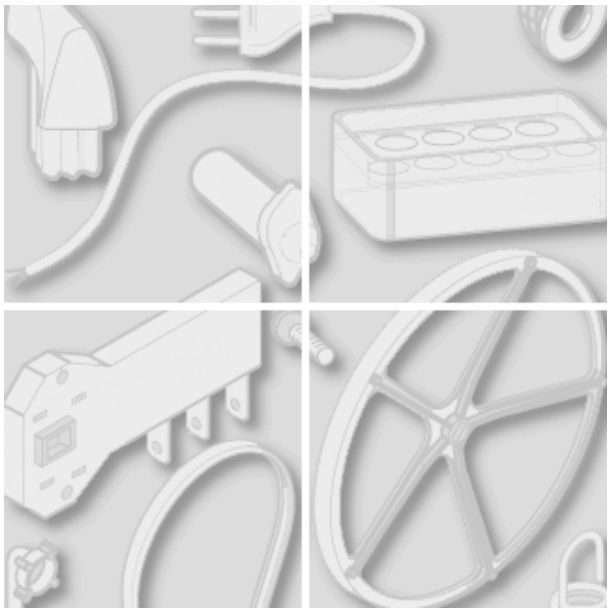
INDESIT company



Model type:

BCO35AVE(H=1278)
BCO35AVE(H=1317)

Commercial code:

F028134
F028135

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:

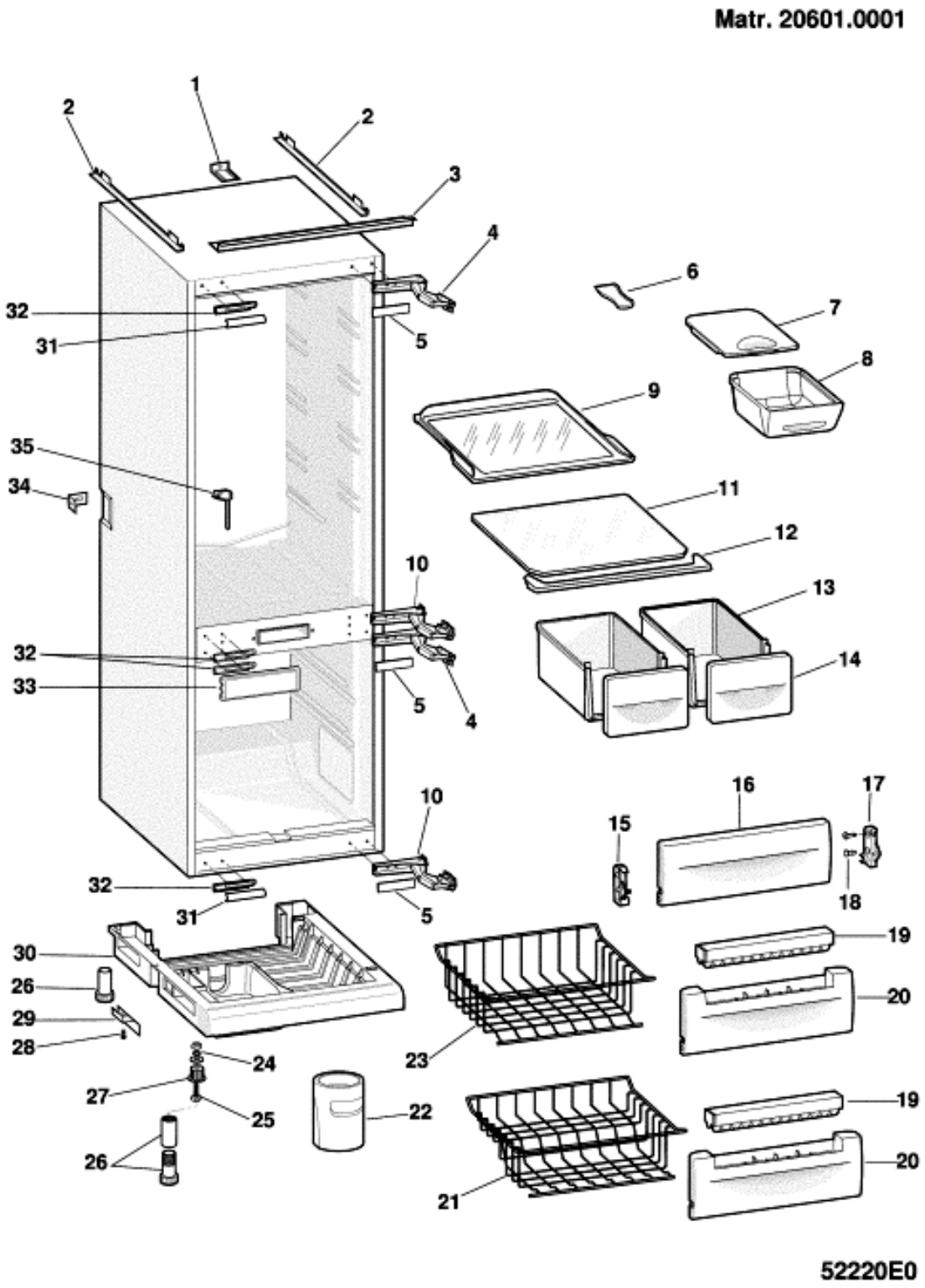
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

