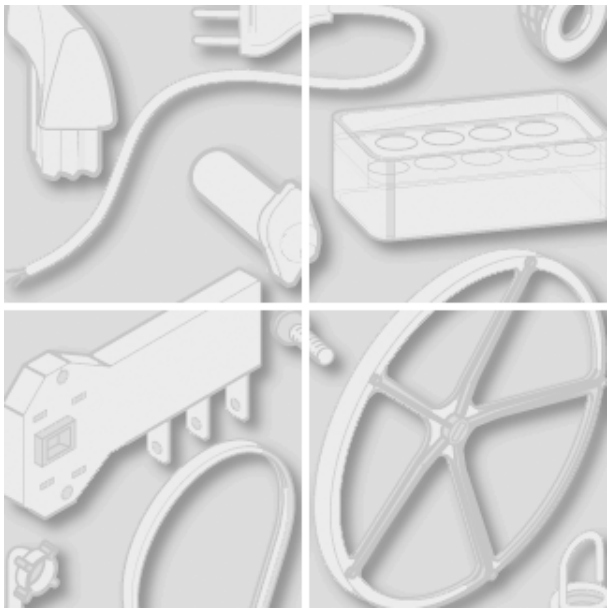
INDESIT company



Model type:
MB4033NFIT

Commercial code:
F029467

General notes

Technical Documentation guidelines

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:

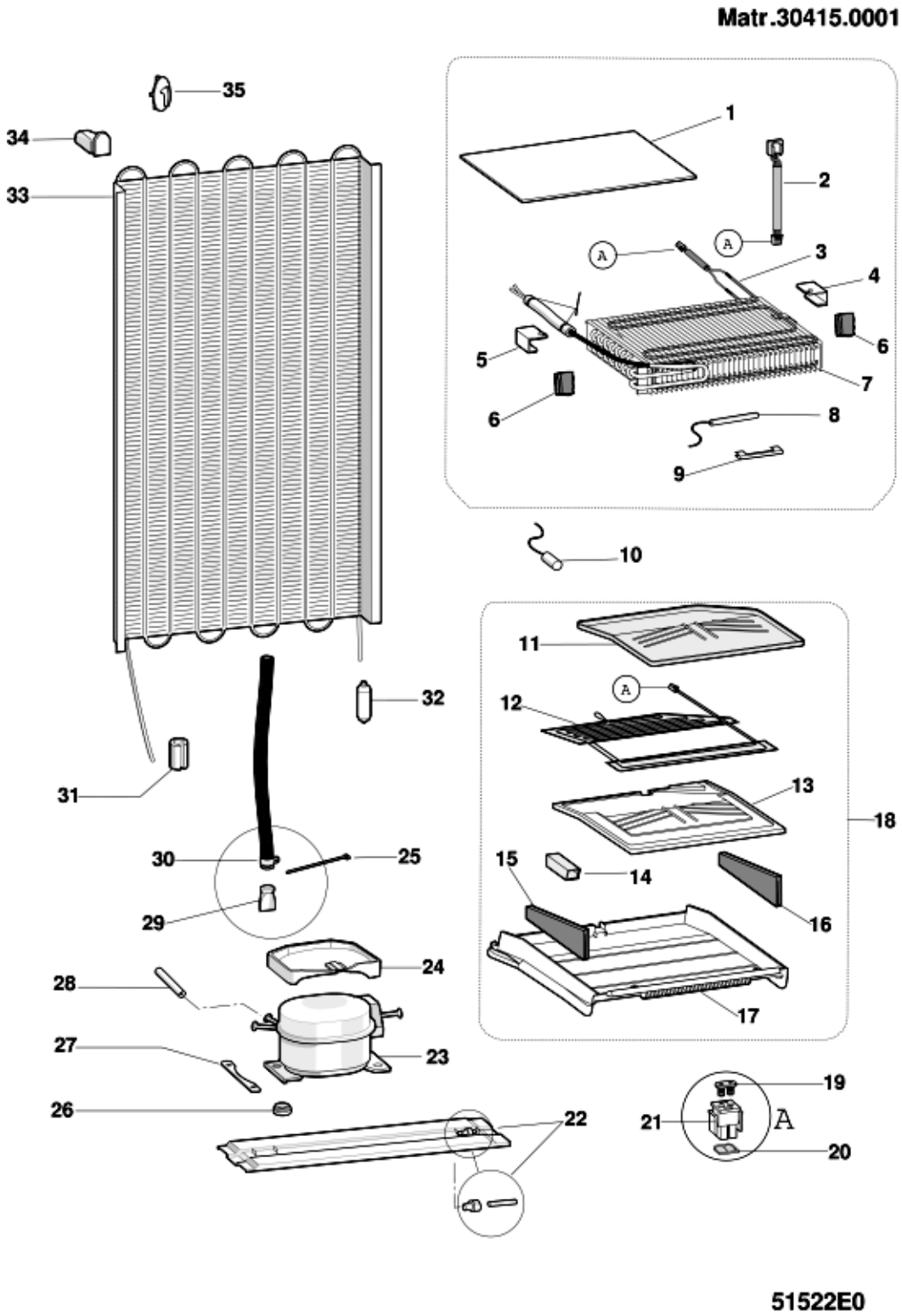
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

