may be recovered from the existing door, however the weather strips are handled singularly as a spare part.

## n1030020: Replacement of NTC sensors on latest generation of "cold product line" models

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(KRF 310VE - KRF330VE - KRF310VNFE - KRF330VNFE), including the new combo appliances in the Indesit-2000 range (C238 e C240), Ariston-2001 (MBA3831-4031- 4231 ; MBA3841 - 4041) on static or no-frost "cold product line" models of the latest generation electronic version, the NTC sensors cannot be replaced because they are blocked within the cabinet. This decision is due to the low faultiness of the component and to the high guarantees of operation in foam-insulated environments.

The exceptions to the aforementioned are the upright Ariston electronic 600 mm wide freezers, rounded aesthetics, Ariston models EUP300XEU - EUP350XEU - TUP300XOM (including deriving versions) where the sensor can still be replaced in the event of a fault.
Where the replacement of the product is deemed necessary by the probe defect, then it is important to closely check that the problem is determined by the probe and not by the electronic card.
In order to check the correct operation of the probe it is possible to measure the resistance of the wiring harness terminals that must present the following values :

- temperature of + 20 °C = about 2.000 ohm (air probe at environment temperature)
- temperature of + 5 °C = about 7.000 ohm (fridge air probe)
- temperature of - 18 °C = about 23.000 ohm (freezer air probe)

Also, in a less technical manner, replacing each probe on the electronic card (at room temperature) in a "steering" manner, checking the elimination of the problem (if the compressor starts the probe is defective).

N.B. the probes are identifiable by their coloration (marking) placed on the probe and its wiring harness :

-fridge evaporator probe (black marking)
-fridge air probe (brown marking)
-freezer air probe (white marking)
-freezer evaporator probe (no-frost) end of defrost (light blue marking).

## n1030034: Magnetic switch on combined electronics Ariston-Indesit range - 2000

---

On combined electronic models ( Ariston and Indesit, range 2000 ) on the base of the door's dashboard of refrigerator, there is a magnetic switch assembled (075612) with a rectangular shape that must be inserted on the appropriate hole in the narrow side (the position is compulsory for the stop and the correct function of the product).

The missing of the magnetic switch can cause the following inconvenient with open or closed door:

-If the product has being lit for more than 3 minutes and if magnet is missing, the lamp flashes (if is not broken) as soon as the door opens.

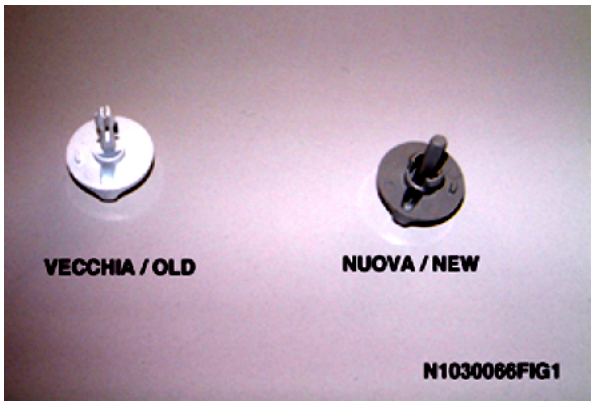
So, in case of substitution of the fridge door, to avoid this inconvenient, together with the dashboard and the moulding, the magnetic switch must always be rescued.
From the end of July the production Dpt. will supply as spare parts the fridge doors of combined electronics, already included with the magnetic switch.
(Anyway please verify always its presence).

