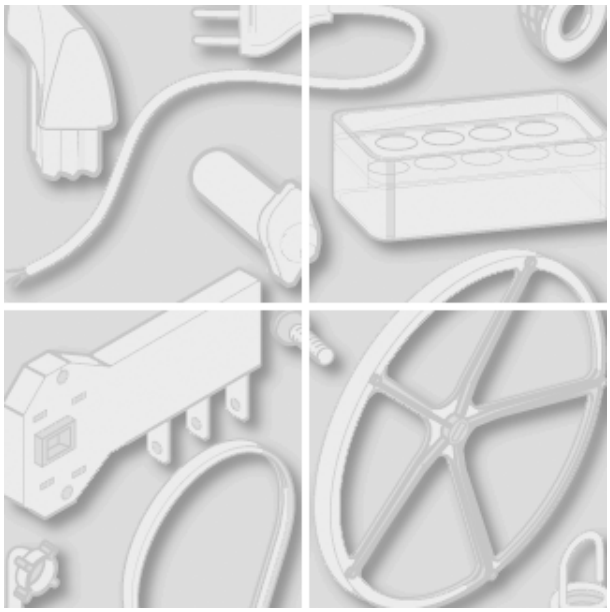
INDESIT company



Model type:

BCS313GE

BCS313GES

Commercial code:

F027040

F027274

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:

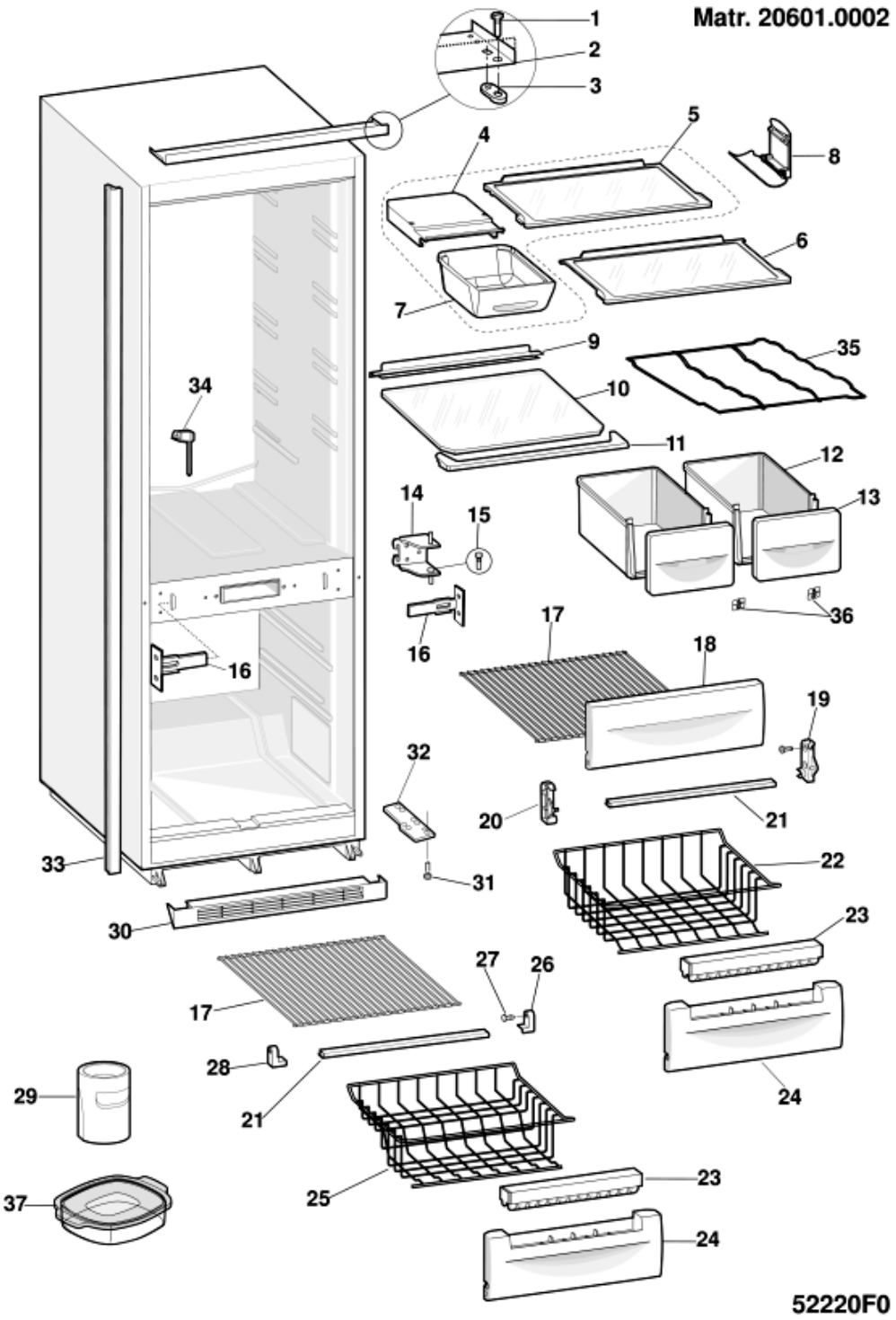
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

