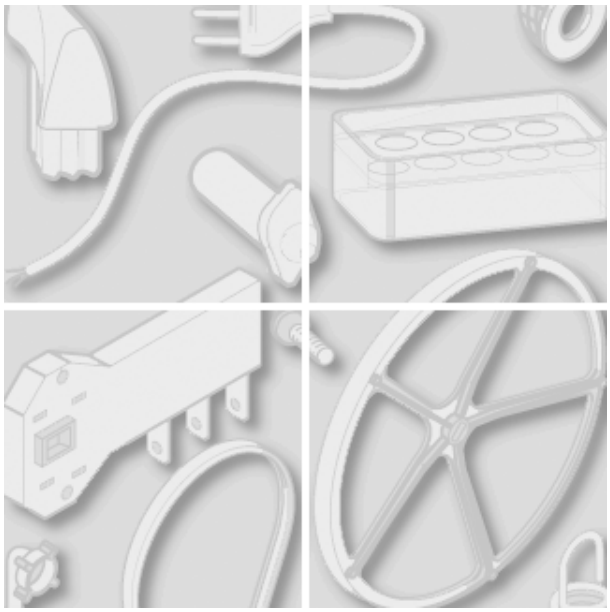
INDESIT company



Model type:

BA35FNFPFR

Commercial code:

F032164

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:

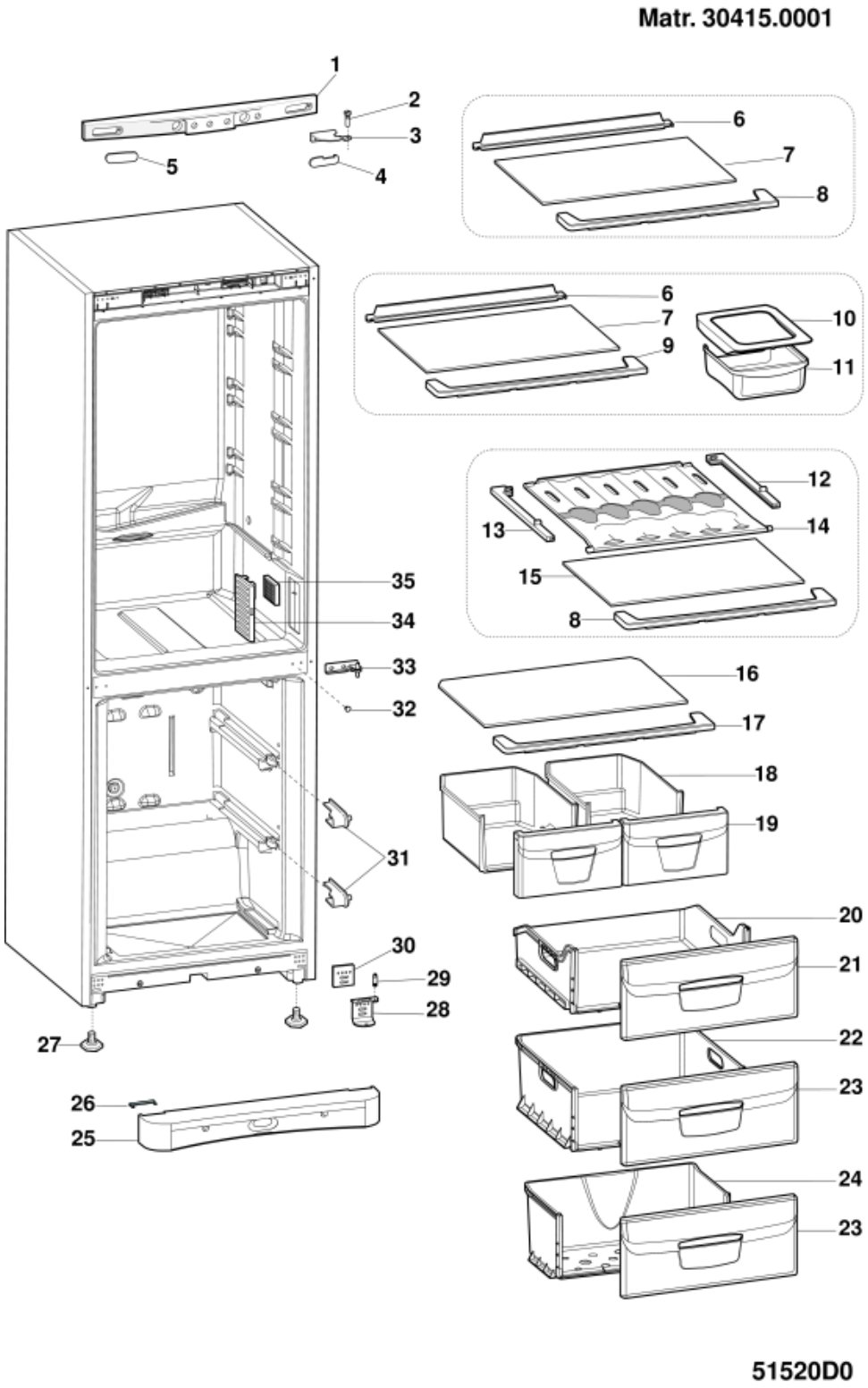
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