52220E0 Exploded views



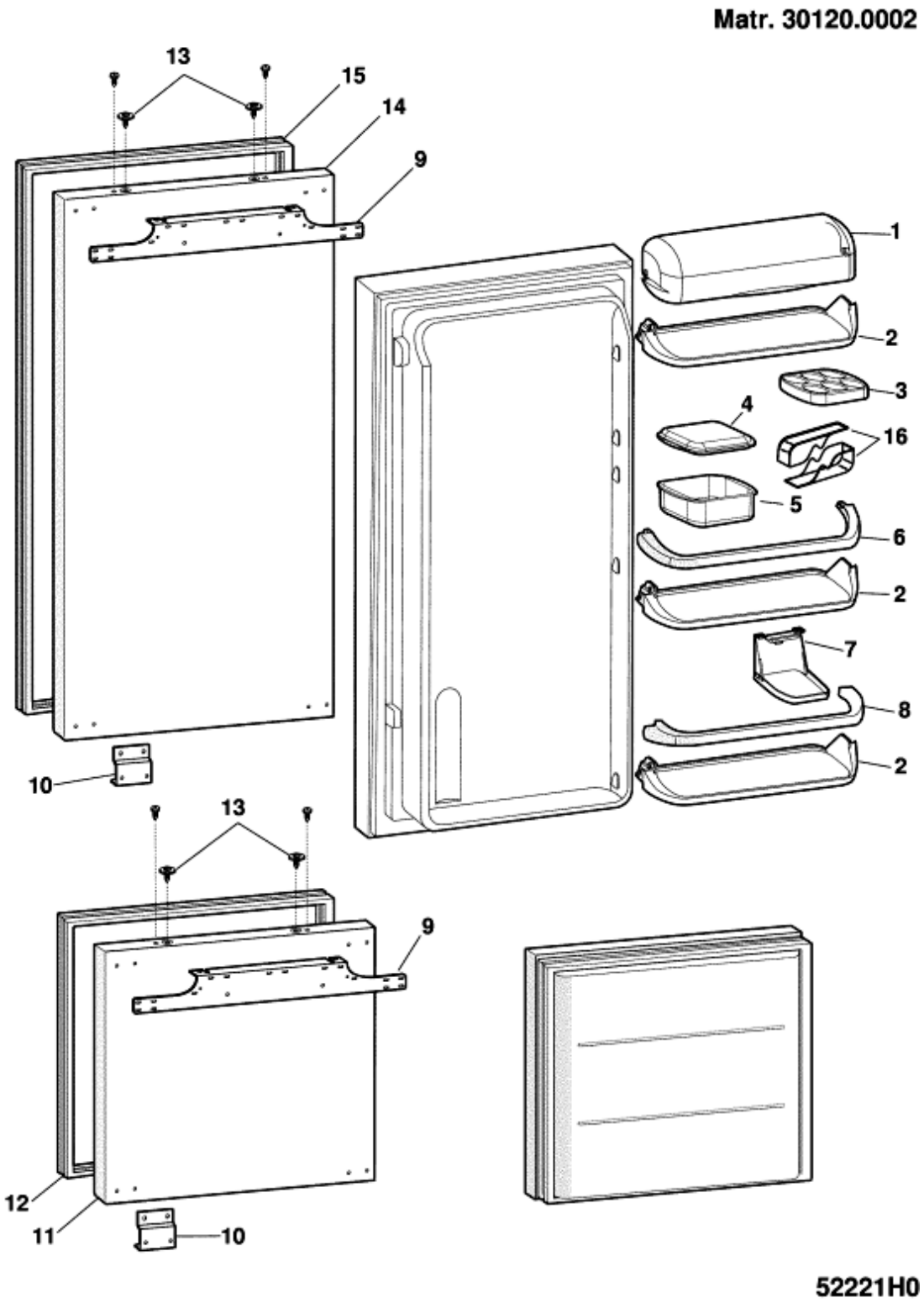
52220E0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00092844				user instruction bco35ave		
001	C00064639				plate clamp fixing wxh 44x20x54		
002	C00064640				top plate clamp fixing side wxh		
003	C00064637				white upper covering profile wxh		
004	C00064634				hinge-upper lh/lower rh (hettich-		
005	C00064659				cover (hinge) - white (kc35)		
006	C00025370			1 x C00003261	ice scraper, white		
007	C00086382				meat box cover (317x214mm)		
008	C00086381		10123...	1 x C00283755	meat box (309x215x98mm) - clear		
008	C00194025	60711...			zinc plate cklamp fixing lateral		
008	C00283755	10124...			meat box (309x215x98mm) -	n3010j01	
009	C00064766				glass shelf (473x315x41) - dots		
010	C00064633				hinge-upper rh/lower lh (hettich-		
011	C00086386			1 x C00280893	crisper cover (466x307x4mm)		
012	C00086378			1 x C00144431	trim 465x48x12mm (crisper		
013	C00086383			1 x C00142261	crisper box (wxhxd		
014	C00086384		10123...	1 x C00142262	panel crisper box clear wxh	n3010j01	
014	C00283268	10124...			panel crisper box crystal wxh	n3010j01	
015	C00041958				lh freezer flap hinge (63x13mm) -		
016	C00086388			1 x C00087418	frz front/flap upper 414x162x25		
017	C00041957				rh freezer flap hinge (63x13mm) -		
018	C00014612				plastic expansion rivet		
019	C00086400			1 x C00093411	ice cubes conteiner (wxh 303x54)		
020	C00086389			1 x C00283721	freezer drawer front/flap clear		
021	C00089679				freezer basket lower		
022	C00081912			1 x C00280400	winechill ergobucket		
023	C00089678				freezer basket middle		
024	C00019838				washer f.10,3x0,9 zntr		
024	C00064759				washer d.4x2,5		
025	C00002512			1 x C00014880	nut m10		
025	C00030446				bolt m10 x 45 zntr		
026	C00064662				set slide foot (h=100/150) - white		
027	C00064663				plastic insert for front foot (kc35)		
028	C00064760				bolt tmt 6x25 (screwplast)		
029	C00064644				plate lower regulation side		

