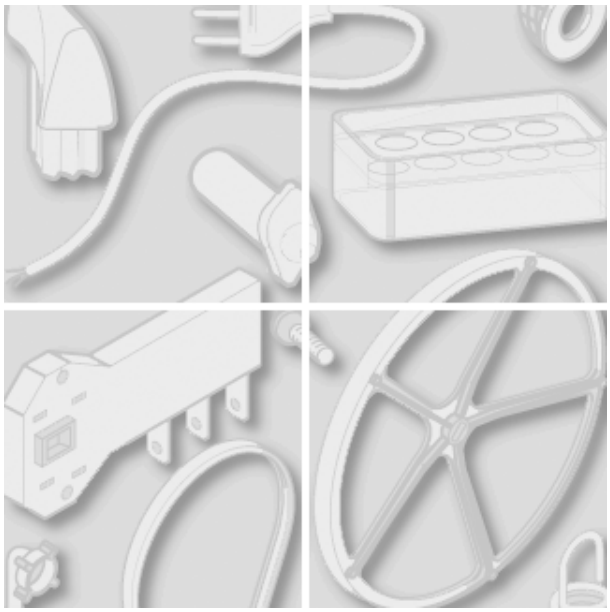
INDESIT company



Model type:
MB40D2NFE

Commercial code:
F029465

# 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:

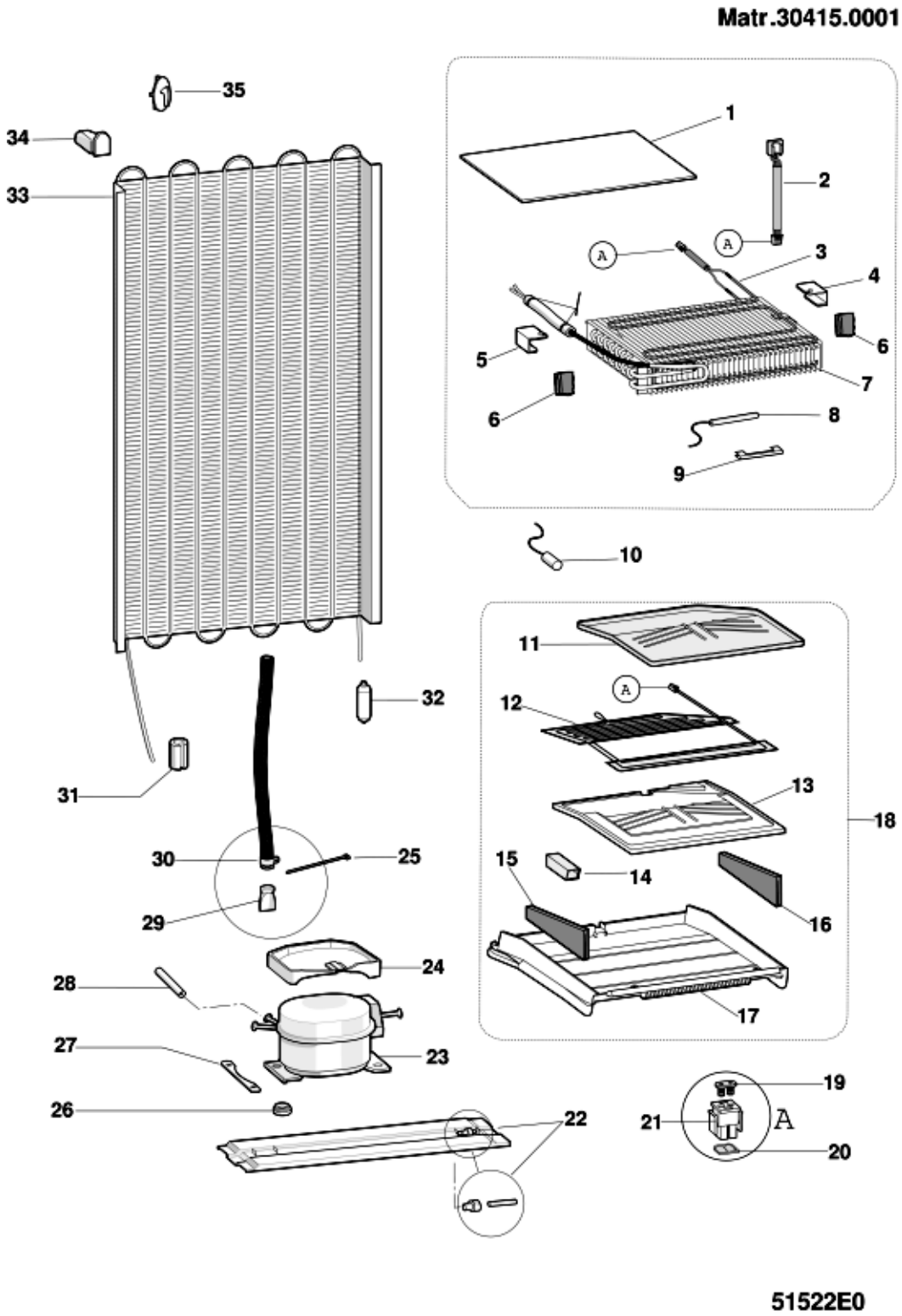
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