51520d0 Exploded views



51520d0 Spare parts list

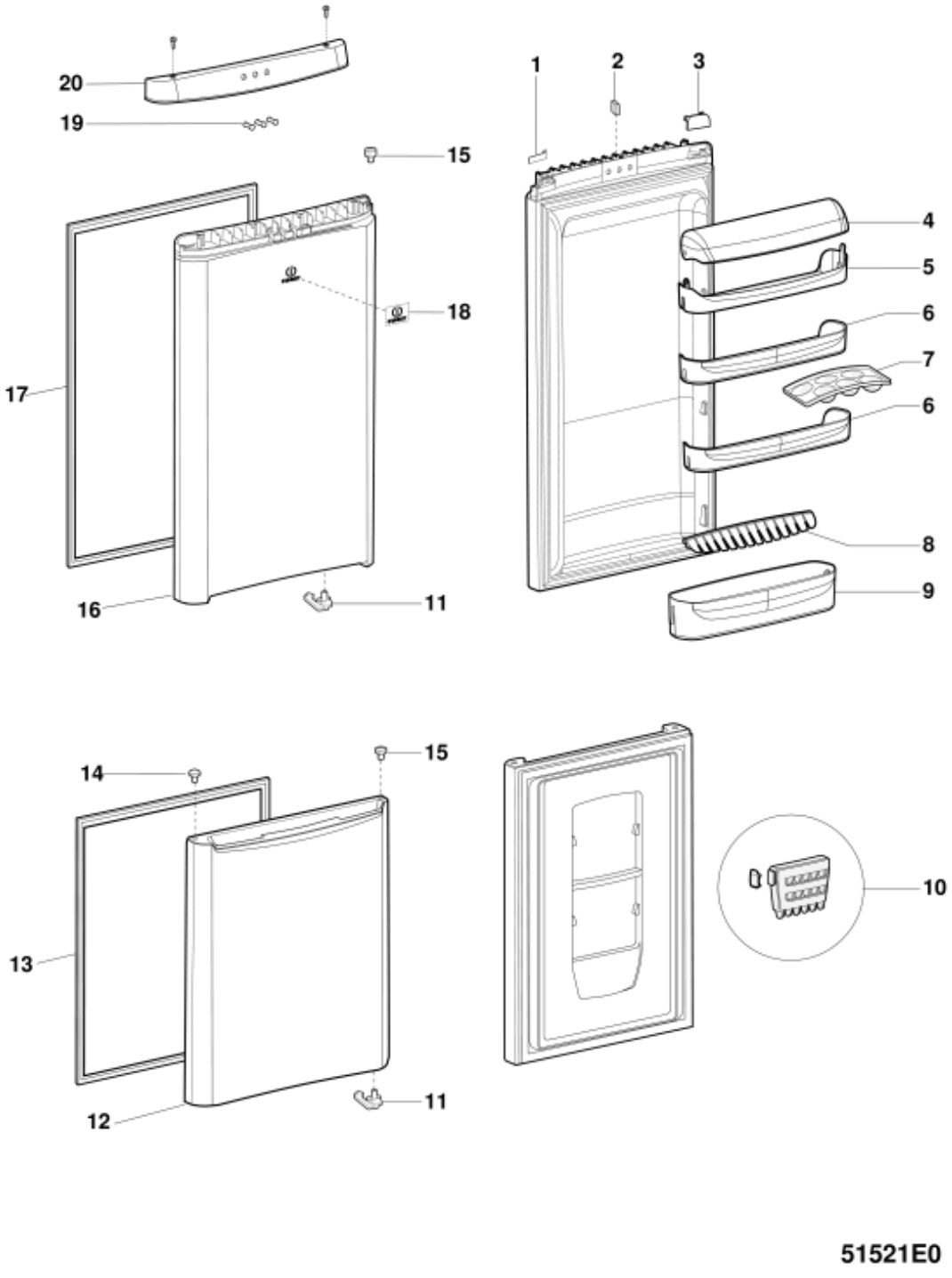
Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00110664				user instruction book ba35fnfp		
001	C00094384			1 x C00115426	control panel-top		93321640000
001	C00115426				control panel-top		
002	C00075565				hinge pin - m8x3 (18+2,5)		
003	C00081644				upper hinge lh-rh		
004	C00075561			1 x C00114603	hinge surround (74x20) - white		93321640000
004	C00114603				head panel hole cover pw rh(with		
005	C00075562			1 x C00114601	blanking plug (74x20) - white		93321640000
005	C00114601				blanking plug (74x20) - polar		
006	C00094836				back glass section w.497 blue		
007	C00094449				glass shelf 493x336,5x4 indesit		
008	C00094834				front glass section w.530 blue		
012	C00094839				guide (right) play zone blue		
013	C00094838				guide (left) play zone blue		
014	C00094732				shelf play zone blue 496/471x306		
015	C00094726				glass shelf 493x336,5x4 play zone		
016	C00094691				crisper cover (499x334x4 2x450)		
017	C00095002				trim - glass crisper cover		
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	C00094949			1 x C00114623	front base moulding indesit3		93321640000
025	C00114623				front base moulding indesit polar-		
026	C00094381			1 x C00114621	white base cap 58x18x4mm		93321640000
026	C00114621				base cap 58x18x4mm polar white		
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	C00011286			1 x C00114785	blanking plug d4,5x8mm - white		93321640000
032	C00114785				blanking plug (4,5x8mm) - polar		