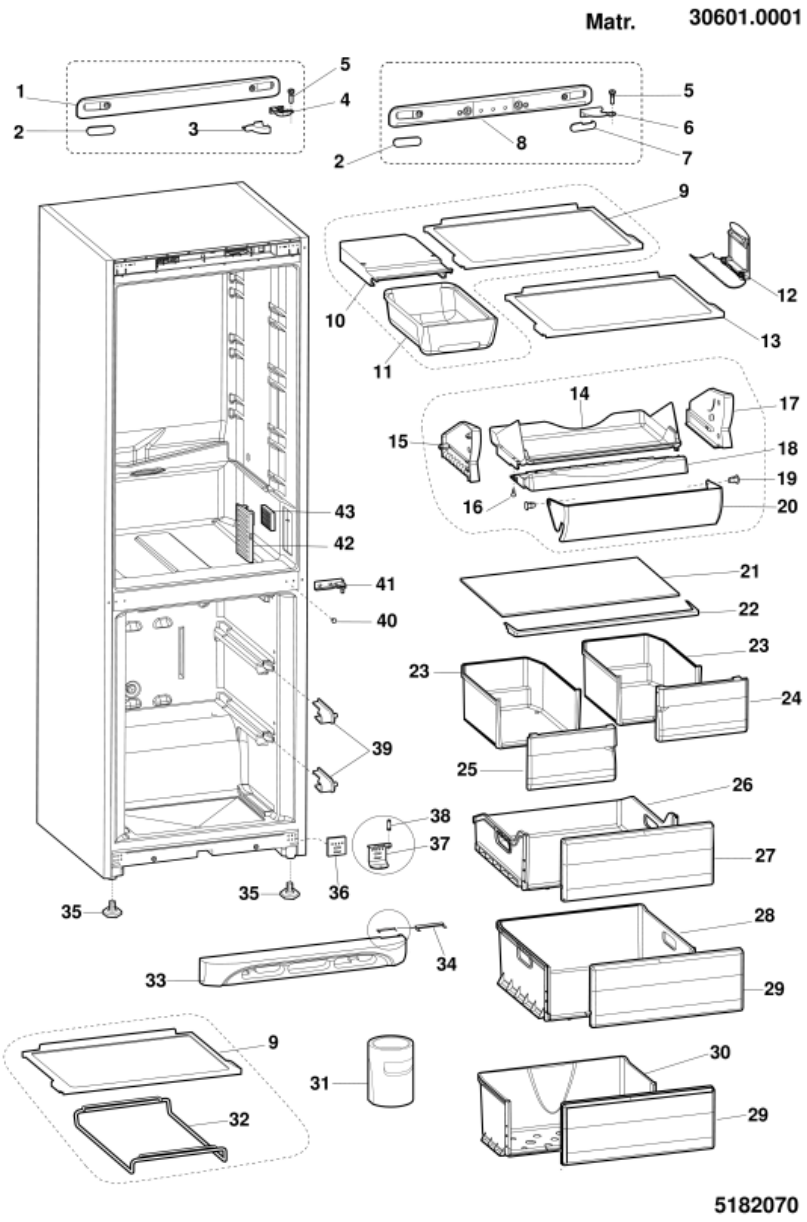
51522e0 Exploded views



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-		93294670000
				1 x C00099146			
023	C00099146			1 x C00144759	compres. danf. nle13kk3 220-		93294670001
024	C00054788				defrost water tray - (plastic)		93294670001
024	C00094407				defrost water tray zanussi (nf)		93294670000
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		