52220f0 Exploded views



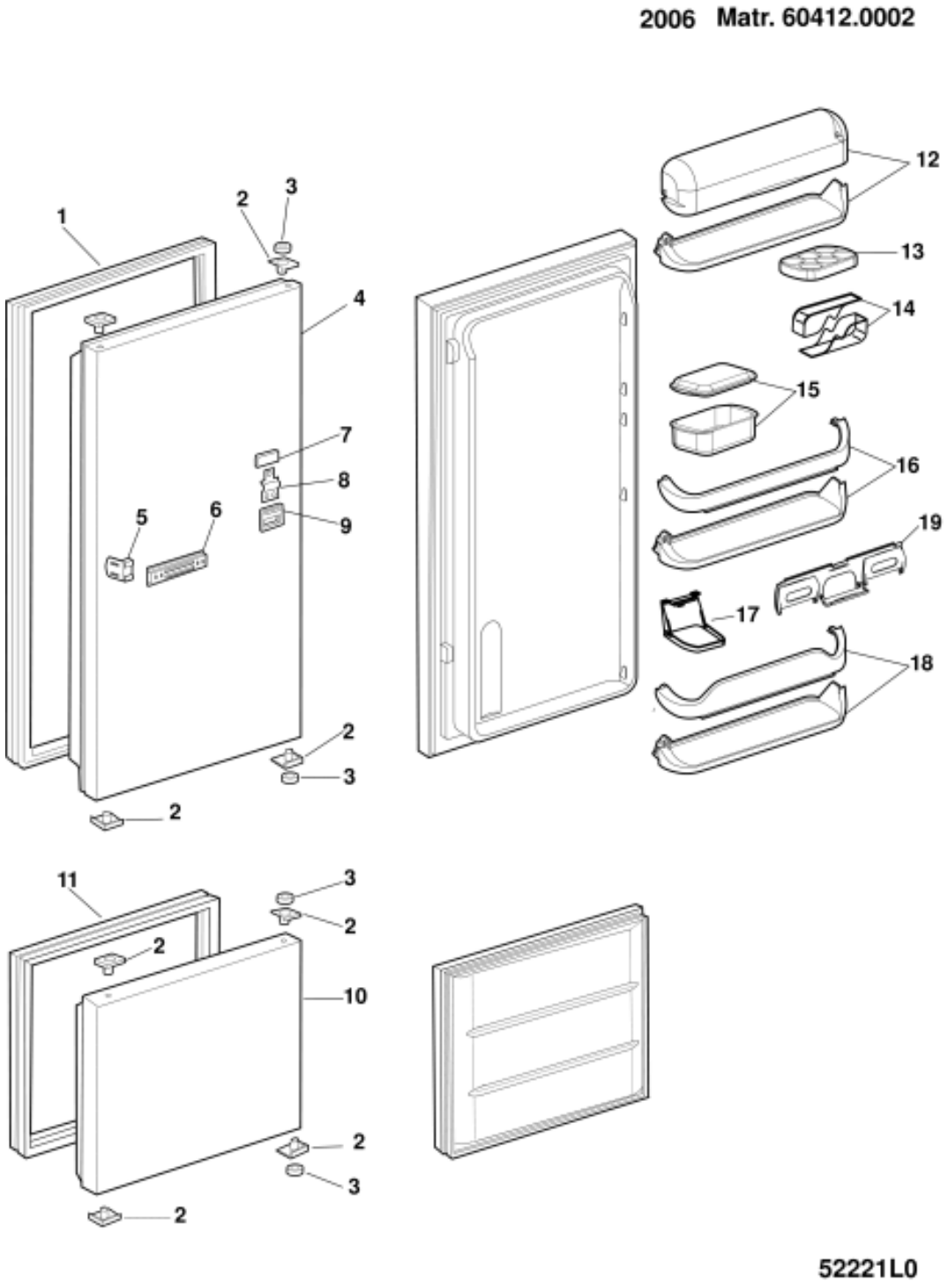
52220f0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00075215				printed sheet krf310 new		
000	C00089753				user instructions bookletes		
001	C00057834				hinge pin - lower m8x7-20 zncr	n1030061	
001	C00097074				hinge pin - lower m8x7-23 zncr		
002	C00075191			1 x C00144558	roof with hinge (lxwxh)	n1030100	
002	C00144558				roof with hinge white		
003	C00057839				white bush door (27x15x4,6) for	n1030061 n1030100	
003	C00110027				white bush door (27x15x8) for		
004	C00089497				meat box cover - white		
005	C00088514			1 x C00097048	glass shelf 474x14x324 -runner		
006	C00087420			1 x C00097046	glass shelf (wxh) 474,6x324,5x14-		
007	C00086381		10123...	1 x C00283755	meat box (309x215x98mm) - clear		
007	C00283755	10124...			meat box (309x215x98mm) -	n3010j01	
008	C00081984				bottle rack side mounting		
009	C00077379		60109...		glass shelf rear trim - white		
010	C00086386			1 x C00280893	crisper cover (466x307x4mm)		
011	C00086378			1 x C00144431	trim 465x48x12mm (crisper		
012	C00086383			1 x C00142261	crisper box (wxhxd		
013	C00086384		10123...	1 x C00142262	panel crisper box clear wxh	n3010j01	
013	C00283268	10124...			panel crisper box crystal wxh	n3010j01	
014	C00075107				central hinge rotozn		
015	C00017812			1 x C00032099	hinge pin (m8x5-20)		
016	C00075106				side fixing "t" plate -(zn) w.93 mm		
017	C00077160				freezer shelf no-frost		
018	C00086388			1 x C00087418	frz front/flap upper 414x162x25		
019	C00041957				rh freezer flap hinge (63x13mm) -		
020	C00041958				lh freezer flap hinge (63x13mm) -		
021	C00075195				trim (406x19x16.5mm) white		
022	C00089762				central basket - white 401x152x3		
023	C00086400			1 x C00093411	ice cubes conteiner (wxh 303x54)		
024	C00086389			1 x C00283721	freezer drawer front/flap clear		
025	C00089763				lower basket (wxh) 401x152x209		
026	C00043837				rh evaporator plate support - white		
027	C00014612				plastic expansion rivet		