52220E0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
030	C00064652				base plinth (560x17x545) - white		
031	C00031833				white cover bracket fixing lateral		
032	C00064638		60710...		zinc plate cklamp fixing lateral		
033	C00048767				cover - connection box		
035	C00045965				cleaner/plug 6x120-defrost		

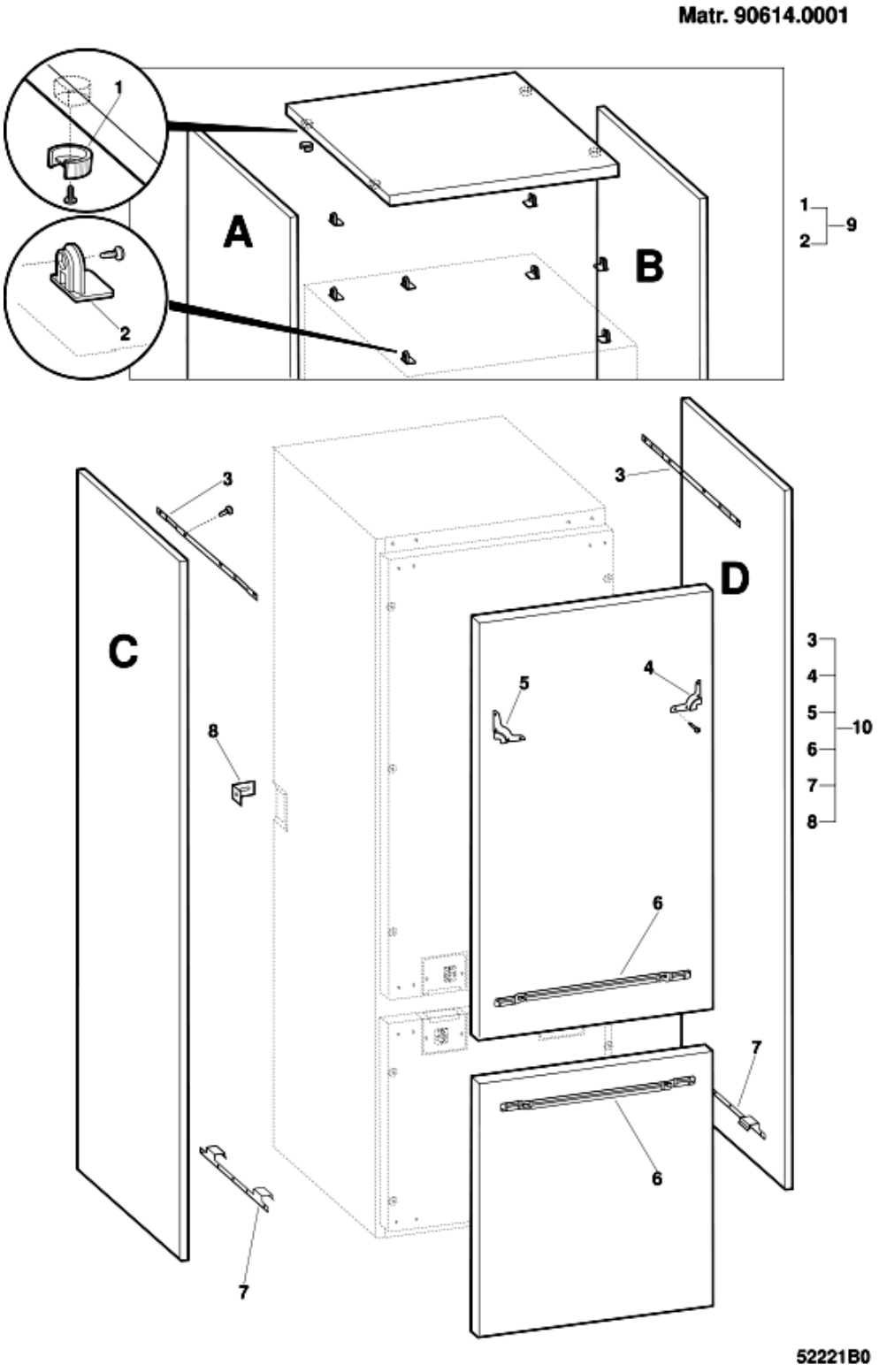
52221H0 Exploded views



52221H0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00089086		10123...	1 x C00094621	hinged box cover (w.443) clear		
001	C00283224	10124...			rail for door shelf - crystal - 410	n3010j01	
002	C00089093				door shelf 443x70x104mm white		
003	C00081953				eggs tray (6) (152x95x20) cristal		
004	C00086419		01219...	1 x C00283448	butter box lid (180x92) blue		
004	C00283448	01220...			butter box lid (180x92) transp.		
005	C00086418		01219...	1 x C00283447	butter box (152x50x93mm) blue		
005	C00283447	01220...			butter box (152x50x93mm)		
006	C00089089				central door shelf rail		
007	C00087262			1 x C00090982	door shelf set		
008	C00089090				bottle door shelf rail		
009	C00092850				plate 554x60x25 (wood door		
010	C00056740				lower plate 60x43x6,5 (wood		
011	C00092845				freezer door assy-white	n1030055	
012	C00064660				door seal (freezer) 549x585 p900 -		
013	C00022030				shoulder screw m5x10 - door		
014	C00092846				fridge door assy - white	n1030055 n1030074	
015	C00064661				door seal (fridge) 549x1114 p900-		