5182070 Exploded views



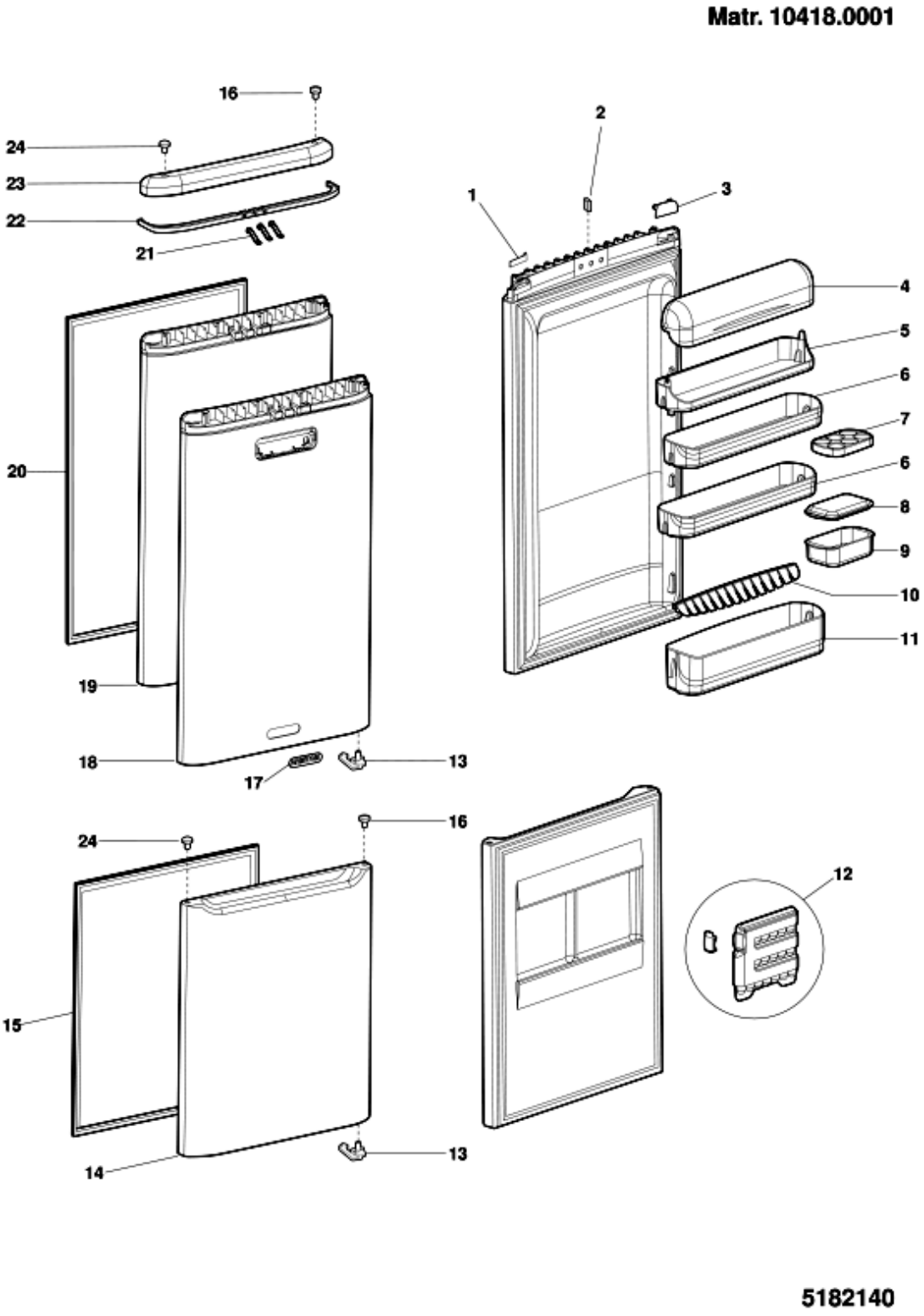
5182070 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00095851				instruction booklet mb4031nf-		
002	C00083763				blanking plug (74x20) - silver		
005	C00075565				hinge pin - m8x3 (18+2,5)		
006	C00081644				upper hinge lh-rh		
007	C00083764				hinge surround (74x20) - silver		
008	C00096126				control panel-top cover 596x54		
009	C00081929			1 x C00110173	glass shelf (529x14x350-runner		
010	C00081962			1 x C00140694	sliding meat box		
011	C00081963				meat box drawer (215x350x92) -		
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		
021	C00081956			1 x C00082084	crisper cover (499x342x4 2x45ø		93294670000
021	C00094691				crisper cover (499x334x4 2x450)		93294670001
022	C00081960				trim - glass crisper cover		
023	C00075590			2 x C00096115	crisper box (wxhxd		
024	C00095707				panel rh crisper box wxh 247x157		93294670000
024	C00109701				panel rh crisper box wxh 247x157		93294670001
025	C00095708				panel lh crisper box wxh 247x157		93294670000
025	C00109702				panel lh crisper box wxh 247x157		93294670001
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)		
033	C00083766				front base		
035	C00053419				adjustable foot		
036	C00075566				lower hinge fixing plate (30x40) 6		
037	C00076614				lower hinge assy(m6) rh-lh -		