52220f0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
028	C00043838				lh evaporator plate support - white		
029	C00081912			1 x C00280400	winechill ergobucket		
030	C00075172			1 x C00144439	base white w.538		
031	C00032099				hinge pin - top/lower m8x26 zncr		
032	C00046893			1 x C00194606	hinge lower lh/rh - white		
033	C00021590			1 x C00282185	side filler strip-pvc adhesive		
034	C00045965				cleaner/plug 6x120-defrost		
099	C00076894			1 x C00113975	kit krf310 d/s	n1030084	
099	C00113975				installation kit - plastic		

52221L0 Exploded views



52221L0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00042743			1 x C00141802	door seal (fridge) 530x1017 p900-		47270400200 47270400300 47272740200 47272740300
002	C00046890				square hinge bush rh (25x25) -		47270400200 47270400300 47272740200 47272740300
002	C00046891				square hinge bush lh (25x25) -		47270400200 47270400300 47272740200 47272740300
003	C00041990				plastic washer (12x6.1x4mm) -		47270400200 47270400300 47272740200 47272740300
004	C00086376			1 x C00087291	fridge door assy. 534x1026x23 -		47270400200 47270400300 47272740200 47272740300
004	C00086427				fridge door assy. 534x1112x23 -		47270400200 47270400300 47272740200 47272740300
004	C00087291				fridge door - white		47270400200 47270400300 47272740200 47272740300
005	C00021258			1 x C00113698 1 x C00113700	slide door rail short(wood door	n1030084	47270400200 47270400300 47272740200 47272740300
005	C00113700				guide slide door rail short nylo		47270400200 47270400300 47272740200

52221L0 Spare parts list

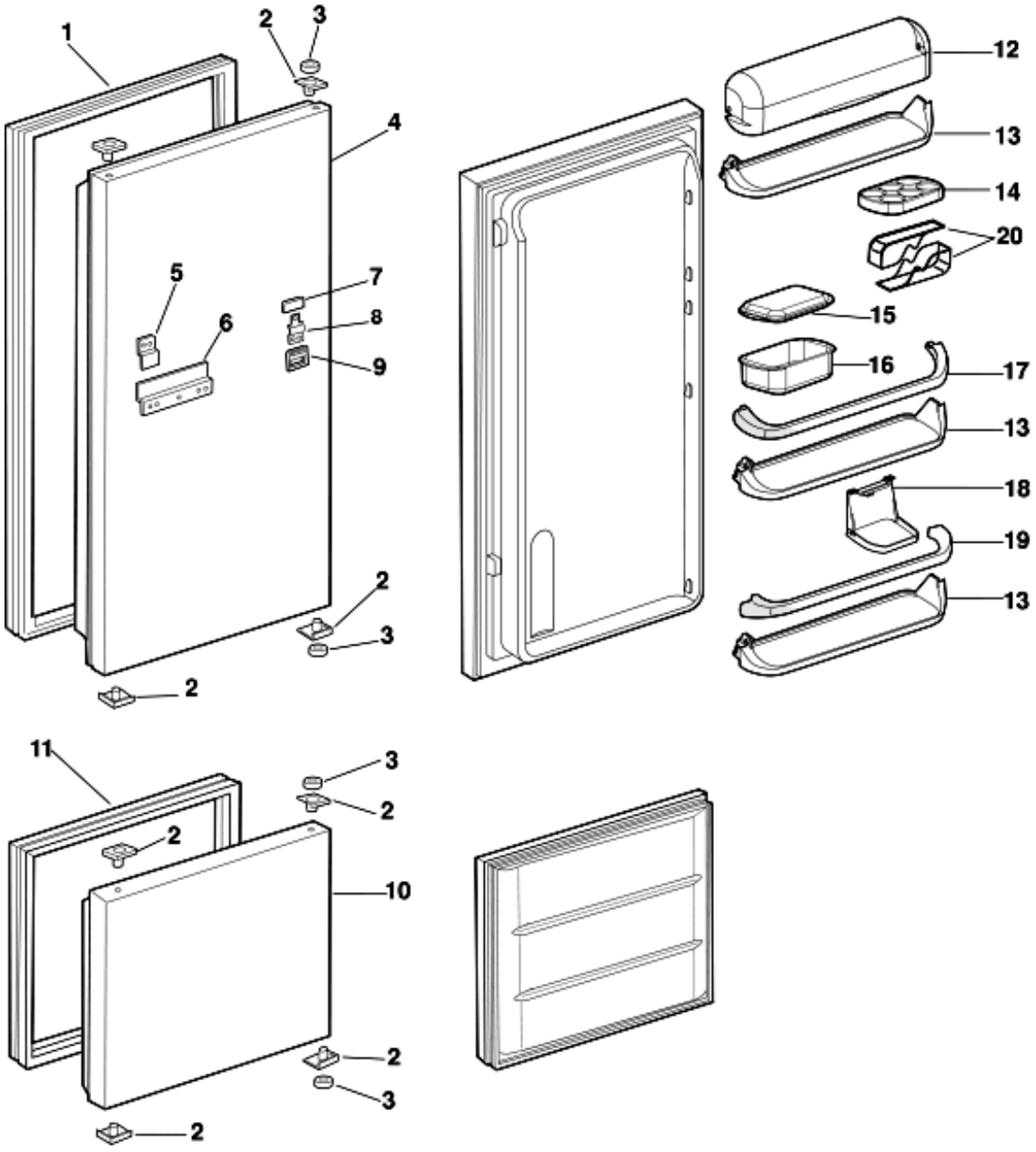
Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
006	C00021259			1 x C00113698	slide door rail long(wood door	n1030084	47270400200
				1 x C00113700			47270400300
							47272740200
							47272740300
006	C00113698				slide door rail long(wood door		47270400200
							47270400300
							47272740200
							47272740300
010	C00075161				freezer door assy. 534x605x23 -		47270400200
							47270400300
							47272740200
							47272740300
011	C00038772			1 x C00141810	seal - freezer door white 530x593		47270400200
							47270400300
							47272740200
							47272740300
012	C00089086		10123...	1 x C00094621	hinged box cover (w.443) clear		47270400200
							47270400300
							47272740200
							47272740300
013	C00081953				eggs tray (6) (152x95x20) cristal		47270400200
							47270400300
							47272740200
							47272740300
015	C00086419		01219...	1 x C00283448	butter box lid (180x92) blue		47270400200
							47270400300
							47272740200
							47272740300
015	C00283447	01220...			butter box (152x50x93mm)		
015	C00283448	01220...			butter box lid (180x92) transp.		
016	C00086418		01219...	1 x C00283447	butter box (152x50x93mm) blue		47270400200
							47270400300
							47272740200
							47272740300
016	C00195567		10123...	1 x C00283254	central shelf kit	n3010j01	47270400200