51520d0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
033	C00053478			1 x C00114624	central hinge - white 'df245x		93321640000
033	C00114624			1 x C00144850	central hinge - polar white		
034	C00094429			1 x C00116362	cover air return rh white		
035	C00094837		40523...		filter fridge 445x445x10 mm		
099	C00088506			1 x C00091309	temp indicator	n1025118	

51521e0 Exploded views

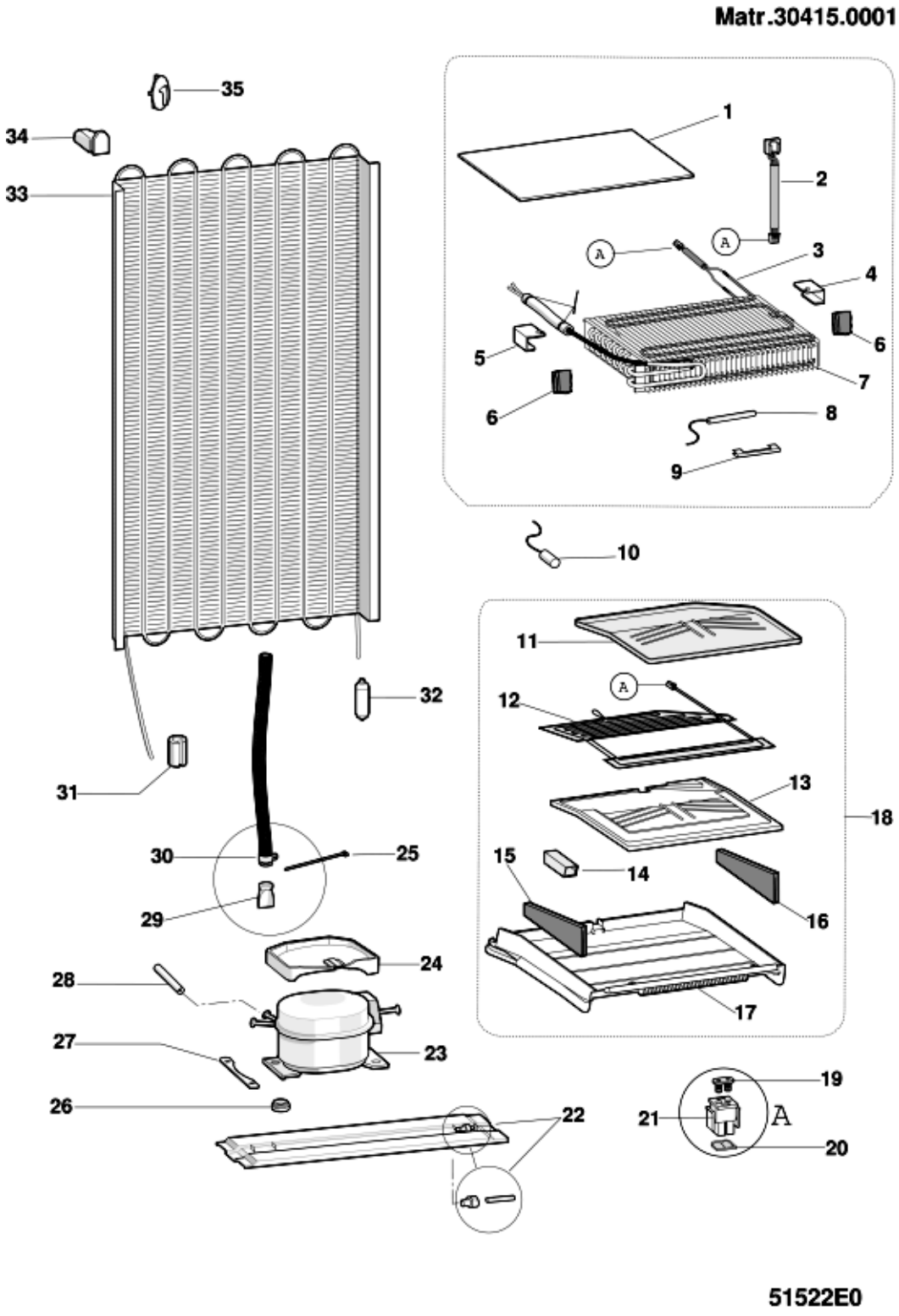
Matr. 30415.0001



51521e0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
002	C00075612				magnetic switch (door stop)		
003	C00081839			1 x C00114649	hinge surround lh 66x27 - white		93321640000
003	C00114649				hinge surround lh 66x27 - pw		
004	C00094417				dairy shelf cover 486x66 light		
005	C00094416			1 x C00081942	shelf eggs wxh 486x64x112		
				1 x C00081948			
006	C00094415				central shelf wxh 486x6x112		
007	C00075628				eggs tray (6) - blue		
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	C00082900			1 x C00114650	door stop bush lh - white 49ø		93321640000
011	C00082901			1 x C00114651	door stop bush rh - white 49ø		93321640000
011	C00114650			1 x C00115404	closure aid lh - pw 49ø		
011	C00114651			1 x C00115405	closure aid rh - pw 49ø		
012	C00094367			1 x C00115485	freezer door assy 592x713x87		93321640000
012	C00115485				freezer door assy 592x713x87		
013	C00075531			1 x C00115566	freezer door gasket (554x682)		93321640000
013	C00115566				freezer door seal (554x682mm)		
014	C00045903			1 x C00114784	blanking plug (h.14 d.13,8/9,5) -		93321640000
014	C00114784				blanking plug (h.14 d.13,8/9,5) -		
015	C00021257				door bush 3mm - white		
015	C00022161				hinge bush 4x15 mm - white		
016	C00094738				fridge door 592x1137x103- white		93321640000
016	C00115471				fridge door 592x1137x103-		
017	C00076126			1 x C00115396	freezer door gasket (554x1051)		93321640000
017	C00115396				freezer door gasket (554x1051)		
018	C00094380				logo indesit chromed		
019	C00094386			1 x C00115501	indicator light white(indesit-03)		93321640000
019	C00115501				indicator light polarwh (indesit-		
020	C00094387			1 x C00115418	control cover (door top) 5930x54-		93321640000
020	C00115418				control cover (door top) 594x54-		