51522e0 Exploded views



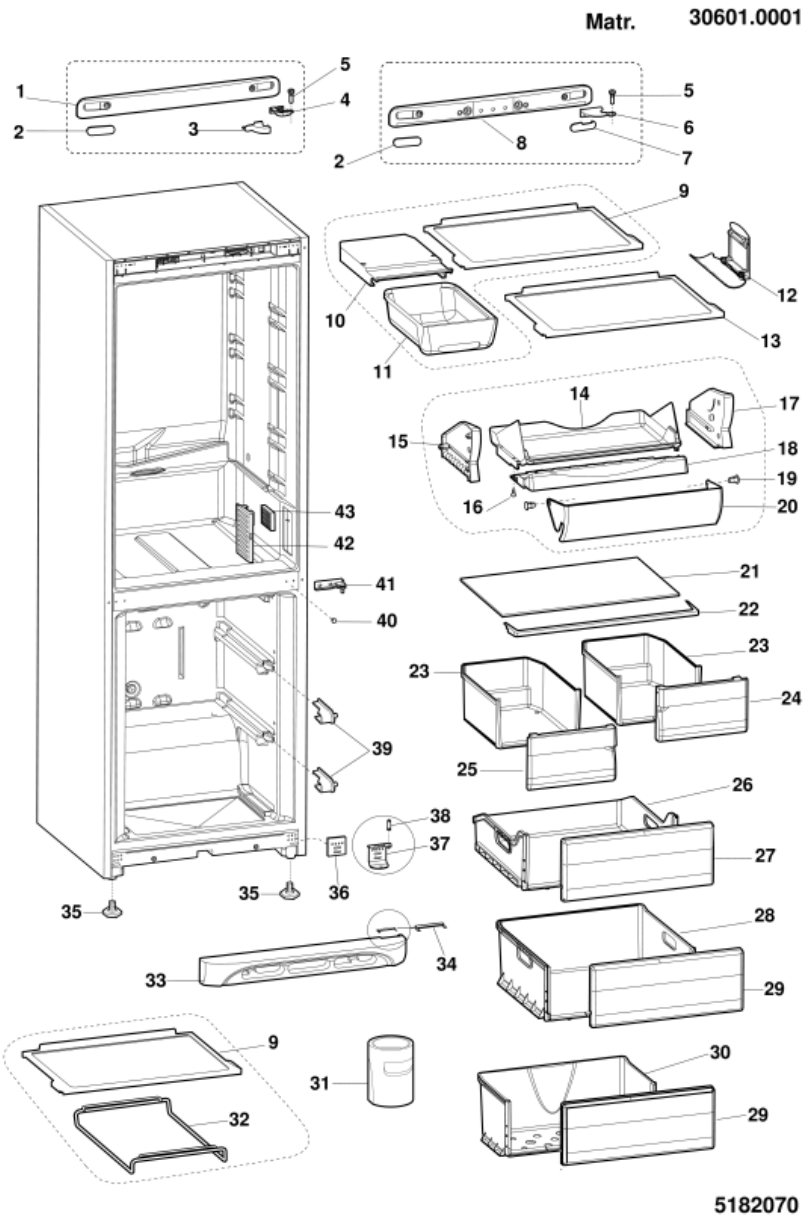
51522e0 Spare parts list

| 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 | n1030069 | |
| 014 | C00094472 | | | 1 x C00145089 | defrost water raceway | | |
| 015 | C00094468 | | | | separator sponge seal lh | n1030068 | |
| 016 | C00094467 | | | | separator sponge seal rh (250x26) | n1030068 | |
| 018 | C00094485 | | | 1 x C00097661 | set shell freezer separator no frost | n1030069 | |
| 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- | | 93294650001 |
| | | | | 1 x C00099146 | | | 93294650101 |
| | | | | | | | 93294650201 |
| 023 | C00099146 | | | 1 x C00144759 | compres. danf. nle13kk3 220- | | 93294650202 |
| | | | | | | | 93294650302 |
| | | | | | | | 93294650402 |
| 024 | C00054788 | | | | defrost water tray - (plastic) | | 93294650202 |
| | | | | | | | 93294650302 |
| | | | | | | | 93294650402 |
| 024 | C00094407 | | | | defrost water tray zanussi (nf) | | 93294650001 |
| | | | | | | | 93294650101 |
| | | | | | | | 93294650201 |
| 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 | | |

51522e0 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 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 | | |

5182070 Exploded views



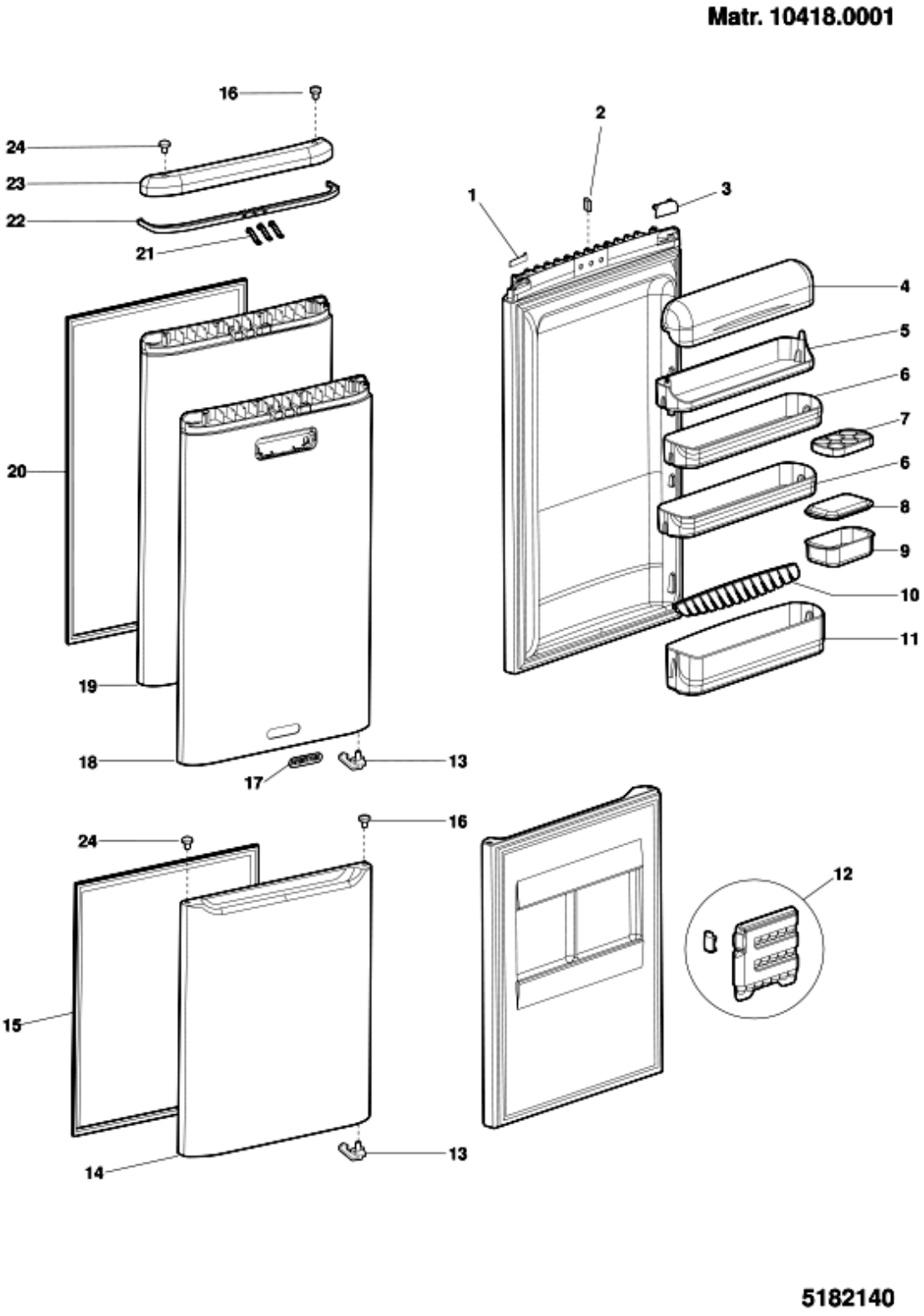
5182070 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 000 | C00095305 | | | | instruction booklet mb40d2nfe (it) | | |
| 000 | C00095312 | | | | quick reference display it | | |
| 000 | C00095313 | | | | quick reference display uk | | |
| 001 | C00082012 | | | | control panel-top cover 596x55 | | |
| 002 | C00082004 | | | | blanking plug (74x20) - | | |
| 003 | C00082013 | | | 1 x C00097861 | cover plate (upper-hinge) | n1030063 | 93294650001 |
| | | | | | | | 93294650101 |
| 003 | C00097861 | | | | cover plate (upper-hinge) rh/lh | | 93294650201 |
| | | | | | | | 93294650202 |
| | | | | | | | 93294650302 |
| | | | | | | | 93294650402 |
| 004 | C00081644 | | | | upper hinge lh-rh | | 93294650201 |
| | | | | | | | 93294650202 |
| | | | | | | | 93294650302 |
| | | | | | | | 93294650402 |
| 004 | C00081846 | | | 1 x C00081644 | upper hinge (m8) rh white | n1030063 | 93294650001 |
| | | | | | | | 93294650101 |
| 004 | C00081847 | | | | upper hinge (m8) lh white | | 93294650001 |
| | | | | | | | 93294650101 |
| 005 | C00075565 | | | | hinge pin - m8x3 (18+2,5) | | 93294650201 |
| | | | | | | | 93294650202 |
| | | | | | | | 93294650302 |
| | | | | | | | 93294650402 |
| 005 | C00087655 | | | | hinge pin - m8x5 (h=20+11,5) | n1030063 | 93294650001 |
| | | | | | | | 93294650101 |
| 009 | C00081929 | | | 1 x C00110173 | glass shelf (529x14x350-runner | | |
| 012 | C00081984 | | | | bottle rack side mounting | | |
| 013 | C00081930 | | | 1 x C00110174 | glass shelf (529x350x14) - dots | | |
| 014 | C00095760 | | | | chiller tray (wxd) 474x304 white | | |
| 015 | C00081979 | | | | chiller flap support (255x162x26) | | |
| 016 | C00081983 | | | | screw 4x8,5 inox 304 | | |
| 017 | C00081978 | | | | chiller flap support (255x162x26) | | |
| 018 | C00081981 | | | | chiller handle (wxhxd) | | |
| 019 | C00081982 | | | | bolt chiller flap (d.8x11) white | | |
| 020 | C00081977 | | | | chiller flap door - cristal | | |