## n1030066: Modification of trimmer knob on Ariston Opera-60 and Indesit fridge-freezers

---

In November 2003 (serial no. 31101.0001) the Melano factory replaced the control panel knob with rear expansion on Ariston Opera-60 and Indesit fridge-freezers (see fig.1).
This modification solves the problem of card damage and facilitates removal, that previously was only possible using tweezers.
With the new solution the knob locks on the control panel and not on the card trimmer.
For disassembly or removal, the knob must always be set (as the previous one) to stop = dot (see fig. 2).
This is necessary in order to fit or extract the knob pin from the trimmer without damaging it, after which the knob can be set to the desired operating position.
To remove the knob from the trimmer, lightly press the pin; when refitting, protect the trimmer with fingers to avoid damaging the card.
When working on the card or control panel make sure to always insert the card before fitting the knob.
The new knobs can also be fitted on premodification models; Service codes will remain the same, after replacing stocks.

080610 - TRIMMER KNOB BROWN-18
080611 - TRIMMER KNOB YELLOW (mass)
084424 - TRIMMER KNOB YELLOW-1003 (varnished)
082976 - TRIMMER KNOB ALUMINIUM-MET
083769 - TRIMMER KNOB SILVER
082116 - TRIMMER KNOB BLUE
078476 - TRIMMER KNOB SILVER- 647





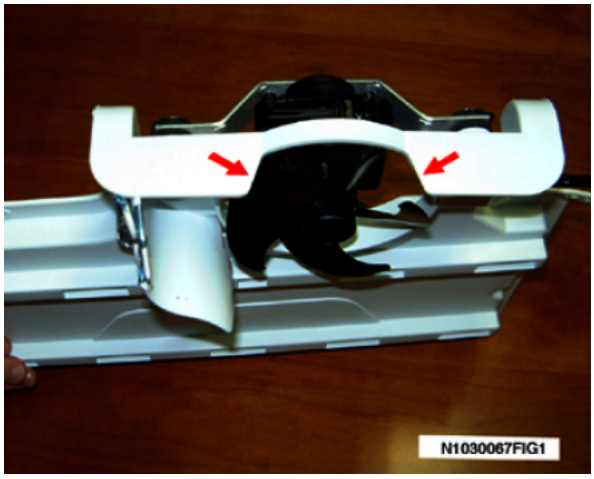


## n1030067: Noisy freezer compartment fan in Ariston and Indesit Opera-60 total no-frost fri

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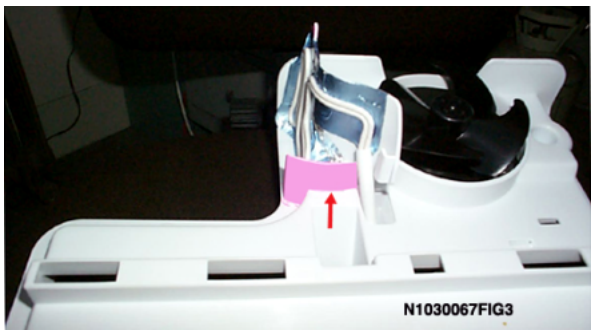
On Ariston and Indesit Opera60 Total No Frost fridge-freezers produced before August 2003, the freezer fan may stop due to ice build-up (stalactites), activating the alarm.
The problem has been solved by emptying the conveyor (chamber separator) in the upper part to give the fan more space (see fig.1).

To solve the problem in products in use, an air conveyor kit (Sat code 094490), which also includes modifications to reduce dispersion air flow, has been introduced since 25/9/2003 (see fig.2) and 06/10/2003 (see fig.3).









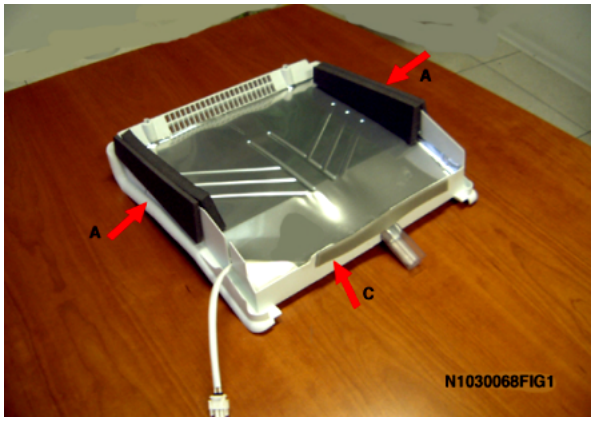

## n1030068: Low fridge compartment temperatures in Ariston and Indesit Opera-60 Total No Fro

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In Ariston and Indesit Opera-60 Total No Frost fridge-freezers produced before June 2003, there may be a lowering of the fridge compartment temperature in the crisper area (with freezing of food) due to the backflow of cold air from the freezer.
This problem generally occurs when the "super freezer 24 or 48 hours" function is set.
The problem has been solved as follows:

1) The "Super freezer-24 hours" power card software has been modified. The power cards managed as spare parts (095711 - 094383) were all replaced on 01/06/2003.
2) The lower vents on the multiflow have been closed from the inside (see fig.3/4-ref.A) and the outlet of those located in the curved area has been reduced (see fig3/4- ref.B). To solve the problem on products in use there are two spare part kits: 094675 for the version with three outlets, and 094737 for that with four.
3) The two side sponges on the freezer separator have been lengthened (see fig1-ref. A) and another has been fitted at the back, in the outlet hole area (see fig.1-ref C). Kit 097661 is managed to solve the problem on products in use. This kit includes a double filament resistance (see note N1030069).
4) The air conveyor has been modified to improve air circulation (see N1030067 fig. 2-3). Kit 094490 is managed as a spare part to solve the problem on products in use

The models affected by this problem are all those produced between serial nos. 30523.0001 and 30614.0001 for the card software modification; and between 30523.0001 and 30728.001 for the multiflow modification.



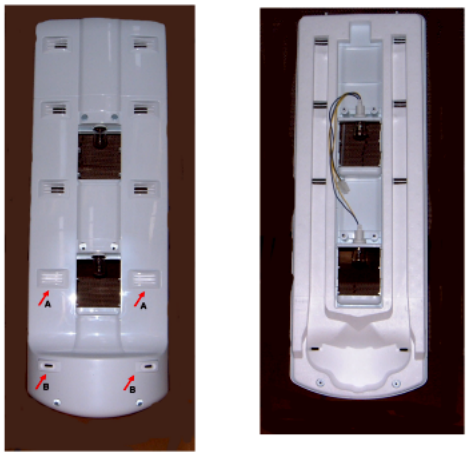



KIT 094675 N1030068FIG3

## n1030069: Freezer compartment drip hole obstructed on Opera60 Total No Frost fridge-freeze

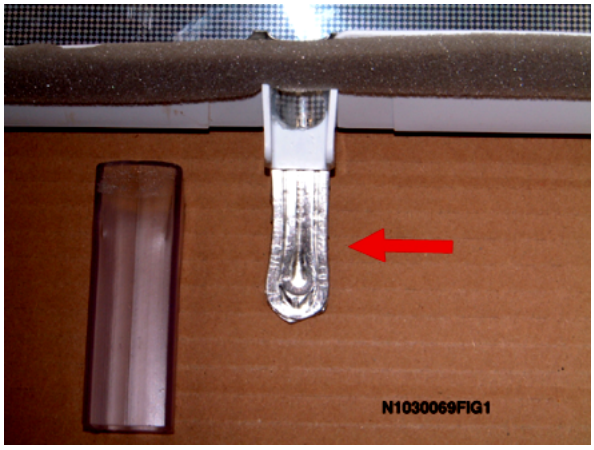
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On Ariston and Indesit Opera60 Total No Frost fridge- freezers produced before June 2003, the freezer separator drip hole may be obstructed due to ice build-up.
The problem has been solved by fitting a double filament resistance at the end part, which can be seen by removing the rubber protection. (see fig. 1). The resistance is glued to the drip (see fig. 2).
Freezer separator Sat code 094485, complete with modified resistance, is managed as a replacement to solve the problem on products in use.