51522e0 Exploded views

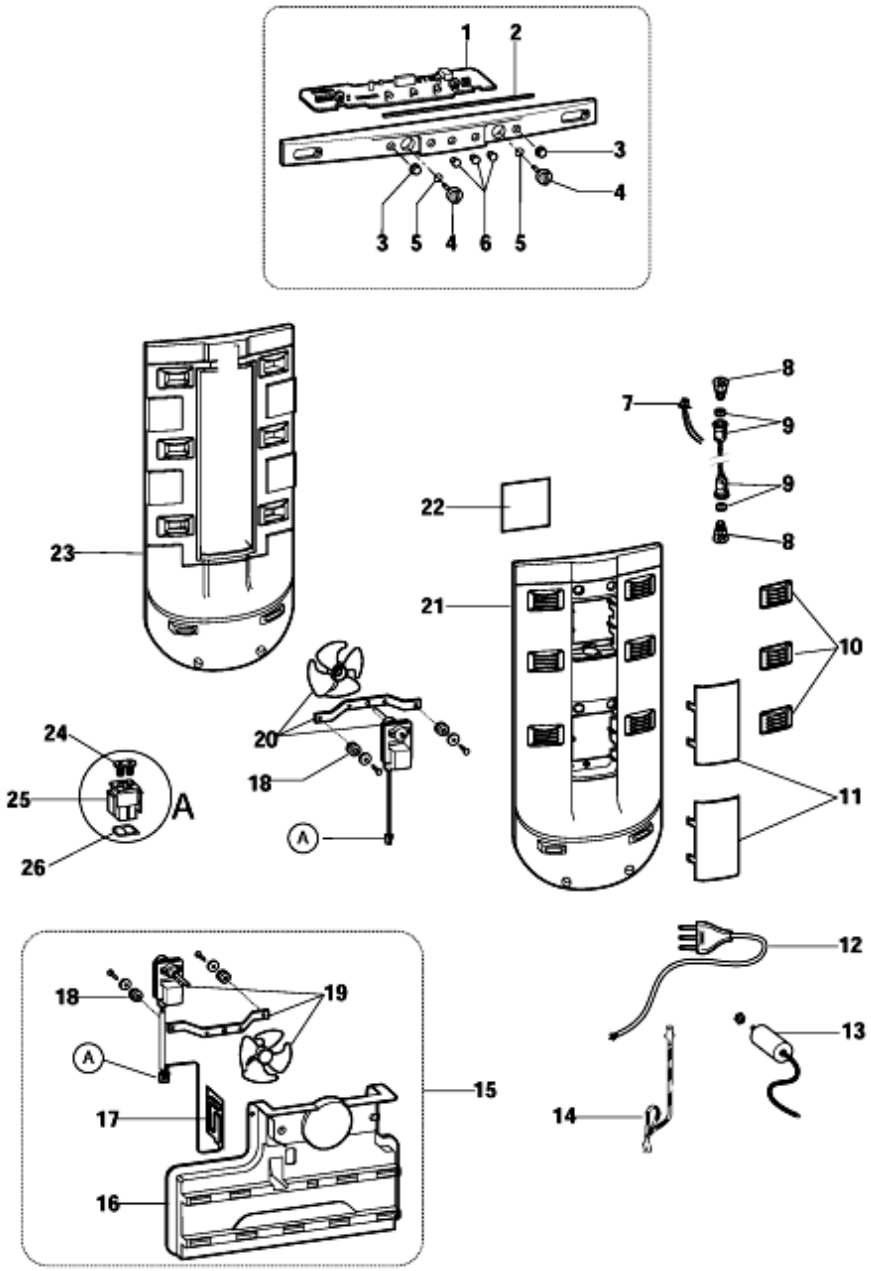


51522e0 Spare parts list

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			
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	C00059919			1 x C00115574	buttons cover white (h=5,5 mm)		93321640000
003	C00115574				buttons cover polarwh (h=5,5 mm)		
004	C00115431				control knob thermostat - polar		
004	C00175020			1 x C00115431	trimmer knob white		93321640000
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 1 x C00094681	lamp-socket (vossloh) 250v e14		
011	C00174888				lamp cover-fridge		
012	C00008598				mains supply cable 3x0,75		
013	C00144806			1 x C00292607	starting capacitor 2,5mf (m8) rohs		
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	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

---

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.

n1025118: French products temperature indicator

Since April 2002 (serial no. 20404.0001) the Melano, Carinaro and Setubal factories have been fitting the temperature indicator "for better and precise identification of the coldest area inside the refrigerator compartment", on free-standing products intended for the French market.
The temperature indicator, code 088506, consists of a zamak casing fitted with a temperature-sensitive liquid crystal disk. (see see NT008400). On the back of the zamak casing there is a biadhesive for sticking it to the refrigerator cabinet, after carefully cleaning the application area with a heptane-based degreasing product (or similar suitable product).