5182070 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 021 | C00081956 | | | 1 x C00082084 | crisper cover (499x342x4 2x45ø | | |
| 022 | C00081960 | | | | trim - glass crisper cover | | |
| 023 | C00075590 | | | 2 x C00096115 | crisper box (wxhxd | | |
| 024 | C00095707 | | | | panel rh crisper box wxh 247x157 | | |
| 025 | C00095708 | | | | panel lh crisper box wxh 247x157 | | |
| 026 | C00094442 | | | | upper drawer -(wxd 444x398) - | | |
| 027 | C00081970 | | | 1 x C00076116 | top drawer front 440x197 | | |
| 028 | C00075593 | | | | middle & top drawer | | |
| 029 | C00081969 | | | 1 x C00076116 | panel drawer - wxh 440x197 | | |
| 030 | C00075594 | | | | lower drawer (440x242x160) | | |
| 031 | C00081912 | | | 1 x C00280400 | winechill ergobucket | | |
| 032 | C00095715 | | | | vacuum wire shelf - whte(deptxh | | |
| 033 | C00082006 | | | 1 x C00083766 | front base | | |
| 034 | C00095769 | | | | aluminium-met base cap | | |
| 035 | C00053419 | | | | adjustable foot | | |
| 036 | C00075566 | | | | lower hinge fixing plate (30x40) 6 | | |
| 037 | C00076614 | | | | lower hinge assy(m6) rh-lh - | | |
| 038 | C00017658 | | | | hinge pin m6x13,5 | | |
| 039 | C00075596 | | | | plastic evaporator fixing right | | |
| 039 | C00075597 | | | | plastic evaporator fixing left hand | | |
| 040 | C00007749 | | | | hole cover grey d,4,5x3 mm | | |
| 041 | C00053838 | | | | central hinge - chrome | | |
| 042 | C00094429 | | | 1 x C00116362 | cover air return rh white | | |
| 043 | C00094837 | | 40523... | | filter fridge 445x445x10 mm | | |