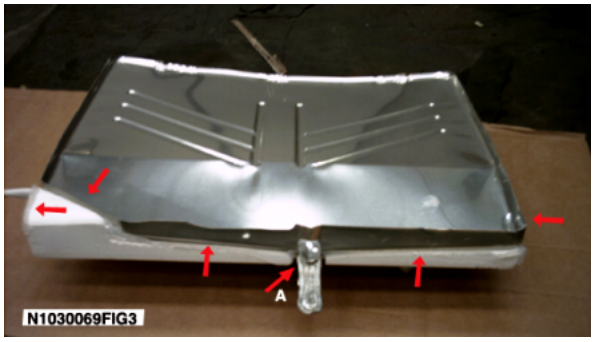



KIT 094737 N1030068FIG4

If the 40W resistance needs replacing it will be necessary to restore the sealing, located in the hole area, using silicone (see fig3 - ref A).
Also, to protect the separator from possible water penetration, silicone is used to protect the drip with polystyrene insulation at the back, and also the right corner, relevant to the wiring outlet is protected with silicone in the upper part.






## n1030079: Modification of multiflow on Ariston and Indesit Opera-60 Total no frost

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In June 2004 (serial no. 40604.0001), the Melano factory modified the multiflow fixing system to the shell on Ariston and Indesit Opera-60 Total No Frost fridge-freezers.
The inner wall of premodification models featured four square marks (20x20) in the central area for fixing the multiflow cover. The four marks have been eliminated and the wall only features the position for the holes.
Furthermore, the head of the four pins that house the fixing screws on the multiflow cover have been modified. Premodification items ended with an external diameter of 9 mm, whereas the current version has a diameter of 16.3 mm (see figures N1030079FIG1 and FIG2).
The new multiflow cover can be mounted on premodification models but not vice versa, paying attention not to overtighten the screws as the pins may break. If necessary, bush 039567 can be used as stopper.
The multiflow cover is managed as Kit to solve the problem, on products in use, of the formation of condensation on the vegetable basket due to the inflow of cold air from the freezer (see note N1030068).
Spare parts related to the replaced items will be available until stocks run out.

NB- Opera-70 fridge-freezers produced in the Manisa factory are not affected by this modification.

New parts

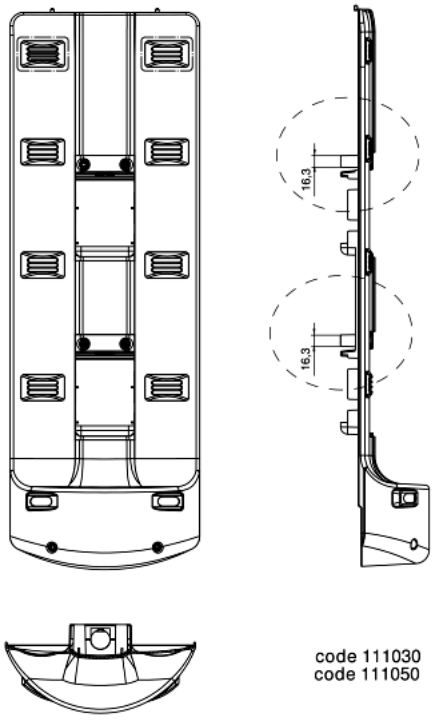
111030 - 4-way multiflow cover KIT (serial no. 40604.0001)

111050 - 3-way multiflow cover KIT (serial no. 40717.0001).

Parts replaced

094737 - 4-way multiflow cover KIT

N1030079FIG2




code 111030
code 111050

## n1030085: New freezer evaporator on Ariston/Indesit total no frost 60 cm fridge-freezers

---

In October 2004, the Melano factory modified the freezer evaporator and return tube on Ariston and Indesit Opera-60 total no frost fridge-freezers, in order to improve the connection.
Now the return tube is straight (outer diameter 6 mm), whereas previously it had a socket end 15 mm long (outer diameter 6.35 mm).
Before the modification, the coil tube on the freezer evaporator (outer diameter 8 mm) was straight, now it has a tapered end section 15 mm long (outer diameter 7.6 / inner 6.2 mm) to insert the return tube.
If the evaporator needs replacing, it will be necessary to connect it with a Lokring connector 7.5/6 NRAL50 (058213) or 7.5/6NRMS00 (058203).