"OK" must appear on the indicator (correct lighting will enable better reading of the indicator).
If the indicator appears completely black, this means that the average temperature of the area is too high (higher than +4°C). In this case the temperature must be decreased (colder) by operating the device that controls temperature inside the refrigerator.
With each change, wait for the temperature inside the refrigerator compartment to stabilize (approx. 10hr) before doing another adjustment.

N.B.: in the case of large quantities of food being introduced or frequent and prolonged opening of the fridge door, it is normal for "OK" not to appear on the indicator. Wait at least 10hr before appropriately adjusting the temperature.

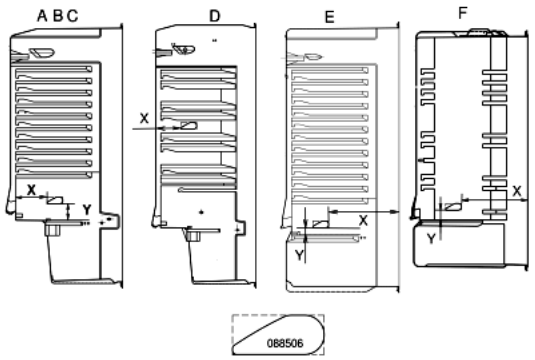
In models with chiller, as this area has coldest temperature in the entire fridge compartment,
"the temperature indicator" is located inside in order to be able to check the correct value.

In models without chiller, the position of the temperature indicator varies according to the type of product: double-door and

single-door fridge, combination fridge-freezer, etc.

Below is a summary table giving the values for correct positioning:

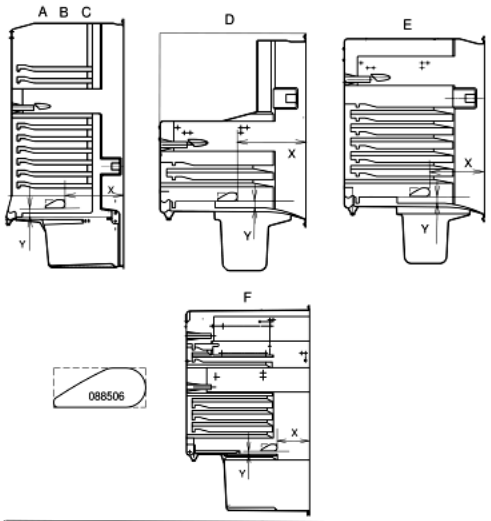
1.Value (X) indicates the distance from the rear wall
2.Value (Y) indicates the distance from the top of the crisper lid
3.Value (Z) refers to the top of the glass shelf on the third guide from the top.