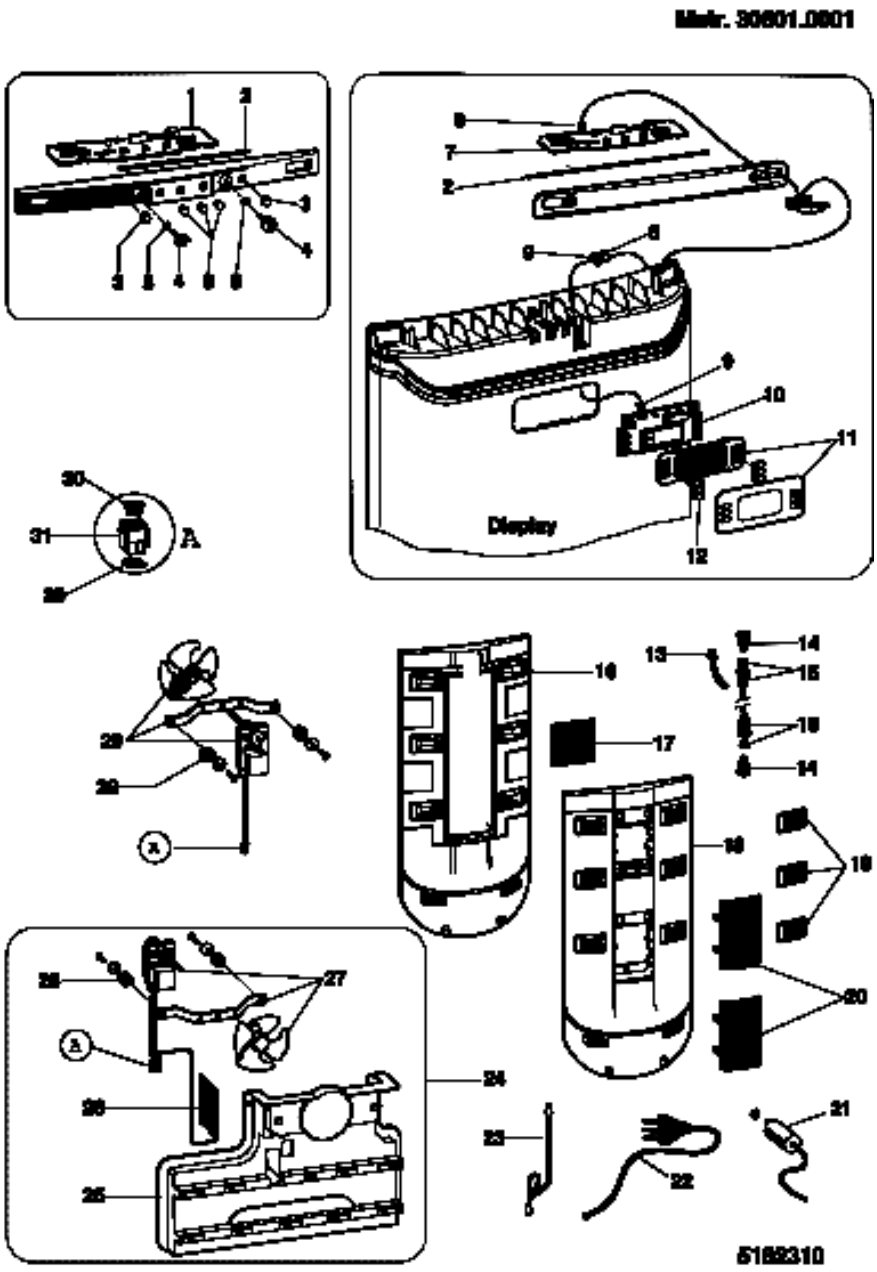
5182140 Exploded views



5182140 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 | C00081942 | | | | egg compartment | | |
| 005 | C00081948 | | | | egg shelf (486x58x106mm) | | |
| 006 | C00081941 | | | | central shelf (486x58x109mm) | | |
| 007 | C00081953 | | | | eggs tray (6) (152x95x20) cristal | | |
| 008 | C00081938 | | | 1 x C00094298 | butter box lid (180x97) blue | | |
| 009 | C00081940 | | | 1 x C00094298 | butter box (152x50x98) blue | | |
| 010 | C00081955 | | | 1 x C00114685 | shelf trim rail (423x39) white | | |
| 011 | C00081943 | | | 1 x C00857255 | bottle shelf 486x104x121 white | | |
| 012 | C00081998 | | | | ice cubes conteiner (ariston-01) | | |
| 013 | C00046085 | | | | door closure aid rh - grey | | |
| 013 | C00046108 | | | | door closure aid lh - grey | | |
| 014 | C00081999 | | | | freezer door assy 592x713x81 | n1030059 | |
| 015 | C00075531 | | | 1 x C00115566 | freezer door gasket (554x682) | | |
| 016 | C00014155 | | | | grey door bush 3 mm'salvagnini' | | |
| 017 | C00082003 | | | | logo arst ariston 101x24x1,5 | | |
| 018 | C00081989 | | | | fr dr 592x1135x100 - inox | | |
| 020 | C00076126 | | | 1 x C00115396 | freezer door gasket (554x1051) | | |
| 022 | C00082844 | | | | insert strip (top door fascia) - | | |
| 023 | C00082978 | | | 1 x C00140844 | control panel-top cover 592x45 | | |
| 024 | C00082000 | | | | blanking plug (h.14 | | |

5182310 Exploded views



5182310 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 002 | C00094202 | | | | sponge(350x8x8) | | |
| 007 | C00095711 | | | | fiche micropr.4087/(yellow | n1030060<br>n1030068<br>n1030075<br>n1030082 | |
| 008 | C00081844 | | | | wiring control panel-top | n1030063 | 93294650001<br>93294650101 |
| 008 | C00097872 | | | | wiring control panel-top | | 93294650201<br>93294650202<br>93294650302<br>93294650402 |
| 009 | C00081845 | | | | wiring fridge-door (display) | | |
| 010 | C00095710 | | | | card display(fridge-door) | | |
| 011 | C00095714 | | | | set display (fridge-door) grey | | |
| 012 | C00095712 | | | 1 x C00115416 | button aluminium (display) | | |
| 013 | C00094688 | | | | fridge wiring-amp lamp bulb | | |
| 014 | C00060617 | | | | lamp bulb 10w (e14) | | |
| 015 | C00094952 | | | 1 x C00066295<br>1 x C00094681 | lamp-socket (vossloh) 250v e14 | | |
| 017 | C00094669 | | | | light deflection folio (80x100x0,1) | | |
| 018 | C00094737 | | | 1 x C00111030 | multi-flow cover l70 arst(kit) | n1030068<br>n1030079 | |
| 018 | C00111030 | | | 1 x C00117071 | multi-flow cover l70 arst(kit) | | |
| 019 | C00095709 | | | | remote control masks multiflow | | |
| 020 | C00174888 | | | | lamp cover-fridge | | |
| 021 | C00090222 | | | 1 x C00144815 | capacitor 4mf (ducati) | | |
| 022 | C00008598 | | | | mains supply cable 3x0,75 | | |
| 024 | C00094490 | | | | set air conveyor nofrost-60 | n1030067<br>n1030068 | |
| 026 | C00095014 | | | | set fan-motor/defrost heater kit | | |
| 028 | C00046806 | | | | rubber anti shock bush - fan motor | | |
| 029 | C00094660 | | | 1 x C00095800 | fan-motor f6410 220v 3,5w(amp- | | |

# Notices

## n1025099: Doors / weather stripping combined fridges / freezers Aristin/2001 Melano

---

On all the combined fridge and freezer models in the Ariston (range 2001), width 600 mm produced in Italy (Melano), 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).

## n1030050: New superior pivot hinge Ariston combined with Display

---

From the month of February 2002 (reg. No. 20207.0001) the Melano production has modified, on the electronic Ariston-2001 combinations with the display, the pivot of the hinge because the latter interfered with the wiring, which is lodged in the superior hinge, causing the breakage of the internal filament. Consequently, when it is necessary to substitute the wiring (081844) on the pre-modified models it will be also be necessary to change the pivot of the superior hinge with the new (see figure NT007500). When reassembling the wiring (081844) pay attention that it does not get trodden by the hinge and that it will be positioned around the pivot leaving it soft and not rigid (see figure NT007600).

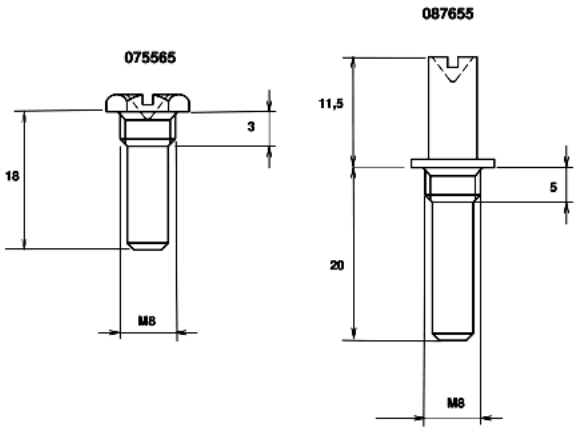
New particulars

087655 - SUPERIOR PIVOT HINGE M8X5 (H=20+11,5)

Particulars substituted

075565 - SUPERIOR PIVOT HINGE M8X3 (18+2,5)

NT007500




NT007600



## n1030059: Modification of freezer doors on Ariston Opera-60 combined fridge-freezers (cond

---

In March 2003 the Melano factory started using freezer doors with modified handle on the Ariston Opera-60 combined fridge-freezers (models MB-MBA-MBAA), in order to eliminate the problem of condensation.
The grip width has been reduced (from 28.5 to 22.7 mm) on these doors, as indicated by the dimension (A) in the figure (N1030059FIG1).
These freezer doors are already available as replacements and a coloured label on the packing distinguishes them from the previous ones. This will be done until stocks of premodification doors run out.
The codes of the freezer doors have not been changed:

Models (MBAA3811)
C00089881 - FREEZER DOOR-ROUNDED /NEW WHITE 592x713x81

Models (MBA3332-MBA3832-MBA3842-MBA4042 / MB3822-MB4022)
C00081999 - FREEZER DOOR- ROUNDED/NEW S/STEEL 592x713x81

Models (MBA3833- MBA4033)
C00083757 - FREEZER DOOR- ROUNDED/NEW SILVER 592x713x81

Models (MBA3835- MB4035)
C00084420 - FREEZER DOOR- ROUNDED/NEW 1003-YELLOW 592x713x81

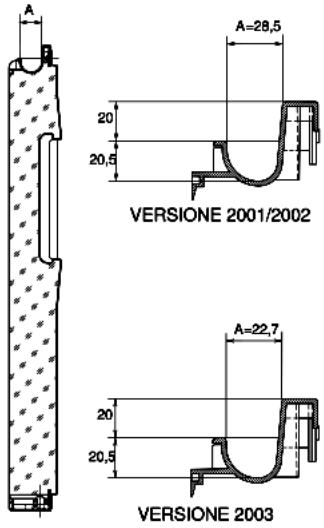
Models (MBA3835- MBA4035)
C00084430 - FREEZER DOOR- ROUNDED/NEW BLUE 592x713x81 (MBA3835-4035)

Models (MBA3311-MBA3331-MBA3811-MBA3821-MBA3831-MBA3818-MBA3841) (MBA3841-MBA4021-MBA4031-MBA4041) (MB3321-MB3811-MB3821)

C00081997 - FREEZER DOOR- ROUNDED/NEW WHITE 592x713x81

In April / May 2003, production standardised the use of the inner door on all these doors, increasing the insulation efficiency by approx. 3%.
The door C00089881 offers approx. 10% more insulation than the door C00081997.

NB: The modified handle is also used on Ariston Opera-60 refrigerator doors (MT-MTB).




## n1030060: Self-test for initialising the new electronic power cards

---

On Ariston-Opera-60/70 and Indesit 2000 range electronic models, including 2000 range built-in fridge-freezers, it is very important to do the self-test whenever the power card is replaced.
This must be done to check correct operation of the card and to correctly initialise the algorithms.

If the SELF-TEST is not carried out on Partial no-frost and Total no-frost (double door or free standing/built-in fridge-freezers) models, the first defrost cycle will not be executed correctly; it will be carried out only 30 days after card replacement.

The list of relevant Sat codes with information sheet for the self-test is attached to this note.

089830 = (143691 rohs)CARD 4084-02/GREEN 70-nf vfd/fip
089831 = (143683 rohs) CARD 4085-02/pink (L70NF 2 digits)
095779 = (143693 rohs)CARD (MAGNETEK 4087/GREEN) 220-240/50
094383 - CARD (MAGNETEK 4088/ORANGE) 220-240/50

095711 - CARD PANEL.4087/YELLOW DISPLAY VERS.
089759 - CARD (MAGNETEK 4083/PINK) 220-240/50
096661 = (143689 rohs) CARD PANEL. 4068/PURPLE (L70NF ARS/IND.)
098024 = (143091 rohs) CARD (MAGNETEK 4083/PINK) 220-240/50 REPLACED

## n1030063: Upper hinge modified on Ariston Opera-60 fridge-freezers with Display

---

In October 2003 (serial no. 31028.0001) the Melano factory replaced the upper plastic hinge assembly on the Opera-60 fridge-freezers with display, in order to improve the fridge door support and prevent the cable connecting the two cards (power and display) from being damaged.
The new assembly provides for use of the upper hinge, chromed, with relative pin, and modified hinge cover (see fig.1-2).
The hinge assembly is reversible by rotating the single parts 180° and then refitting the pin (see fig.3).
Another two other tape reference marks (now three) have been placed on the card connection cable for correct installation on the panel base and fridge door in order to have the right flexibility during rotation. When the door is open the cable must never be strained.
The reference marks on the cable refer to right hand opening (see fig.4):
-Reference mark (A) indicates which end must be connected to the panel power card.
-Reference mark (B) must be fitted in the seat obtained on the panel base (see fig.5).
-Reference mark (C) must be fitted in the seat obtained on the right side of the door, in the hinge area (see fig.6).

If the door opens on the left, these reference marks on the cable must be modified as shown in fig.7.
(A) has not been changed, whereas (B) has become 120 mm and (C) 380 mm. Colours other than black can be used so as not to confuse them.
Also, reference mark (B) must be fitted in the seat obtained on the panel (see fig.8), whereas the (C) must be fixed in the second tab from the left (see fig.9).
In the left-hand opening version, when tightening the fixing screw make sure the cable is not crushed by the panel. To avoid this, the cable should be fixed with adhesive tape to the vertical and horizontal ribbing, so that it passes inside the groove, thus avoiding the hole (see fig.10).

On the right hand bottom part of the cabinet panel base (hinge area) there is a slot (4.5/4.8) to be used for correct positioning of the cable (see fig.11-12).
Even the first cable seat on the upper head of the fridge door (hinge area, right side) has been modified, from 6x10 mm to 4x20 mm. This prevents the cable from moving when the door is opened/closed (see fig.13).
The fridge doors for models with display, currently managed as replacements, do not have the modification shown in fig.13; in this case the width of the cable (reference area C) must be increased using more adhesive tape until it is blocked in the first support seat (6x10 mm).

On premodification models, the new hinge assembly can only be used if the panel base is modified (see fig.11-12). On the left side the 5 mm slot is already present; whereas, for the fridge door, the width of the cable must be increased on models with right-hand opening (reference area C) as described above.
If the door opens on the left, proceed as described above (fig.7- 8-9-10).

New parts

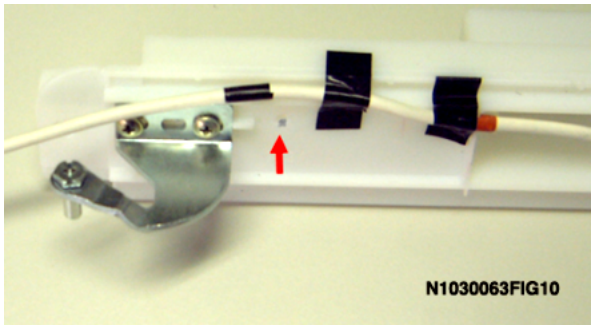
081644 - UPPER HINGE(M8) RH-LH CHROMED
075565 - UPPER HINGE PIN M8X3 (18+2.5)
097861 - UPPER HINGE COVER RH-LH ALUMINIUM
097862 - UPPER HINGE COVER RH-LH WHITE

097872 - PANEL/DISPLAY WIRING (3-MARKS)

Parts replaced

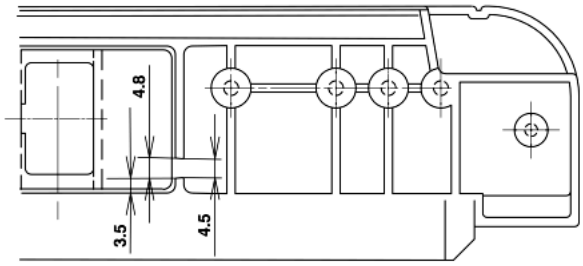
081846 - UPPER HINGE (M8) RH WHITE (WIRING)
081847 - UPPER HINGE (M8) LH WHITE (WIRING)
081844 - PANEL WIRING (DISPLAY) KIT
081848 - UPPER HINGE COVER WHITE
082013 - UPPER HINGE COVER ALUMINIUM-METAL