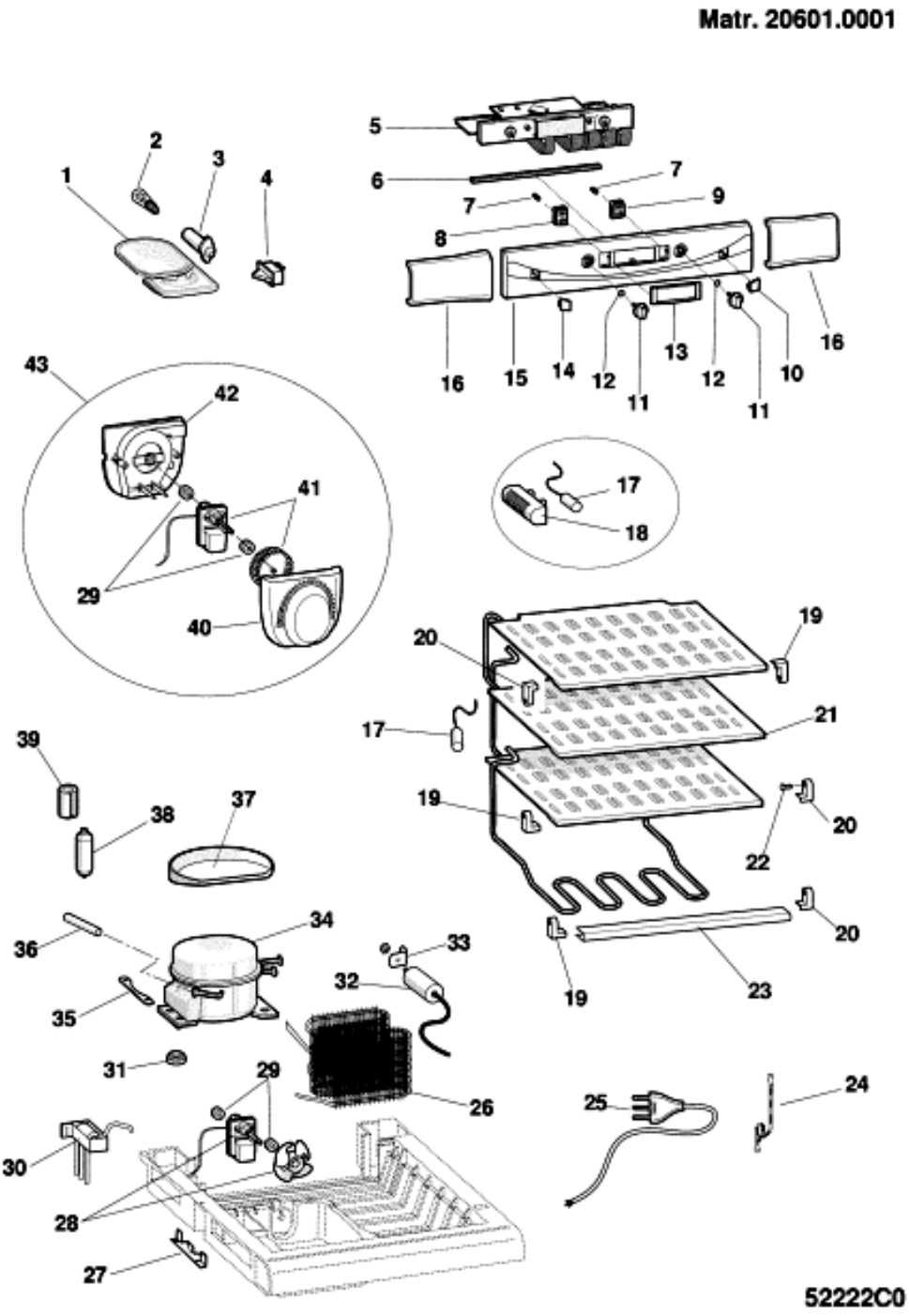
52221b0 Exploded views



52221b0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
009	C00064761				ring support shelf		
010	C00092851				kit accessories body-side/door		
099	C00092852				kit accessories (kc35)		

52222C0 Exploded views



52222C0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00054000				lamp box		
002	C00006522				lamp 15w (e14)		
002	C00091912				light deflection folio (50x100)		
003	C00031233				lamp-socket (libero 1061) 250v		
004	C00032387				lamp switch - n/c 250v	n1030078	
004	C00092774		71118...		lamp switch deka 250v nc		
004	C00259837	71119...			lamp switch arcolectric 250v nc		
005	C00088529			1 x C00143093	card micropr. (magnetek	n1030064	
006	C00089496				sponge(280x5x5)		
007	C00088528				key spring (di. 3,7x9,5)		
008	C00088526				pushbutton white display left		
009	C00088525				pushbutton white display right		
010	C00088521				base cap rh white		
011	C00088523			1 x C00293386	temperature control knob - white		
012	C00064775				gasket oring dia=11/8 mm		
013	C00088527				white display control panel 77x22		
014	C00088522				base cap lh white		
015	C00089813				dashboard moulding control		
016	C00064658				side fascia strip - white 116x80		
017	C00064772				probe browne l.160 mm molex		
017	C00064774				probe white l.250 mm molex		
018	C00030633				white small cover thermostat bi-		
019	C00043837				rh evaporator plate support - white		