TYPOLOGIE	COTE X MM	COTE Y MM	COTE Z MM	MODELE		COD.COMM.	
A	45	35		EDF260XL(FR)		25763	
B	45	35		RA24(FR)	RA25(FR)	27746	27747
C	45	35		BD262AIEU	BD241I	26859	28165
D	45			RA282(FR)	BD292AEU	27745	26860
E	255	35		BC312AIEU		26852	
F	255	55		BCS311I		28168	
F	255	55		BCS312AEU	BCS313AVEI	26851	29149

X = COTE DE LA PARTIE AVANT DU REFRIGERATEUR (E-F)
X = COTE DE LA PARTIE ARRIERE DU REFRIGERATEUR (A-B-C-D)
Y = COTE DU COUVERCLE DU BAC A LEGUMES

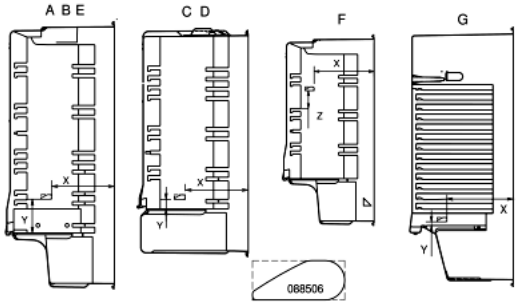
N1025118FIG2



TYPOLOGIE	COTE X MM	COTE Y MM	COTE Z MM	MODELE		COD.COMM.	
A	255	35		BO2320AIEU	BO2324AIEU	26858	26857
B	255	35		BO1920AIEU	BO1924AIEU	26855	26856
C	255	35		BO1620AIEU BO1610I	BO1624AIEU BO1614I	27756 27702	26854 28163
D	175	10		BTS1614I	BTS1624AEU	28164	26850
E	175	10		BTS1610I	BTS1620IEU	27030	27755
F	150	10		BTP1411		27638	

X = COTE DE LA PARTIE AVANT DU REFRIGERATEUR
Y = COTE DU COUVERCLE DU BAC A LEGUMES (A-B-C-F)
Y = COTE DU BAS REFRIGERATEUR (D-E)

N1025118FIG3



TYPOLOGIE	COTE X MM	COTE Y MM	COTE Z MM	MODELE		COD.COMM.	
D	255	125		MBA3831 C	MBA3832C	26005	26006
A	255	125		MTA331C	MTA332C	25701	25702
B	255	125		MTA401C		26019	
C				CE240V(FR)		27548	
A	255	20		RA 34	R40(FR)	23217	28308
D	255	55		CA138 (FR)		27750	
E	255	20		MTAA 290 (FR)		28029	
C	255	125		MBA4031CV(FR) MBA4041C(FR)	MBA4033CV(FR) MBA4042C(FR)	27883 27885	27884 27886
D	255	55		MBA3811(FR)		28041	
F	255		40	MTA291V(FR) MTA293V(FR) MTA294V(FR)	MTA295V(FR) MTA292V(FR) RE40V(FR)	27887 27891 27890	27889 27888 28315
G	255	3		RC4549DLIXD B450VLIXD(FR)	RC4549DLIXG B450VLIXG(FR)	23797 28373	23798 28374
C	255	125		CA240(FR)		24000	

X = COTE DE LA PARTIE AVANT DU REFRIGERATEUR
Y = COTE DU COUVERCLE DU BAC A LEGUMES
Z = COTE REFEREE A LA PARTIE SUPERIEURE DU RAYON (3 EME GUIDE DU DESSUS)

N1025118FIG1

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

---

(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).