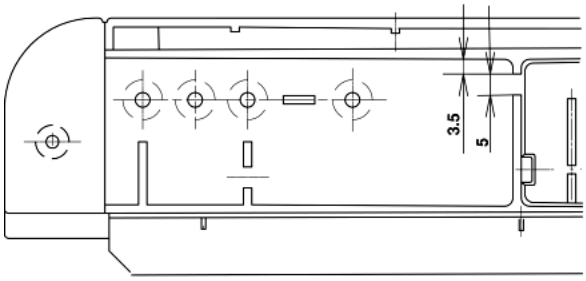





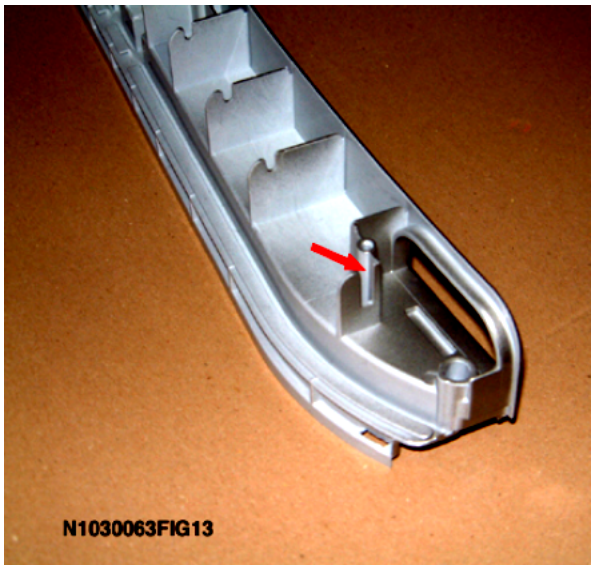

LATO DX / SIDE RH / COTE DROITE / SEITE RECHTS
LADO DERECHA / LATO DIREITO

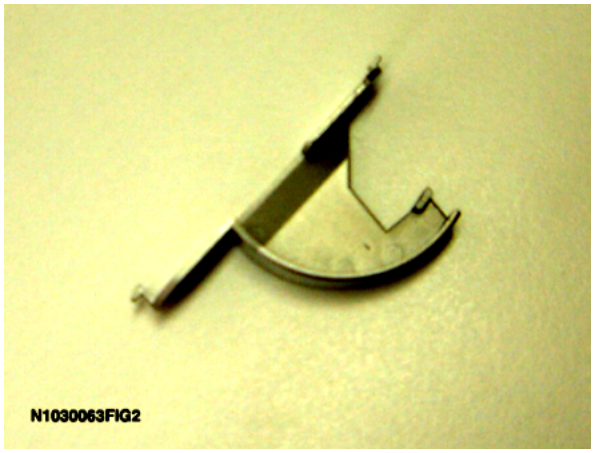


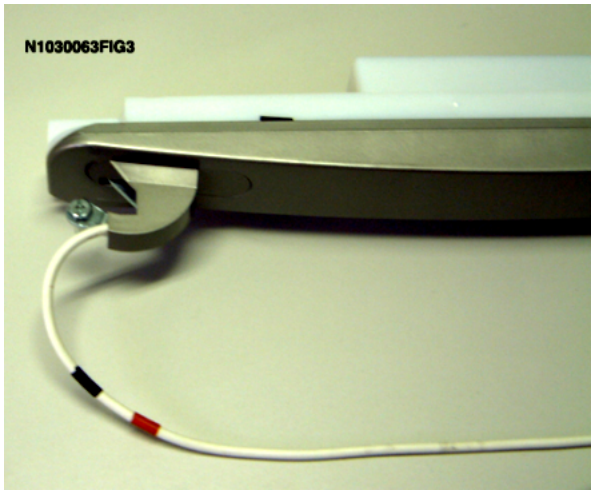

LATO SX / SIDE LH / COTE GAUCHE / SEITE LINKS
LADO IZQUIERDO / LATO ESQUERDA



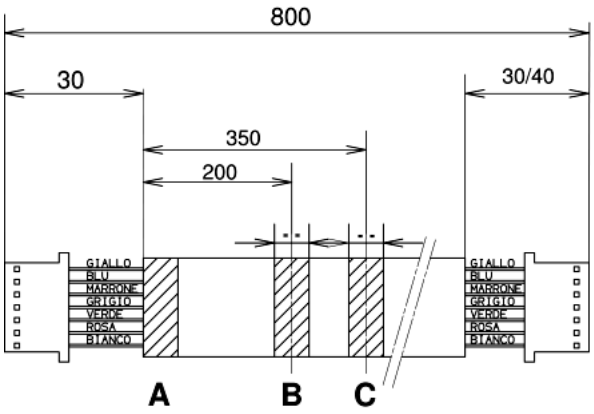

N1030063FIG12






N1030063FIG4



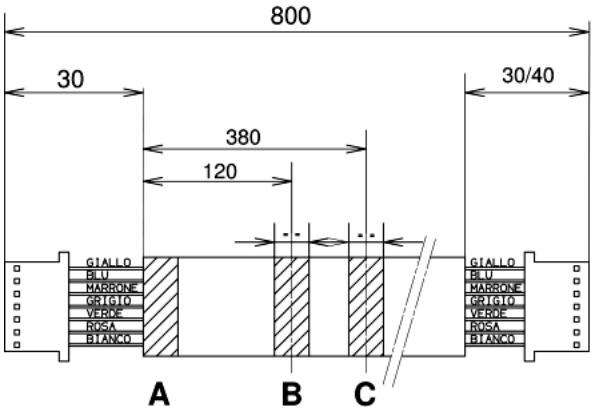

VERSIONE APERTURA DX
DOOR OPENING RH
OUVERTURE PORTE DROITE
TUEROEFFNER RECHTS
ABERTURA PUERTA DERECHA
VERSIONE APERTURA DIREITA

**097872**



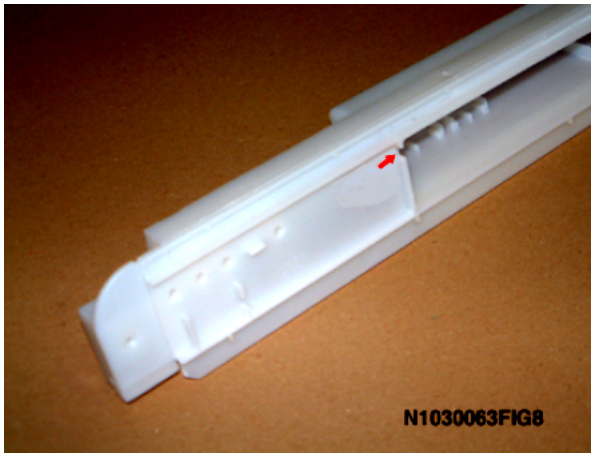



N1030063FIG7




VERSIONE APERTURA SX
DOOR OPENING LH
OUVERTURE PORTE GAUCHE
TUEROEFFNER LINKS
OBERTURA PUERTA IZQUIRDA
VERSIONE APERTURA ESQUERDO