5182070 Spare parts list

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

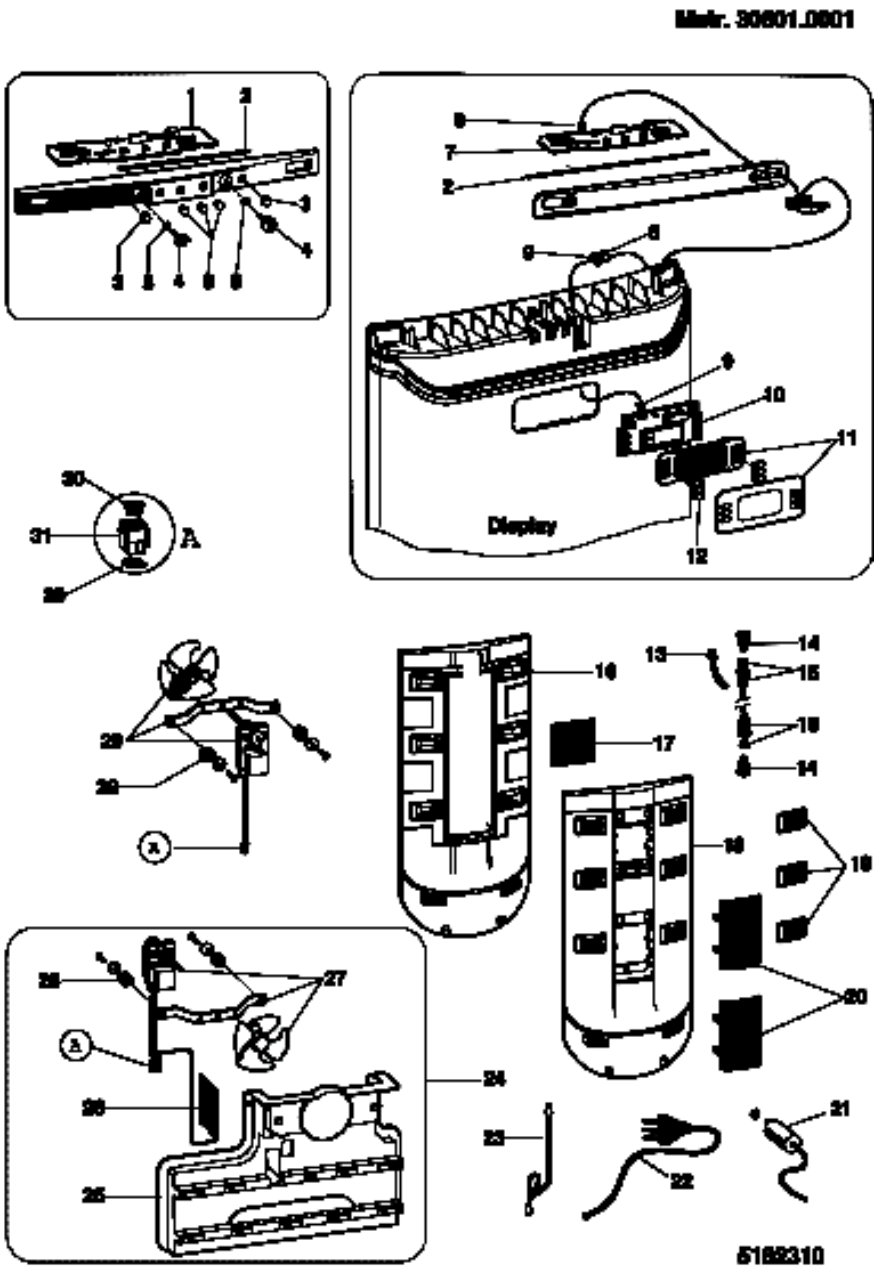
5182140 Exploded views



5182140 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00083759				hinge surround rh 67x13 -silver		
002	C00075612				magnetic switch (door stop)		
003	C00083760				hinge surround lh 66x27 -silver		
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	C00082894				lh door stop bush - grey		
013	C00082899				rh door stop bush - grey		
014	C00083757				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		
017	C00095852				logo no frost 75x40		
019	C00083758				fridge door 592x1135x100 -		
020	C00076126			1 x C00115396	freezer door gasket (554x1051)		
021	C00083362				indicator light - colour neutral		
022	C00082977			1 x C00082099	insert strip (top door fascia) -		
023	C00083771				control panel-top cover 592x45		
024	C00083756				blanking plug (h.14 d.13,8/9,5) -		

5182310 Exploded views



5182310 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00094383				card micropr	n1030060	
						n1030068	
						n1030075	
002	C00094202				sponge(350x8x8)		
003	C00085285				buttons cover grey-446 (h=5,5		
004	C00083769				trimmer knob silver (c238)	n1030066	
005	C00064775				gasket oring dia=11/8 mm		
006	C00059921			1 x C00132028	lens (indicator light)		
013	C00094688				fridge wiring-amp lamp bulb		