52221L0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
016	C00283224	10124...			rail for door shelf - crystal - 410	n3010j01	
016	C00283254	10124...			central shelf kit crystal	n3010j01	
017	C00087262			1 x C00090982	door shelf set		47270400200
							47270400300
							47272740200
							47272740300
018	C00089088		10123...	1 x C00283235	bottle shelf white (w 410mm)	n3010j01	47270400200
							47270400300
							47272740200
							47272740300
018	C00145578		10123...	1 x C00283225	bottle shelf	n3010j01	47270400200
							47270400300
							47272740200
							47272740300
018	C00283235	10124...			bottle shelf white/crystal (w	n3010j01	
020	C00283225	10124...			kit bottle shelf cristal (w 410mm)	n3010j01	

52221e0 Exploded views

Matr. 11122.0002



52221e0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00042743			1 x C00141802	door seal (fridge) 530x1017 p900-	0522067	47270400000 47270400100 47272740000 47272740100
002	C00046890				square hinge bush rh (25x25) -		47270400000 47270400100 47272740000 47272740100
002	C00046891				square hinge bush lh (25x25) -		47270400000 47270400100 47272740000 47272740100
003	C00041990				plastic washer (12x6.1x4mm) -		47270400000 47270400100 47272740000 47272740100
004	C00086376			1 x C00087291	fridge door assy. 534x1026x23 -	0522067 n1025120 n1030061	47270400000 47270400100 47272740000 47272740100
004	C00087291				fridge door - white	n1025120	47270400000 47270400100 47272740000 47272740100
005	C00021258			1 x C00113698 1 x C00113700	slide door rail short(wood door	n1030084	47270400000 47270400100 47272740000 47272740100
005	C00113700	41002...			guide slide door rail short nylo		47270400000 47270400100 47272740000 47272740100
006	C00021259			1 x C00113698 1 x C00113700	slide door rail long(wood door	n1030084	47270400000 47270400100 47272740000