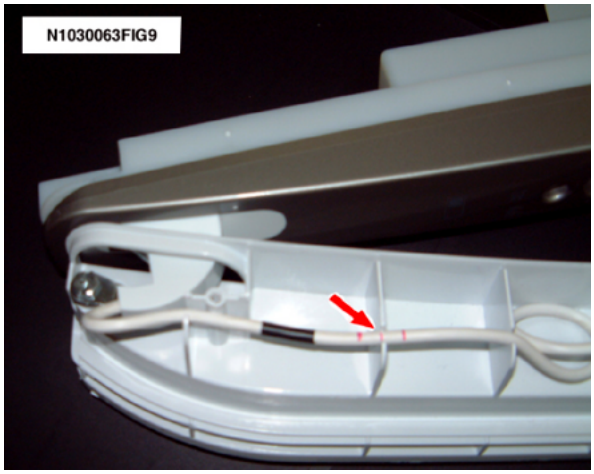
097872




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

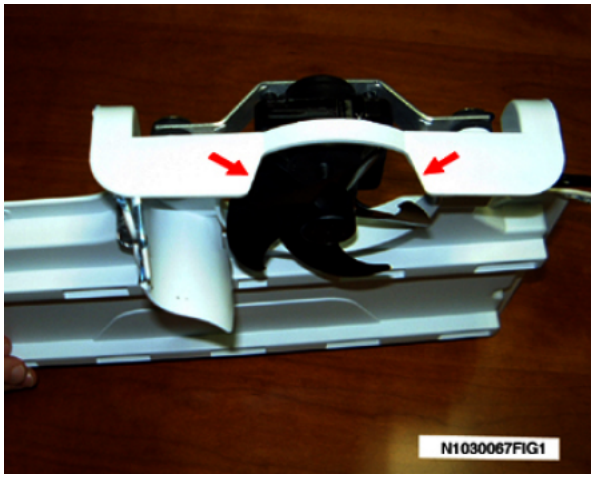
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On Ariston and Indesit Opera60 Total No Frost fridge-freezers produced before August 2003, the freezer fan may stop due to ice




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).

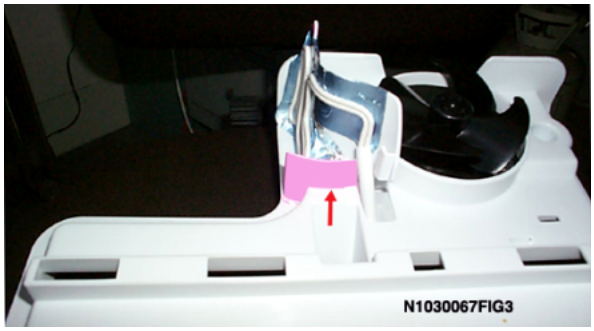






## n1030068: Low fridge compartment temperatures in Ariston and Indesit Opera-60 Total No Fro

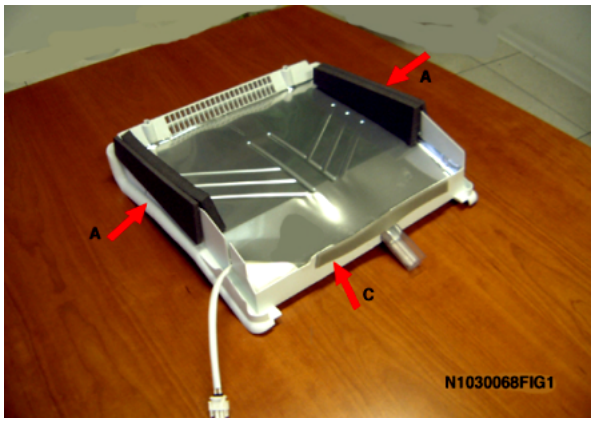
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In Ariston and Indesit Opera-60 Total No Frost fridge-freezers produced before June 2003, there may be a lowering of the fridge compartment temperature in the crisper area (with freezing of food) due to the backflow of cold air from the freezer.
This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

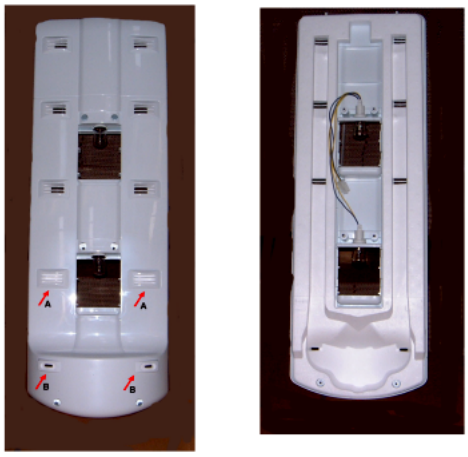
1) The "Super freezer-24 hours" power card software has been modified. The power cards managed as spare parts (095711 - 094383) were all replaced on 01/06/2003.
2) The lower vents on the multiflow have been closed from the inside (see fig.3/4-ref.A) and the outlet of those located in the curved area 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



KIT 094737 N1030068FIG4

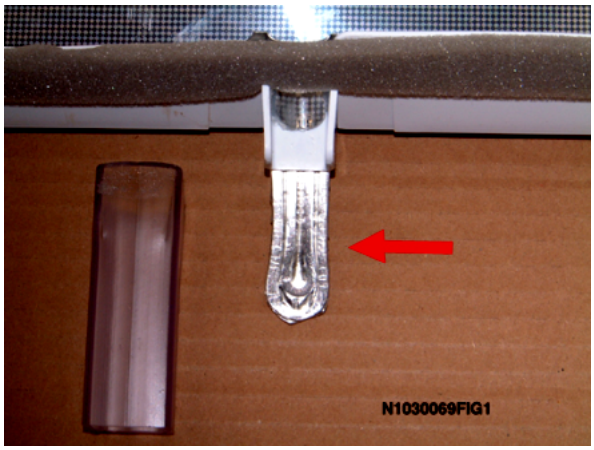
## n1030069: Freezer compartment drip hole obstructed on Opera60 Total No Frost fridge-freeze

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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.

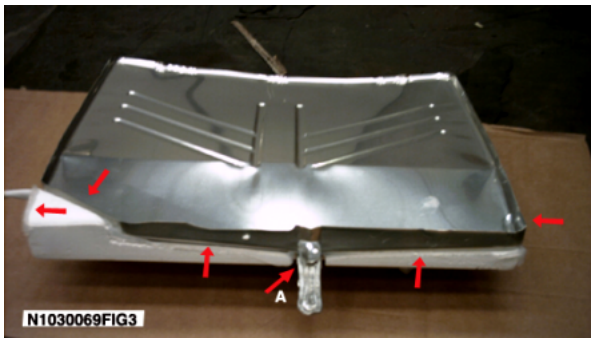
The problem has been solved by fitting a double filament resistance at the end part, which can be seen by removing the rubber protection. (see fig. 1). The resistance is glued to the drip (see fig. 2).
Freezer separator Sat code 094485, complete with modified resistance, is managed as a replacement to solve the problem on products in use.