014	C00060617				lamp bulb 10w (e14)		
015	C00094952			1 x C00066295	lamp-socket (vossloh) 250v e14		
				1 x C00094681			
017	C00094669				light deflection folio (80x100x0,1)		
018	C00094737			1 x C00111030	multi-flow cover l70 arst(kit)	n1030068	
						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	
						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

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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).

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

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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)

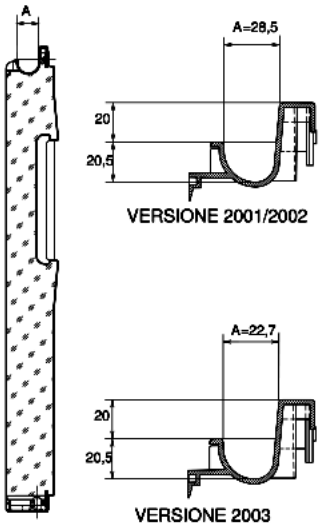
C00084430 - FREEZER DOOR- ROUNDED/NEW BLUE 592x713x81 (MBA3835-4035)

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

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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.

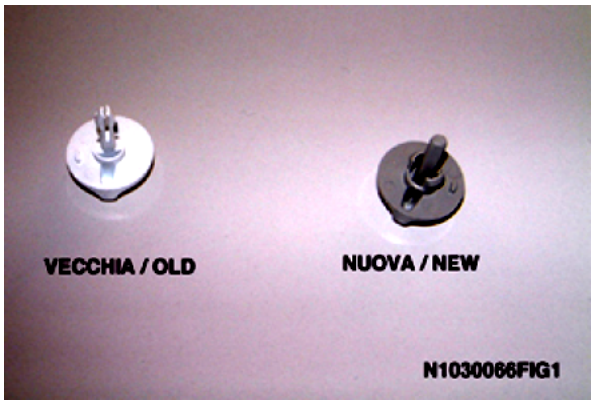
089830 = (143691 rohs)CARD 4084-02/GREEN 70-nf vfd/fip
089831 = (143683 rohs) CARD 4085-02/pink (L70NF 2 digits)
095779 = (143693 rohs)CARD (MAGNETEK 4087/GREEN) 220-240/50
094383 - CARD (MAGNETEK 4088/ORANGE) 220-240/50
095711 - CARD PANEL.4087/YELLOW DISPLAY VERS.
089759 - CARD (MAGNETEK 4083/PINK) 220-240/50
096661 = (143689 rohs) CARD PANEL. 4068/PURPLE (L70NF ARS/IND.)
098024 = (143091 rohs) CARD (MAGNETEK 4083/PINK) 220-240/50 REPLACED