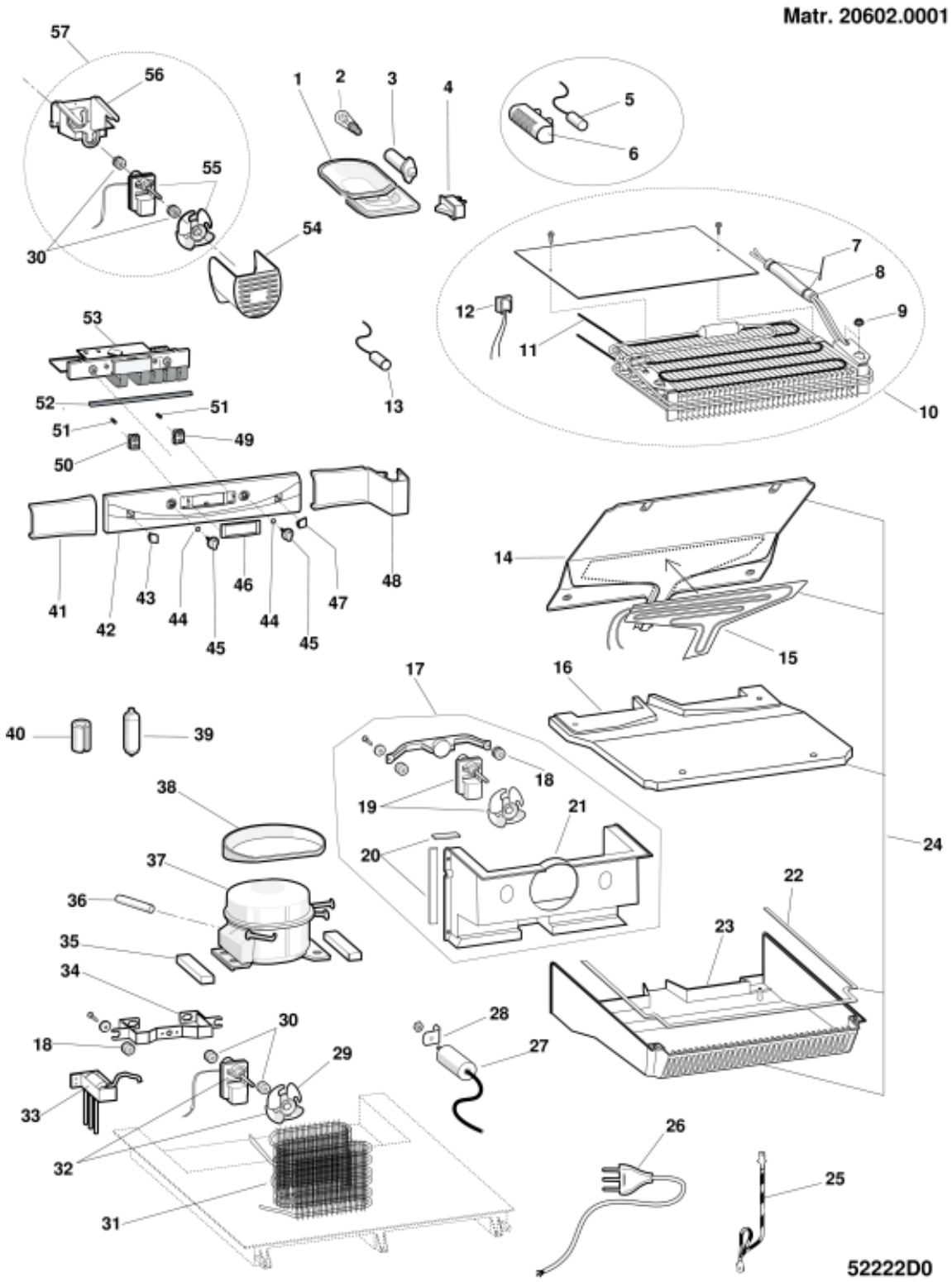
52221e0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
006	C00113698	41002...			slide door rail long(wood door		47270400000 47270400100 47272740000 47272740100
010	C00075161				freezer door assy. 534x605x23 -		47270400000 47270400100 47272740000 47272740100
011	C00038772			1 x C00141810	seal - freezer door white 530x593		47270400000 47270400100 47272740000 47272740100
012	C00089086		10123...	1 x C00094621	hinged box cover (w.443) clear		47270400000 47270400100 47272740000 47272740100
012	C00283224	10124...			rail for door shelf - crystal - 410	n3010j01	
013	C00089093				door shelf 443x70x104mm white		47270400000 47270400100 47272740000 47272740100
014	C00081953				eggs tray (6) (152x95x20) cristal		47270400000 47270400100 47272740000 47272740100
015	C00086419		01219...	1 x C00283448	butter box lid (180x92) blue		47270400000 47270400100 47272740000 47272740100
015	C00283448	01220...			butter box lid (180x92) transp.		
016	C00086418		01219...	1 x C00283447	butter box (152x50x93mm) blue		47270400000 47270400100 47272740000 47272740100
016	C00283447	01220...			butter box (152x50x93mm)		

52221e0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
017	C00089089				central door shelf rail		47270400000
							47270400100
							47272740000
							47272740100
018	C00087262			1 x C00090982	door shelf set		47270400000
							47270400100
							47272740000
							47272740100
019	C00089090				bottle door shelf rail		47270400000

52222d0 Exploded views



52222d0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00054000				lamp box		
002	C00006522				lamp 15w (e14)		
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	C00064772				probe browne l.160 mm molex	n1030020	
006	C00030633				white small cover thermostat bi-	n1030064	
007	C00042933				strip fas. 20x0771-1100		
008	C00011409				armaflex pipe (ts 06x12)		
009	C00007225				plastic expansion rivet		
010	C00089760				set freezer evaporator r134a	n1030070	
010	C00098861		71118...	1 x C00260714	set freezer evaporator(amp) r134a		
010	C00260714	71119...			set freezer evaporator(amp) r134a		
011	C00077122			1 x C00084493	no-frostevap.resis.135w 240v	n1030070	
011	C00098866		71118...		no-frost evap.resis.135w 240v		
011	C00260719	71119...			no-frost evap.resis.135w 240v		
012	C00077121			1 x C00084493	fuse-m 12a 72°c 220v molex	n1030070	
012	C00094665		71118...	1 x C00196989	fuse-m tf0410012 72°c 220v(amp		
012	C00196989	71119...	81118...		fuse-m tf0410012 72°c 220v(amp		
012	C00266868	81119...			thermofuse 72°c (w.520)		
013	C00064773			1 x C00064774	probe white l.1200 mm	n1030020	
015	C00077128				defrosting gutter resist. 29,7w	n1030070	
015	C00098857				defrosting gutter resist. 29,7w		
017	C00077153				set air conveyor (molex)	n1030070	
017	C00098864				set air conveyor(amp) krf310vnfe		
018	C00046806				rubber anti shock bush - fan motor		
019	C00077133				fan-motor 220-240/50-60	n1030070	
019	C00098863				set fan-motor 220-240/50-60		
020	C00026652				adhesive sponge seal (7x610x4)		
022	C00077129				adhesive sponge seal (hxlxsp)		
024	C00077157				set shell freezer separator nf	n1030070	
024	C00098865				set shell freezer separator nf (amp)		
026	C00008598				mains supply cable 3x0,75		
027	C00090222			1 x C00144815	capacitor 4mf (ducati)		47270400100