If tightness is lost when the ring is removed, it will be necessary to use connector 8/6 NRAL50 (058214) or 8/6 NRNS00 (042050).

The new freezer evaportor can be fitted on premodification appliances, but once the ring is removed, the 6 mm outer diameter must be restored on the return tube (check that it is long enough to be able to use the pliers to connect the 7.5/6 ring).

New parts

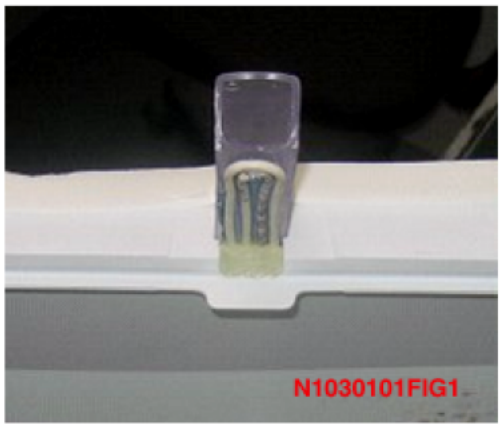
113845 - NOFROST FREEZER EVAPORATOR ASSEMBLY R600/R134a

Parts replaced

094667 - NOFROST FREEZER EVAPORATOR ASSEMBLY R600/R134a

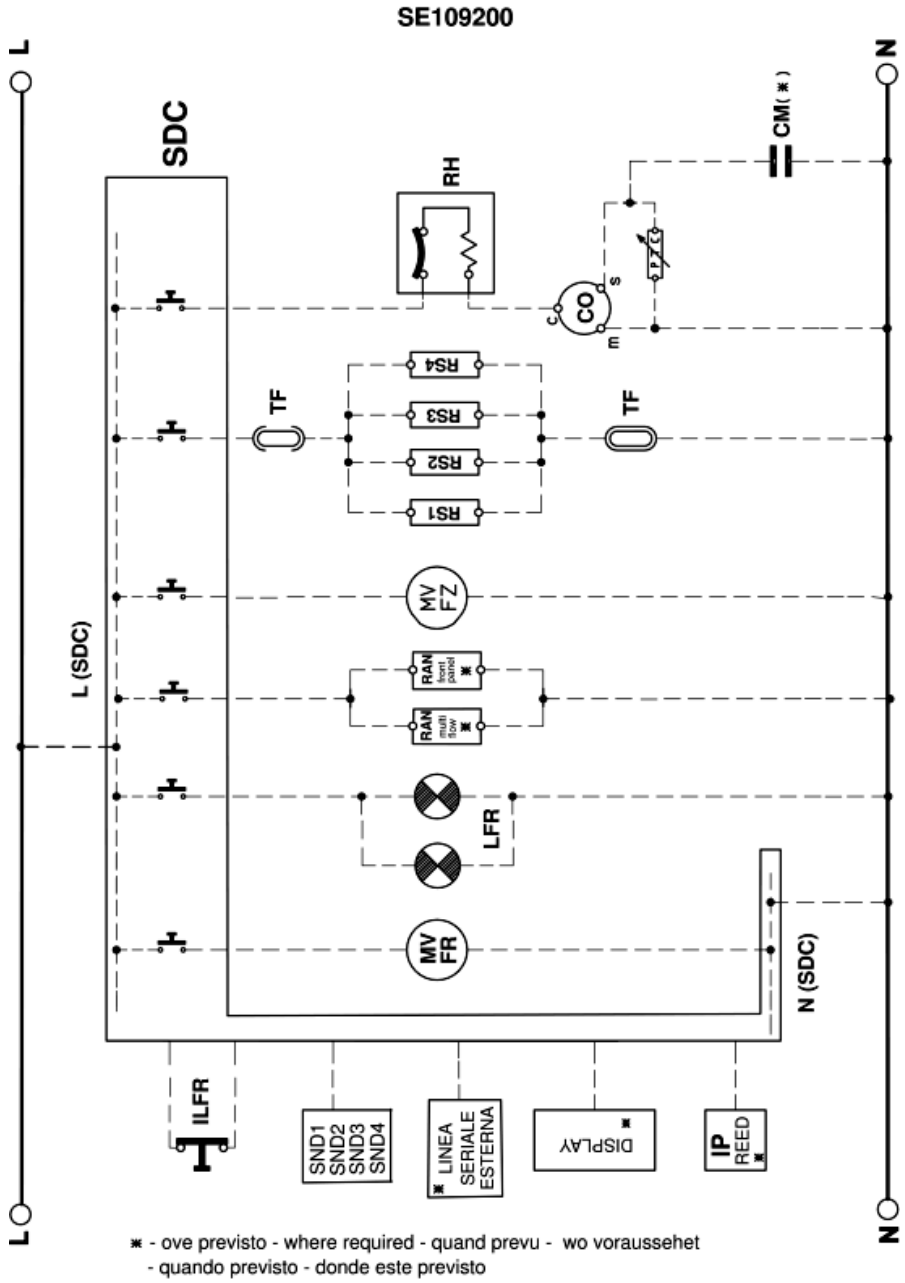
## n1030101:

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N1030101FIG1

Electric schemes and links

Cod. SE109200



# Legend

Legend: SE109200

| | | | |
|---|---|---|---|
| BZ | Audio freezer alarm | R | Heating resistance |
| C | Surge Capacitor | RA | Ammetrical relay |
| CM | Running capacitor | RAN | Heating element condensation |
| CO | Compressor | RFZ | Heating element condensation freezer |
| EV | Electrovalve | RH | Thermal relay |
| FA | Radio anti-trouble filter | RS | Defrosting resistance |
| IDS | Schackler with warning | RS1 | No frost evaporator resistance |
| IEC | ON OFF loads switch | RS2 | No frost drip pan resistance |
| IEFR | ON OFF refrigerator switch | RS3 | Defrosting resistance |
| IETH | Thermostat exclusion | RS4 | Defrosting resistance |
| ILFR | Push-button for fridge lamp/fan | RTA | Thermo actuator defrosting resistance |
| ILFZ | Push-button for freezer lamp/fan | SA | Allarm warning |
| ILI | Lamp switch | SC | Freezing warning |
| IP | Door switch | SDC | CONTROL CARD DIAGRAM |
| IR | Line switch | SL | Line warning |
| ISC | Warning light-freezing switch | SND1 | SONDE VERDAMPFER KUEHLSCHRANK |
| IV | Fan-motor switch | SND2 | SONDELUFT FREEZER |
| IVFZ | Freezer fan-motor switch | SND3 | AIR-PROBE REFRIGERATOR |
| L | Line | SND4 | Sonda evaporator freezer |
| LFR | Fridge lamp | SND5 | SONDA ARIA FREEZER VANO |
| LFZ | Freezer lamp | T | Erden |
| LI | Lighting lamp | TA1 | Open thermo actuator |
| M | Mass/Eart symbol | TA2 | Closed thermo actuator |
| MO | Terminal board | TC | Turbocooling |
| MT | Timer motor | TF | Fuse-thermic |
| MV | Fan motor | THA | Allarm thermostat |
| MVC | Compressor fan motor | THC | Freezer thermostat |
| MVCO | Compressor compartment fan | THDF | Refrigerator shackler thermostat |
| MVFR | Fan motor fridge | THI | Thermostat switch |
| MVFZ | Fan motor freezer | THR | Adjustable thermostat |
| N | Neutral | TP | Thermoprotector |
| PTC | PTC relay | TR | Transformer |