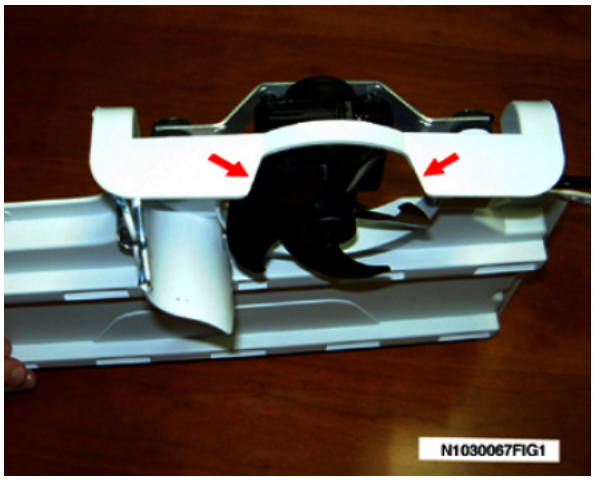
n1030067: Noisy freezer compartment fan in Ariston and Indesit Opera-60 total no-frost fri

---

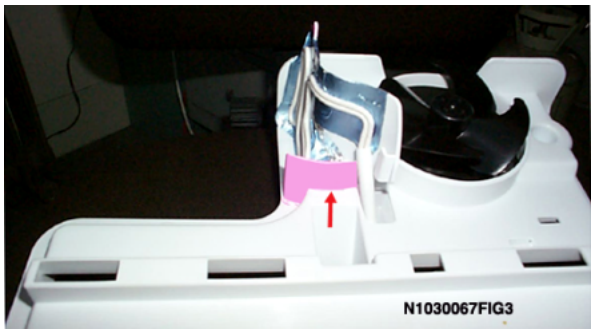
On Ariston and Indesit Opera60 Total No Frost fridge-freezers produced before August 2003, the freezer fan may stop due to ice

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).







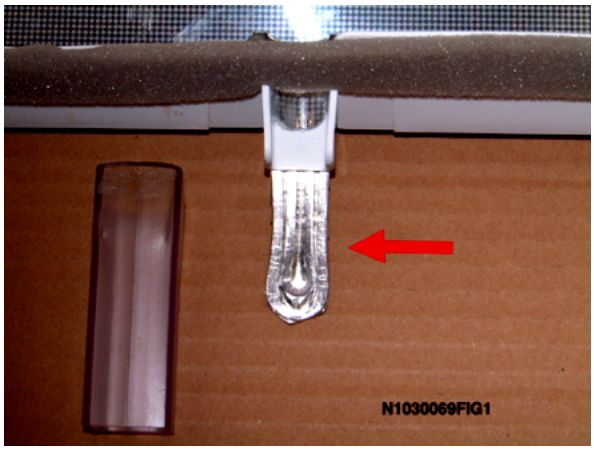
n1030069: Freezer compartment drip hole obstructed on Opera60 Total No Frost fridge-freeze

---

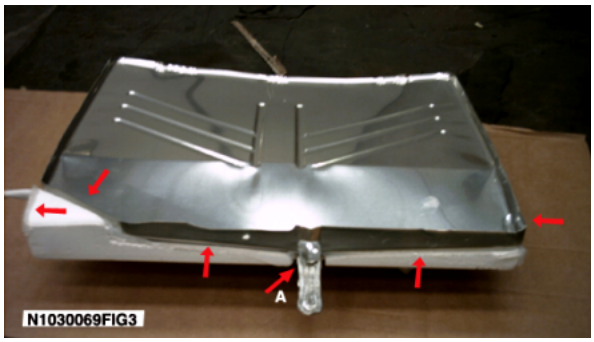
On Ariston and Indesit Opera60 Total No Frost fridge- freezers produced before June 2003, the freezer separator drip hole may be obstructed due to ice build-up.
The problem has been solved by fitting a double filament resistance at the end part, which can be seen by removing the rubber protection. (see 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.







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

n1030088: Production of Indesit 60 fridge-freezers (2003 restyling) in Polar White colour

---

In January 2005, the Melano factory started producing Indesit fridge-freezers(width 60 cm) in the new "polar white" colour in place of white-27.
The industrial code of these models has changed (see example), whereas the initials (BE33PI) and commercial code (29265) have remained the same.

E.g. 93292650201 = BE33PI white-27
E.g. 93292650301= BE33PI polar white

The colour change affects the following structural and external appearance parts only:

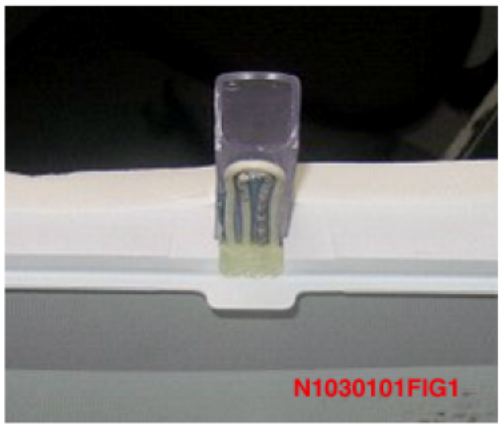
-Body, body control panel, plinth.
-Central hinge and hinge covers, hole covers.
-Doors, gaskets, handles, control panel, bushes.
-Knobs, control panel button covers.