52222d0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
030	C00025215				rubber mounting for fan motor		
031	C00075184				armco condenser ventilated		
032	C00075186				fan motor - c09r1845 220-240/50-		
033	C00076015			1 x C00093890	electrov.3-way bitron368 240/50	n1030057	
033	C00093890				electrov.3-way bitron510 240/50		
034	C00075185				plate clamp fan motor fixingset		
035	C00032453				rubber shock absorber -		47270400100
							47270400200
							47270400300
							47272740100
							47272740200
							47272740300
035	C00057840				rubber shock absorber		
036	C00042354				charging pipe 6x90 mm r134a		
037	C00058964			1 x C00144744	comp nly6f 220-240/50		47270400100
							47270400200
							47270400300
							47272740100
							47272740200
							47272740300
037	C00082370			1 x C00099801	comp. tecum tw1374ys 220-		47270400000
							47272740000
038	C00046376				defrost tray (stick on) 215x148x25		
039	C00064790			1 x C00290451	filter gr.12 (d.4,8/d.4,2 mm) gas		
039	C00078983				filter gr.12 (d.4,8/d.3,2 mm) gas	n1030057	
041	C00075170				side fascia strip - white		
042	C00089812				dashboardmoulding control		
043	C00088522				base cap lh white		
044	C00064775				gasket oring dia=11/8 mm		
045	C00088523			1 x C00293386	temperature control knob - white		
046	C00088527				white display control panel 77x22		
047	C00088521				base cap rh white		
048	C00075169				hinge cover - white wxh		
049	C00088525				pushbutton white display right		
050	C00088526				pushbutton white display left		

52222d0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
051	C00088528				key spring (di. 3,7x9,5)		
052	C00089496				sponge(280x5x5)		
053	C00089759			1 x C00098024	card	n1030060 n1030064	
053	C00098024			1 x C00143091	card micropr.(magnetek	n1030060	47270400000 47272740000
054	C00076025			1 x C00856121	cover - fan motor turbocooling		
055	C00076024				fan-motor c09r1907 220-240v	n1030072	
056	C00076026				bracket - fan motor		
057	C00077159				set bracket - fan motor air	n1030072	

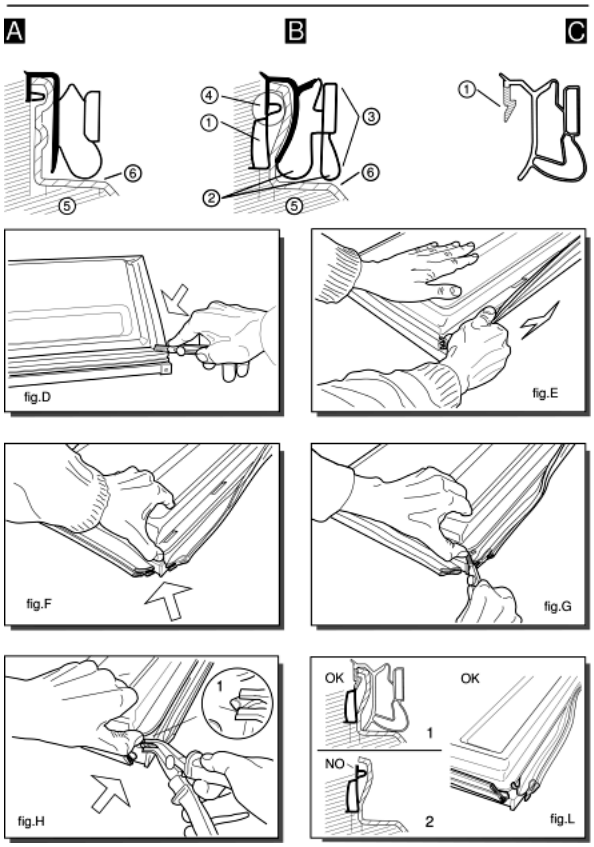
Notices

0522067: 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

n1025120: Modification of door shelves on fitted f

Since May 2002, the Carinaro factory has modified the moulds of the inner doors and door shelves on the new fitted range



(STYLE - ECO-CLASS).
The shelf attachment has been modified (angle from 15 to 6 degrees) on the fridge inner door and the light switch-off area improved.
The new refrigerator doors with 6-degree attachment are interchangeable with the previous versions but not vice versa, therefore, the door stocks in the main replacement parts warehouse will be cleared. The new items will be managed with the same code as the previous ones.
The base of the inner door shelves has been modified for the 6-degree attachment, whereas the profiles and flip-up lids have been modified to improve the connection to the base, and therefore also these are not interchangeable with the previous ones.
Stocks of the premodification door shelves will be maintained.

New items
089086 - TRANSP. SHELF FLIP-UP LID (L.443)HOLES D.8 MM
089087 - MIDDLE SHELF NEUTRAL-44(ECO) 410 MM
089088 - BOTTLE HOLDER 44-NEUTRAL (ECO) 410 MM
089089 - MIDDLE SHELF CHROMED(CLASS) 393 MM
089090 - BOTTLE HOLDER CHROMED(CLASS) 393 MM
089091 - UPPER SHELF/NEUTRAL WHITE(STYLE) 410/6°
089092 - BOTTLE HOLDER WHITE(STYLE) 410/6°
089093 - SHELF BASE WHITE(LXH 443X70X104/6°)

Replaced elements
086391 - TRANSP. SHELF FLIP-UP LID (L.443)HOLES D.8 MM
086405 - MIDDLE SHELF NEUTRAL 44(ECO) 410 MM
086417 - BOTTLE HOLDER 44-NEUTRAL (ECO) 410 MM
088517 - MIDDLE SHELF CHROMED(CLASS) 393 MM
088518 - BOTTLE HOLDER CHROMED(CLASS) 393 MM
086701 - UPPER SHELF/NEUTRAL WHITE(STYLE) 410/15°
086423 - BOTTLE HOLDER WHITE(STYLE) 410/15°
086393 - SHELF BASE WHITE(LXH 443X70X104/15°)