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.









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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

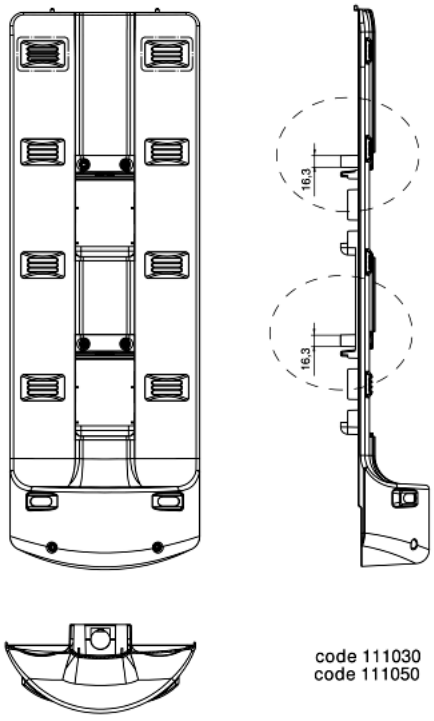
111030 - 4-way multiflow cover KIT (serial no. 40604.0001)

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

Parts replaced

094737 - 4-way multiflow cover KIT
094675 - 3-way multiflow cover KIT

N1030079FIG2




code 111030
code 111050

## n1030082: Power card alternative on full no frost and static 400 litre combined fridge

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Since July 2004, the Melano factory has been using new power cards on full no frost and static 400 litre combined fridge-freezers, as an alternative to the previous cards.

These cards are interchangeable, but have different codes (PN).

Given below are the modified codes:

Models MBA3841C- 3842C MBA4041C-4042C (IT-EU markets)
081843 - 16200044419 = Magnetek 4080.02/Grey (first version)
081843 - 16200099900 = Magnetek 4302.02/Grey (second version)

Models MBA40D2NF/NFE (IT-EU markets)
095711 - 16200069505 = Magnetek 4087.02/Yellow (first version)
095711 - 16200100000 = Magnetek 4304.02/Yellow (second version)

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

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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

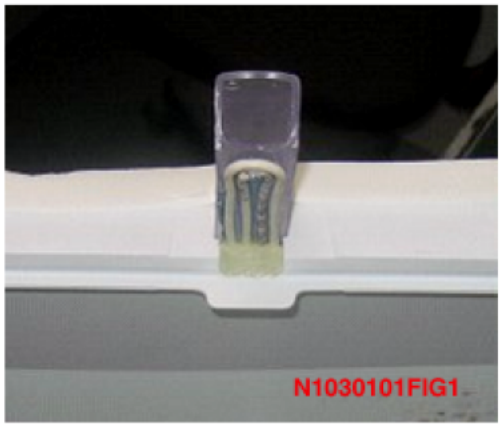
113845 - NOFROST FREEZER EVAPORATOR ASSEMBLY R600/R134a

Parts replaced

094667 - NOFROST FREEZER EVAPORATOR ASSEMBLY R600/R134a

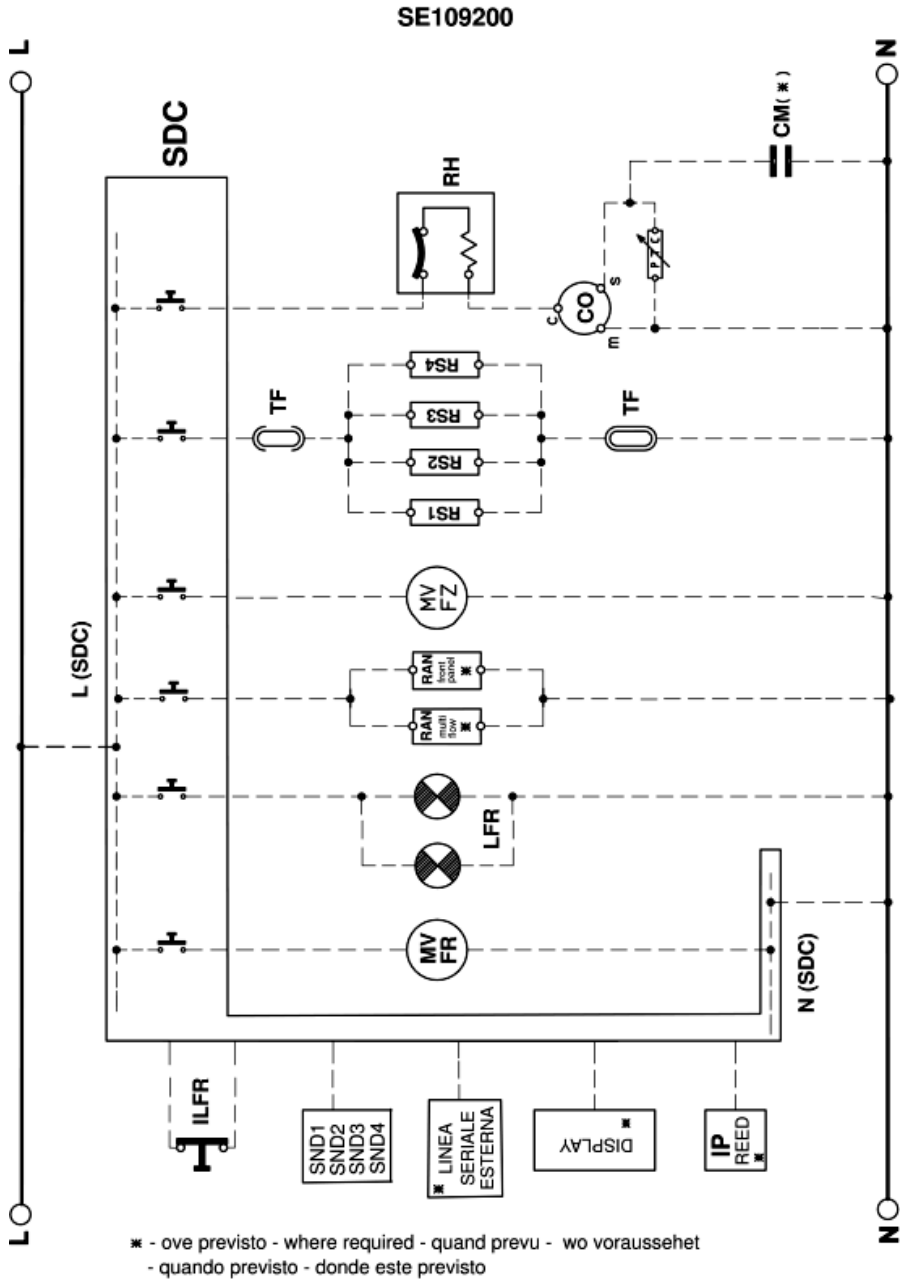
## n1030101:

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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 |