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

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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
075608 - TRIMMER KNOB WHITE replaced with 175020



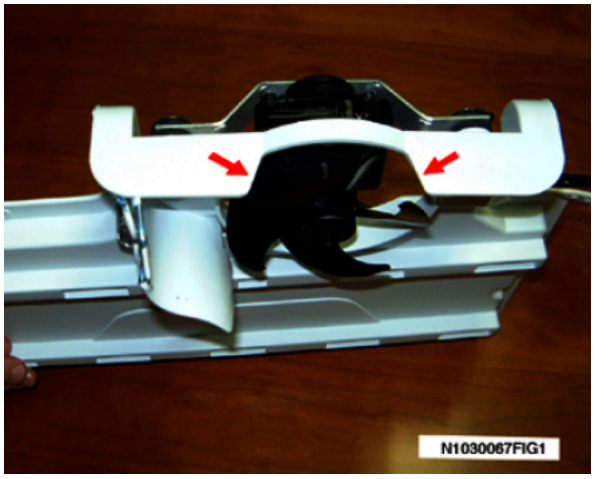


n1030067: Noisy freezer compartment fan in Ariston and Indesit Opera-60 total no-frost fri

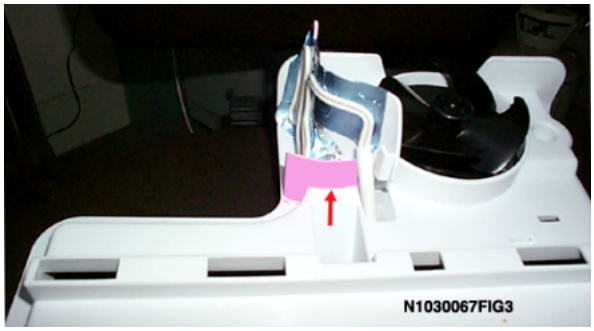
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On Ariston and Indesit Opera60 Total No Frost fridge-freezers produced before August 2003, the freezer fan may stop due to ice build-up (stalactites), activating the alarm.
The problem has been solved by emptying the conveyor (chamber separator) in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







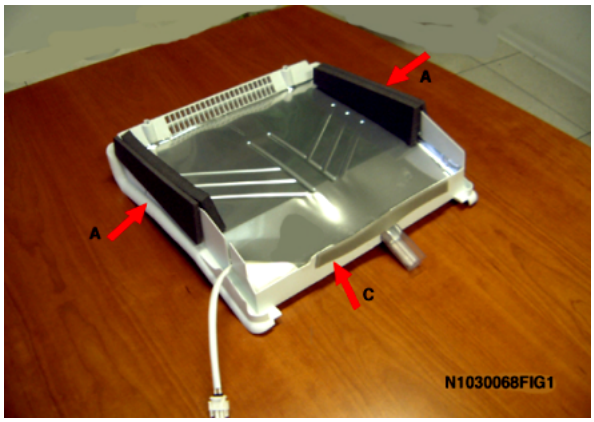
n1030068: Low fridge compartment temperatures in Ariston and Indesit Opera-60 Total No Fro

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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:

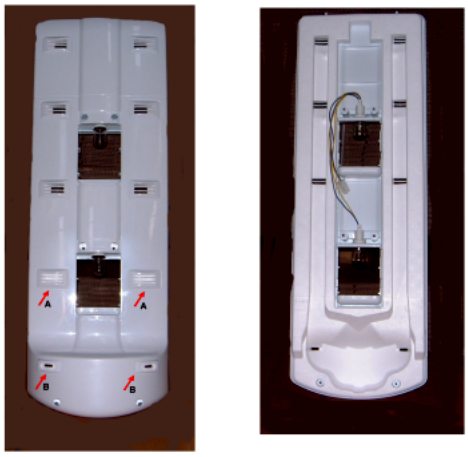
1) The "Super freezer-24 hours" power card software has been modified. The power cards managed as spare parts (095711 - 094383) were all replaced on 01/06/2003.
2) The lower vents on the multiflow have been closed from the inside (see fig.3/4-ref.A) and the outlet of those located in the curved area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

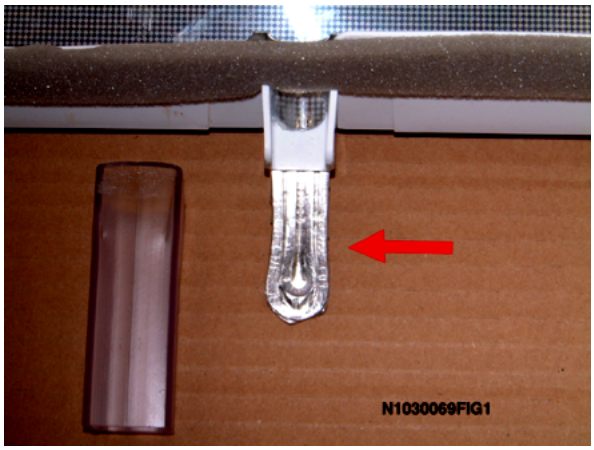
n1030069: Freezer compartment drip hole obstructed on Opera60 Total No Frost fridge-freeze

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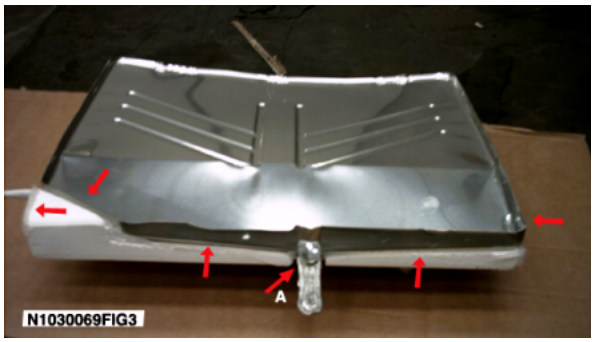
On Ariston and Indesit Opera60 Total No Frost fridge- freezers produced before June 2003, the freezer separator drip hole may be obstructed due to ice build-up.

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.







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

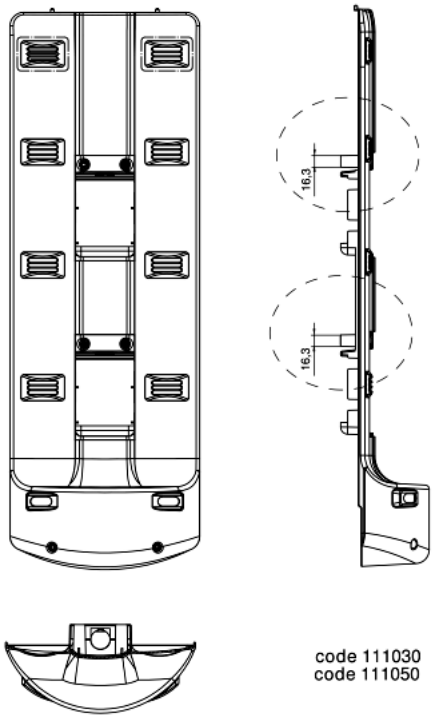
111030 - 4-way multiflow cover KIT (serial no. 40604.0001)

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

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).