Refrigerator doors cleared

086376 - REFRIGERATOR DOOR B27/GMB/NEW01 534X1026X23(ECOTECH)
087291 - REFRIGERATOR DOOR B26/GMB/STYLE 534X1024X23
086577 - ASS. REFRIGERATOR DOOR B26/GB/ECOTECH 534X1145X23
087322 - REFRIGERATOR DOOR B26/GB/STYLE 534X1184X23
087175 - REFRIGERATOR DOOR WHITE(STYLE)571X590X17
086427 - REFRIGERATOR DOOR B27/GMB/NEW01 534X1112X23(ECOTECH)
087323 - REFRIGERATOR DOOR B26/GB/STYLE 534X839X23
088879 - REFRIGERATOR DOOR B26/GMB/STYLE 534X977X23
088880 - REFRIGERATOR DOOR B26/GMB/CLAS 534X1697X23

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).

n1030057: New Bitron-510 solenoid valve on combined refrigerator-freezers (Melano-Carinaro

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The Bitron-510 solenoid valve was already used in July 2001, for a short period of time, by the Melano production (see note N1030026). At that time, it was decided not to manage it as spare part in place of the Bitron/Elbi 368 item.
Now, seeing that it is being used in the Melano (November 2002) and Carinaro (March 2003) factories, it has been decided to

manage it as spare part, in place of Bitron/Elbi 368.
The Bitron-510 solenoid valve can also be fitted on premodification models using the KIT that includes the molecular filter.
The Bitron-510 solenoid valve used in the Melano factory is not interchangeable with the one used in the Carinaro factory because the tube bending is different.

For Melano, this modification affects Opera-60 Ariston combined refrigerator-freezers and the Indesit 2000-2002 range from serial no. 21111.0001; for Carinaro, it affects Ariston built-in combined refrigerator-freezers 2002 range, from serial no. 30323.000.

N.B. Please remember that the tube marked with adhesive tape is the one that must be connected to the capillary tube (marked with the varnish) of the refrigerator evaporator, whichever the type of solenoid valve used.

New parts (Melano)
078982 - 3-WAY SOLENOID VALVE BITRON510 220-240/50-60 R134A-R600A (KIT)
078983 - FILTER GR.12 (D.4.8/D.3.2 MM) GAS R134A

New parts (Carinaro)
093890 - 3-WAY SOLENOID VALVE BITRON510 220-240/50-60 R134A-R600A (KIT)
078983 - FILTER GR.12 (D.4.8/D.3.2 MM) GAS R134A
093899 - FILTER GR.12 (D.4.8/D.3.2 MM) GAS R600A

Parts replaced (Melano)
075616 - 3-WAY SOLENOID VALVE ELBI368 220-240/50-60 R134A-R600A
064790 - FILTER GR.12 (D.4.8/D.4.2 MM) GAS R134A

Parts replaced (Carinaro)
076015 - 3-WAY SOLENOID VALVE BITRON368 220-240/50-60 R134A-R600A (KIT)
064790 - FILTER GR.12 (D.4.8/D 4.2 MM) GAS R134A
088520 - FILTER GR.12 (D.4.8/D 4.2 MM) GAS R600A

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

n1030061: Standardisation of fridge door (H=1024) KDF240 /KRF3100

In July 2003 (serial no. 30728.0001) the Carinaro factory standardised the fridge door, 1024 mm high, (KDF240/BD240), also on all KRF3100 fridge-freezers, Ariston BCS311(2002 range) and Indesit INC3100G models, maintaining the specific styling of the inner door (style-eco-class or Giugiaro).
Previously, these models had a 1026 mm high door.
To compensate the 2 mm height difference, the upper hinge pin has been lengthened and a small bush (6 mm long) has been added to those (4 mm long) already fitted on the product.

New parts

097074 - UPPER HINGE PIN M8X7-23ZNCR
028951 - WHITE PLASTIC WASHER 12X6.1X6MM
110027 - WHITE BUSH DOOR (27X15X8) FOR PIN M8
087291 - FRIDGE DOOR B26/GMB/STYLE 534X1024X23
097577 - FRIDGE DOOR B26/GMB/GIUGIARO 534X1024X23

Parts replaced

057834 - UPPER HINGE PIN M8X7-20 ZNCR
057839 - WHITE BUSH DOOR (27X15X4,6) FOR PIN M8
086376 - FRIDGE DOOR B27/GMB/STYLE 534X1026X23
051783 - FRIDGE DOOR B26/GMB/GIUGIARO 534X1026X23

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)

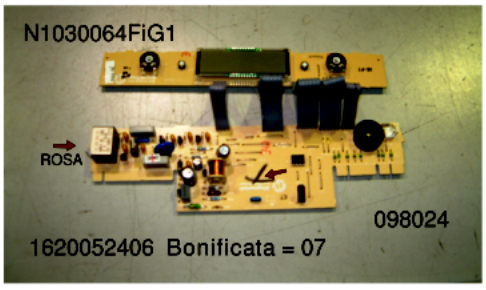
098025- 4082/white new = (143092 ROHS)

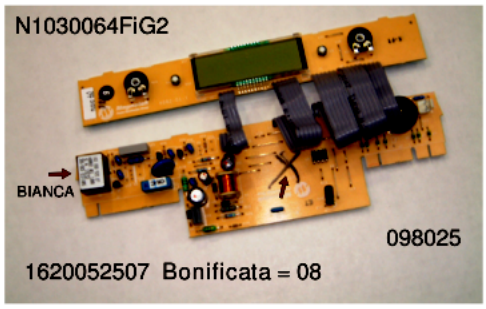
The previous cards, with colder settings, do not have any highlighted marks and continue to be managed with the same Sat code (089759 and 088529=143093 ROHS) and must only be used on models with fridge air sensor in forward position and complete with cage.
Also, card 16200084501 will be managed with 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.