019	C00065324				evaporator plate support lh - white		
020	C00043838				lh evaporator plate support - white		
020	C00065325				evaporator plate support rh - white		
021	C00064768				freezer evaporator 405x543x381		
022	C00014612				plastic expansion rivet		
023	C00064270				trim 410x18x7,7 mm white-pw		
025	C00008598				mains supply cable 3x0,75		
026	C00064654				armco condenser ventilated		
027	C00043734				plate clamp - 80x22 compressor		
028	C00064653				fan motor (mes) f61/10a 220-	n1030080	
029	C00025215				rubber mounting for fan motor		
030	C00064787		60319...	1 x C00143954	electrovalve 3 way (r134a-r600a)		

52222C0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
030	C00143954	60306...			electrovalve 3 way rohs		
031	C00032453				rubber shock absorber -		
032	C00090222			1 x C00144815	capacitor 4mf (ducati)		
033	C00046312				capacitor fixing plate (750908)		
034	C00058964			1 x C00144744	comp nly6f 220-240/50		
035	C00008471			1 x C00193590	fixing plate - compressor (750908)		
035	C00036648				fixing plate - compressor		
036	C00042354				charging pipe 6x90 mm r134a		
037	C00046376				defrost tray (stick on) 215x148x25		
038	C00064790			1 x C00290451	filter gr.12 (d.4,8/d.4,2 mm) gas		
040	C00089736				cover - fan motor		
041	C00054908				fan-motor 220-240/50-60 mes		
042	C00054911				bracket - fan motor turbocooling		
043	C00089511				set turbocooling ariston		