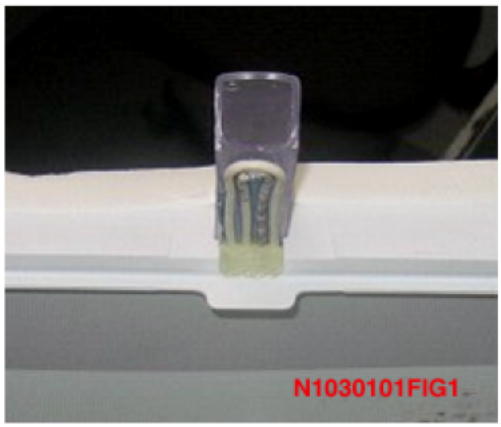
New parts

113845 - NOFROST FREEZER EVAPORATOR ASSEMBLY R600/R134a

Parts replaced

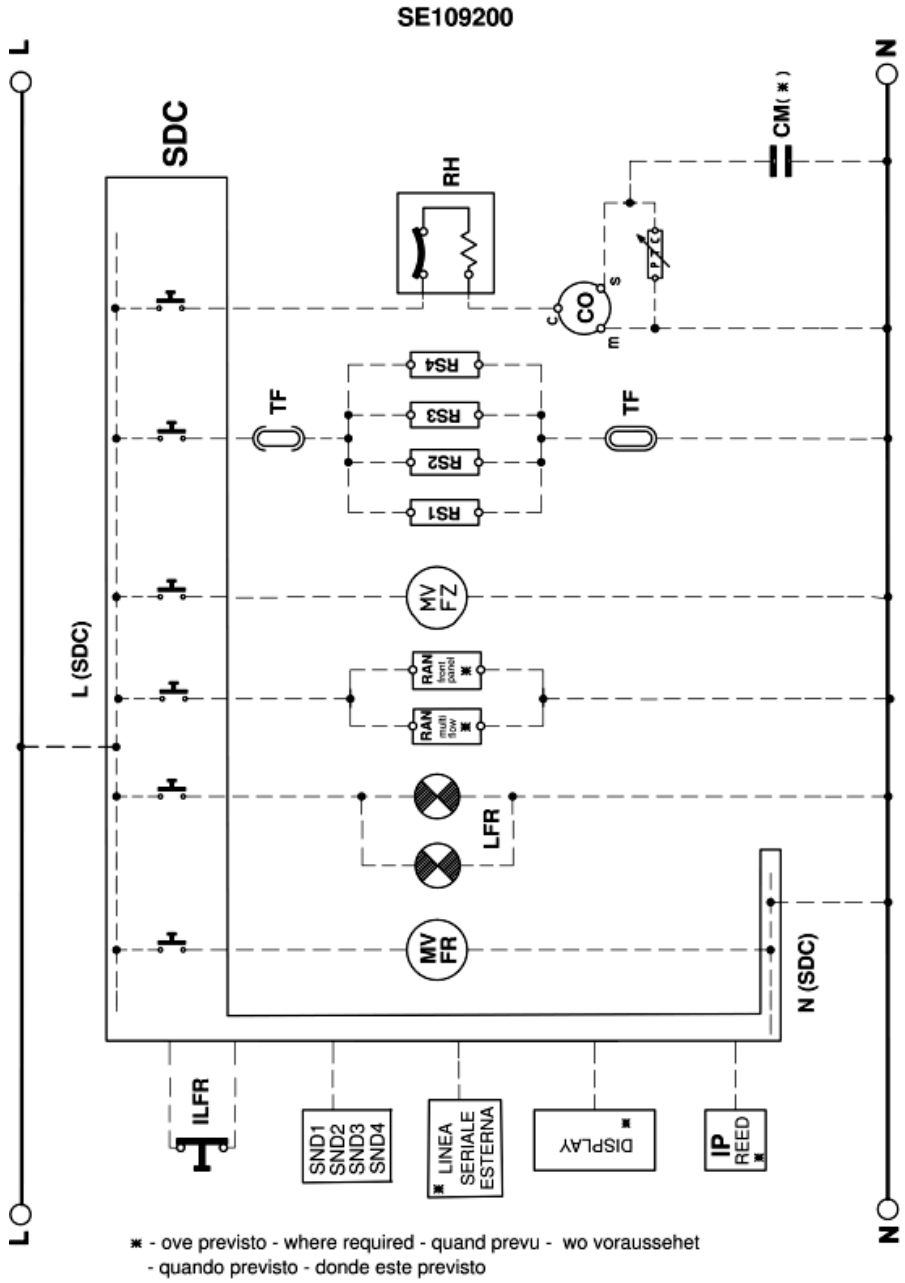
094667 - NOFROST FREEZER EVAPORATOR ASSEMBLY R600/R134a

n1030101:


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