All internal accessories (racks, profiles, drawers, etc.) and door accessories (door shelves, egg trays, boxes, etc.) have remained the same.
NB- When you order a spare part, please pay attention to the industrial code.
Given below is the list of Polar White models:

93292670301BE34PI
93292960300BA13FR
93294970301BA33PI
93295020301BA34PI

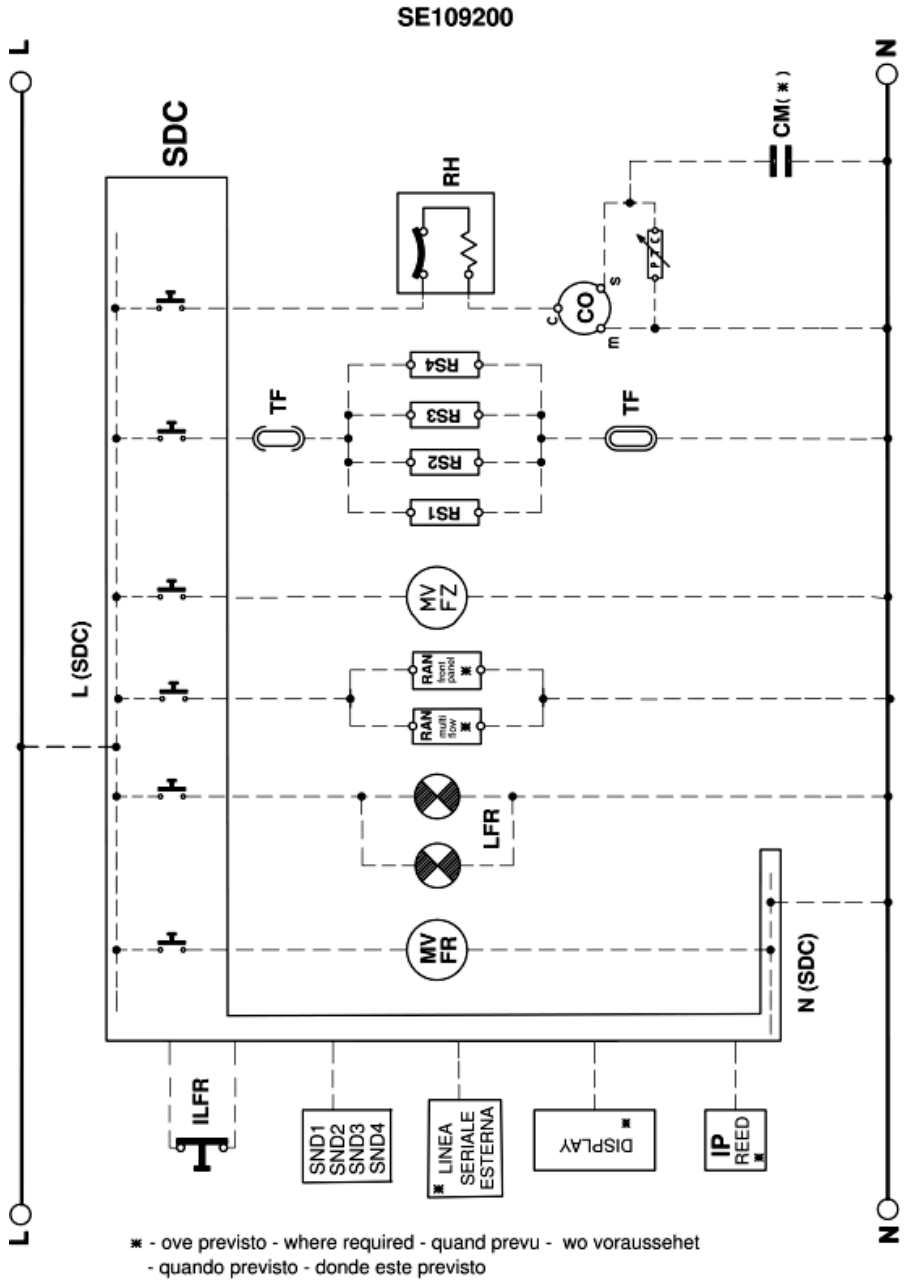
93296130000B23SP
93296140000B23VSP
93296550200BAA13NL
93296550201BAA13NL
93296990101B32
93301930100BA139UK
93302360100BA13
93302380100BA137
93302400200BA14
93310580200B33FNFPUK
93310600200B339NFPUK
93311450201BA13PI
93321640100BA35FNFPFR
93321650100BAA17FR
93321650101BAA17FR
93322490100B3344FNFSP
93328510100BAG18FR
93328520100BA14FR
93331120000B3377FNF
93337820100BA13GFUK
93337890100BA13GFI
93338170100BA12UK
93338180100BA12FR
93338200000BA12NL
93338210100BA12
93338220100B12
93338230100B13UK
93338240100B13
93338250100BA13NL
93341600100BA34FNFP

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