Notices

0521123: SEALS FOR DOORS FOAMED AS ONE PIECE

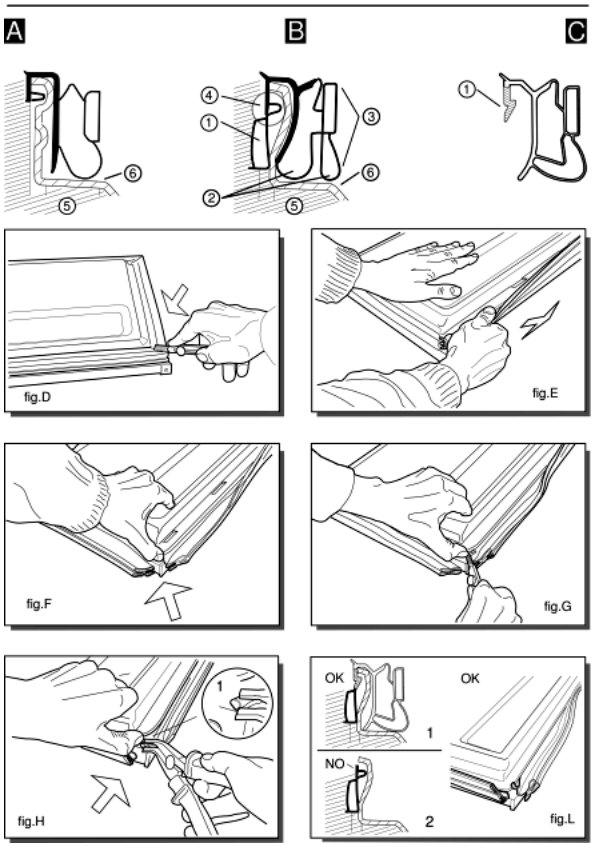
Various types of gaskets with different profile, as shown in figures (A) and (B), are used to fix the door (fig. A-5; B-5) and the inner door (fig. A-6; B-6) on the block foamed doors of combined freezers and refrigerators.
---Ilpea profile 245; 179; 412 (fig.A)
---Ilpea profile 287 (fig.B)
When replacing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

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

mod.BCO35AVE(H=1278) BCO35AVE(H=1317)



(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).

n1030055: Hyper-340 Ariston (BCO35AVE) combined refrigerator-freezer with s/steel shell

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Since December 2002, OLA has been providing the s/steel shell for the Ariston free-standing combined refrigerator-freezer (BCA353AVE) produced in the Carinaro factory.
The two models that are equipped with the new shell differ in height of door panel:

28134 - BCO35AVE (h.1278)
28135 - BCO35AVE (h.1317).

The replacement parts relevant to the s/steel shell are the following:

092838 - S/STEEL FREEZER DOOR H=720 (BCO35AVE) for both models
092840 - S/STEEL REFRIGERATOR DOOR H=1278 (BCO35AVE) 28134
092839 - S/STEEL REFRIGERATOR DOOR H=1317 (BCO35AVE) 28135

These panels have a wooden and polystyrene core and are fixed to the doors of the appliance by means of the fixing brackets supplied.
The panels are reversible and already equipped with the handle which is assembled horizontally.
The handle cannot be replaced separately because it is fixed to the reinforcement inside the panel with two screws.
Base, sides and top are not supplied with the product because these parts will be fitted afterwards by the assembler using the kit supplied.

n1030064: Elimination of sensor cage on 2002 range built-in fridge-freezers models BCS313

In April 2003 (serial no. 30407.0001) the Carinaro factory eliminated the cage protecting the fridge air sensor and moved the sensor 5-6 cm back on Ariston built-in electronic fridge-freezers.

This structural modification has involved the use of new electronic cards with warmer setting, because the sensor is less sensitive in the new position than in the previous more forward position with cage.

The Magnetek cards 162000524… (4083/PINK) and 162000525… (4082/WHITE) currently in stock in the Fabriano spare parts warehouse have all been replaced in order to be aligned with that used by production to date. These cards have been highlighted (see photo) with the marker pen, while the Magnetek codes (not higher than 162000524.06 and 162000525.07) are shown on the plates.
They will be managed with the following new Sat codes to enable correct ordering with respect to the previous ones.

098024 - 4083/pink new = (143091 ROHS)
098025- 4082/white new = (143092 ROHS)

The previous cards, with colder settings, do not have any highlighted marks and continue to be managed with the same Sat code (089759 and 088529=143093 ROHS) and must only be used on models with fridge air sensor in forward position and complete with cage.
Also, card 16200084501 will be managed with code 088529=143093 ROHS (4082/GREEN), currently used on the self-supporting fridge-freezer, which has the same settings as the previous card 16200052507 (4082/WHITE); whereas a card with red stamp on the pink plate (see photo) will be managed with code 089759.

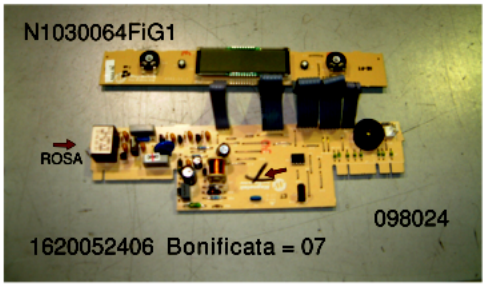
Since November, electronic cards, with warmer settings, give the code 16200052407 for 4083/PINK and 16200052508 for 4082/WHITE on the plate, and must only be used on models with fridge air sensor without cage and in the back position.

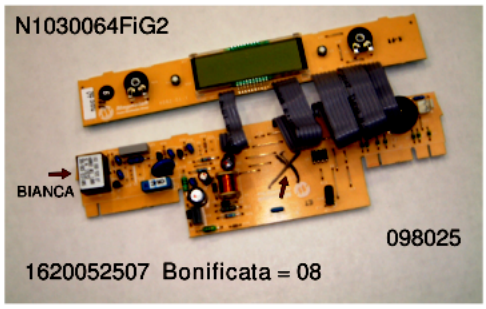
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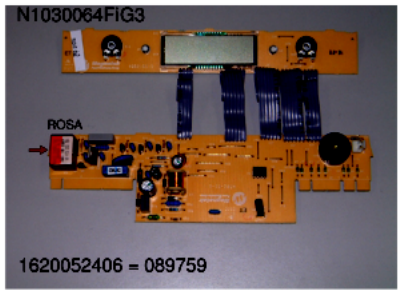
mod.BCO35AVE(H=1278) BCO35AVE(H=1317)

New parts
098024 = (143091 ROHS) CARD (MAGNETEK 4083/PINK) new (no-frost models without cage)
098025 = (143092 ROHS) CARD (MAGNETEK 4082/WHITE) new (static models without cage)

Parts replaced
089759 - CARD (MAGNETEK 4083/PINK) 220-240/50 + red stamp (no-frost models with cage)
088529 = (143093 ROHS) CARD (MAGNETEK 4082/PINK) 220-240/50 (static models with cage)





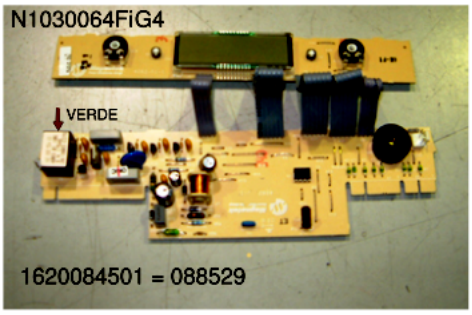


n1030074: Hyper-340 Scholtés (XRC34DE/D1) combined refrigerator-freezer with s/steel shell

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Since May 2004, FIM has been providing the s/steel shell for the Scholtés brand free-standing combined refrigerator-freezer

mod.BCO35AVE(H=1278) BCO35AVE(H=1317)



(BCA353AVE) produced in the Carinaro factory. The model is the XRC34DE/D1 (30309), and the replacement parts for the s/steel shell are the following:

109383 - S/STEEL FREEZER DOOR (RH) SCHOLTES (HYPER340 FIM)
109388 - S/STEEL REFRIGERATOR DOOR (RH) SCHOLTES (HYPER 340 FIM) OLD
254931 - S/STEEL REFRIGERATOR DOOR (RH) SCHOLTES (HYPER 340 FIM) NEW May-2007 (silk screen Scholtés brand)
269079 - PLINTH HOOK - STAINLESS (XRC34DE) FIM (just supplied in plinth assy)
082625 - S/STEEL BASE (XRC34DE) FIM (it has two rows of round holes)
082628 - S/STEEL SIDE PANEL (RH) (HYPER340/D) FIM
082629 - S/STEEL SIDE PANEL (LH) (HYPER340/D) FIM
082627 - SIDE FIXING BRACKET (HYPER 340) FIM
090540 - S/STEEL TOP (HYPER 340) FIM
111746 - TOP FIXING CROSS-PIECE
109413 - ALUMINIUM HANDLE (H= 277 MM) XRC34DE/D1 SCHOL KIT
109414 - ALUMINIUM HANDLE (H= 875 MM) XRC34DE/D1 SCHOL KIT
254932 - STEEL HANDLE (H= 277 MM) XRC34DE/D1 SCHOL KIT (October-2006)
254930 - STEEL HANDLE (H= 875 MM) XRC34DE/D1 SCHOL KIT (October-2006)

The embossed Scholtés brand name is located at the top of the cabinet door. The cabinet has a vertical brush finish

Besides the handle, the kit includes:
1)handle support (06128006) two pieces
2)fixing screws 8G M5x40 TCTC (08051080) two pieces

Fim also supplies the following internal items:

082621 - VEGETABLE DRAWER TOP GLASS L=466X295X4 (FIM) with s/steel profile

mod.BCO35AVE(H=1278) BCO35AVE(H=1317)

082622 - GLASS TRAY (XRCR4DE) FIM (with s/steel profiles)
082623 - S/STEEL BOTTLE RETAINER (XRC34DE) FIM

n1030078: Replacement of light button (032387) on Ariston and Indesit built-in combined fr

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In April 2004 (serial no. 40406.0001), the Carinaro factory replaced the light button (ARCOLECTRIC) on Ariston and Indesit built-in combined fridge-freezers of the 2000 range.
The new light button (DEKA) cannot be fitted on premodification models, as the two buttons do not have the same dimensions and therefore are not interchangeable.

New parts

092774 - LIGHT BUTTON 250V (NC) DEKA

Parts replaced

032387 - LIGHT BUTTON 250V (NC) ARCOLECTRIC

n1030080: Reduction of F61/10A fan unit rpm (064653)

In June 2004, the Carinaro factory reduced the rpm of the fan unit in the compressor compartment of free-standing fridge-freezers, in order to solve the noise problem on built-in fridge-freezers.
Fan unit 064653 (F61-10A) differs from the previous one in the rpm reduction from 2500 to 1900, while the fan remains the same.
The 1900 rpm fan unit will not be available until September due to supplier delivery problems.

n2511b03: COLOR CHANGE BUTTER BOX AND COVER

Only transparent will be managed

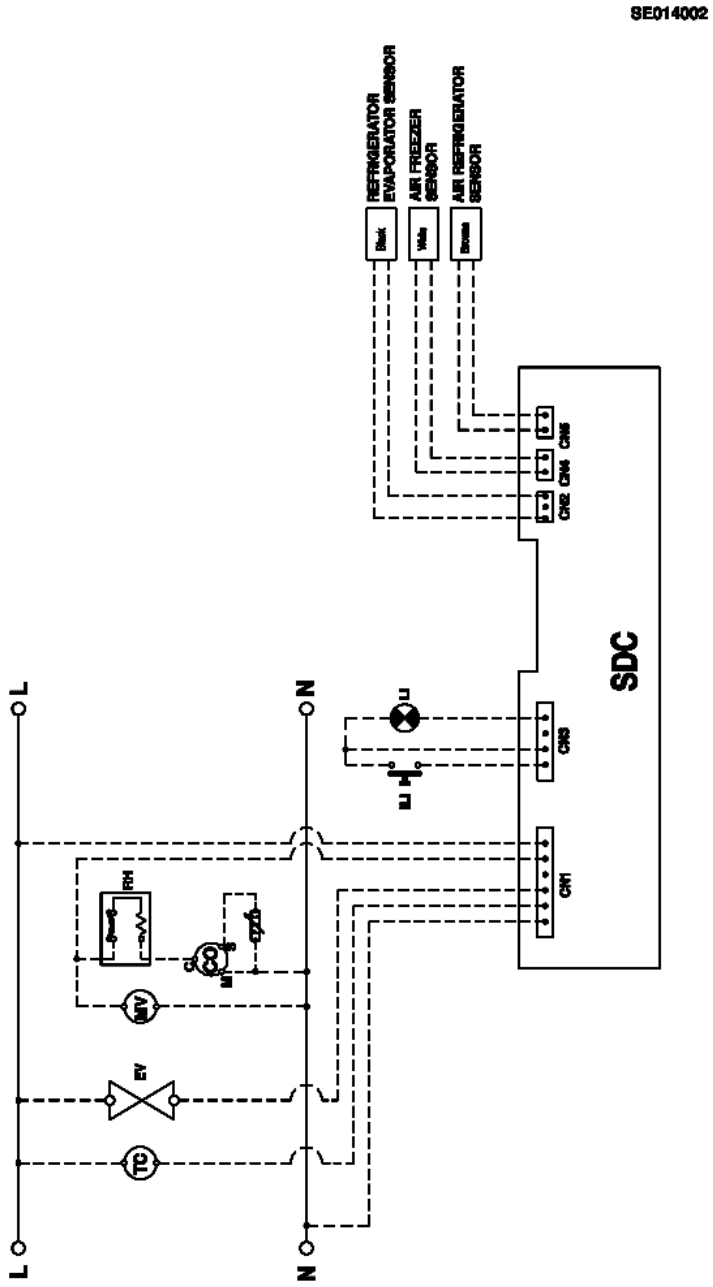
n3010j01: Colour Change of Internal Accessories

The colour of some of the internal shelves and accessories have changed to transparent. This affects models produced in Carinaro-Manisa. Modification is functionally interchangeable therefore once the colour versions of the parts have depleted they will automatically substitute to its corresponding transparent parts. Some parts will have been made obsolete with no substitution.

Some parts have changed from Satin Finish to Shiny (Crystal) Finish. These parts include;
-Door Shelves
-Crisper Front Panels
-Freezer Drawer Front Panels
All pre-modification components will be managed till the end of stock and after they will be substituted with new version.

Electric schemes and links

Cod. se014000



Legend

Legend: se014000

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