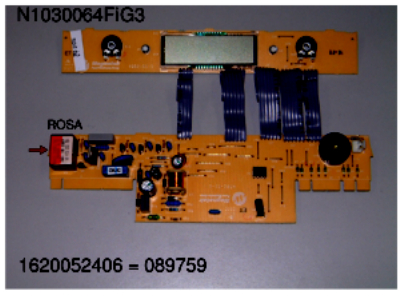
Since November, electronic cards, with warmer settings, give the code 16200052407 for 4083/PINK and 16200052508 for 4082/WHITE on the plate, and must only be used on models with fridge air sensor without cage and in the back position.

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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)



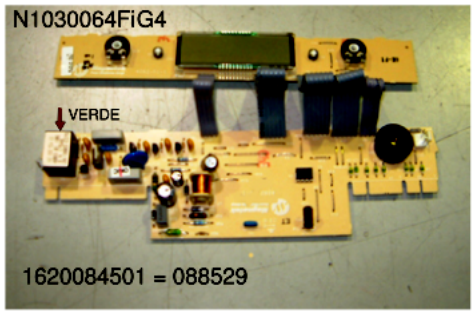




n1030070: New electrical connections (AMP) on built-in no-frost 310-330 litre fridge-freez

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In January 2004 (serial no. 40107.0001) the Carinaro factory replaced the Molex type electrical connections with the AMP ones



(not interchangeable) on built-in no-frost 310 and 330 litre fridge-freezers (Ariston 2000 range). Premodification items will continue to be managed until stocks last.

New parts

098861 - NO-FROST FREEZER EVAPORATOR (AMP) R134A
098866 - NO-FROST EVAPORATOR HEATING ELEMENT 116W 220V (AMP)
094665 - THERMAL FUSE TF041002 72°C 220V (AMP 4-WAY)
098857 - HEATING ELEMENT DRIP TRAY 25W 220V (AMP)
098863 - FAN UNIT C09R1841 220-240/50-60 (AMP)
098865 - COMPLETE NF FREEZER SEPARATOR SHELL (AMP)
098864 - COMPLETE AIR MANIFOLD (AMP)

Parts replaced

089760 - NO-FROST FREEZER EVAPORATOR (MOLEX) R134A
077121 - THERMAL FUSE 12A -72°C 220V (MOLEX)
077122 - NO-FROST EVAPORATOR HEATING ELEMENT 116W 220V (MOLEX)
077128 - DRIP TRAY HEATING ELEMENT 25W 220V (MOLEX)
077133 - FAN UNIT C09R1841 220-240/50-60 (MOLEX)
077157- COMPLETE NF FREEZER SEPARATOR SHELL (MOLEX)
077153 - COMPLETE AIR MANIFOLD (MOLEX)

n1030072: New 220-240V /50-60 Hz fan unit C09R1907 (KIT 077159 and 081971) Carinaro

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At the end of March 2004 the Carinaro factory replaced the fan unit in kit 077159.
The new fan unit (C09R1907) differs from the previous one (C09R1846) in the rpm reduction from 2290 to 2000, 3.5 Watt power, Class B, 220-240V/50-60 Hz voltage and faston connectors (6.3x0.8 mm) remain the same.
This modification will also be extended to the Melano and Setubal factories for Kit 081971.
The new fan unit will be managed with the same Service code as the previous one (076024), once the stocks of the latter run out; the same will also be done for Kits 077159 and 081971.

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

n1030084: New sliding blocks for fixing the furniture door to the refrigerator door

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Since October 2004, the Carinaro factory has been using new sliding blocks for fixing the furniture door to the refrigerator door.
The new items are fixed to the side of the refrigerator door, whereas the previous ones were fixed to the front.
The doors are no longer provided with sixteen 2.6 mm holes on the front for fixing the old slides.
The new sliding blocks can also be fitted on premodification models. Proceed as shown in the attached figure (N1030084fig.1).
When replacing the sliding blocks on premodification models it will necessary to replace both guides.
This modification has involved changing the installation KITS

NB - Door spare part codes have not been changed.

New parts

113698 - LARGE NYLON HOLDER SLIDE
113700 - NYLON HOLDER SLIDING GUIDE

Installation kit (models with plastic slides)

C00113967 - REFRIGERATOR INSTALLATION KIT INC. 2/P 290L (10/2004)
C00113968 - REFRIGERATOR INSTALLATION KIT INC. 2/P 290L (10/2004)
C00113970 - REFRIGERATOR INSTALLATION KIT INC. 2/P 240L (10/2004)
C00113971 - FREEZER INSTALLATION KIT INC 1/P 200L (10/2004)
C00113973 - FREEZER INSTALLATION KIT INC 1/P 140L (10/2004)
C00113974 - REFRIGERATOR INSTALLATION KIT INC. 1/P 130L 10/2004)
C00113975 - FREEZER INSTALLATION KIT INC. 2/P 300/330L (10/2004)
C00113977 - REFRIGERATOR INSTALLATION KIT INC.1/P 230L (10/2004)
C00113979 - REFRIGERATOR INSTALLATION KIT INC.1/P 160L (10/2004)
C00113985 - FREEZER INSTALLATION KIT INC 2/P 300L (10/2004)
C00113986 - FREEZER INSTALLATION KIT INC 2/P 300L (10/2004)
C00113987 - FREEZER INSTALLATION KIT INC 2/P 240L (10/2004)
C00113988 - REFRIGERATOR INSTALLATION KIT INC.1/P 300L (10/2004)
C00113989 - REFRIGERATOR INSTALLATION KIT INC.1/P 300L (10/2004)

Parts replaced

021258 - SMALL WHITE SLIDE + COVER
021259 - WHITE SLIDE

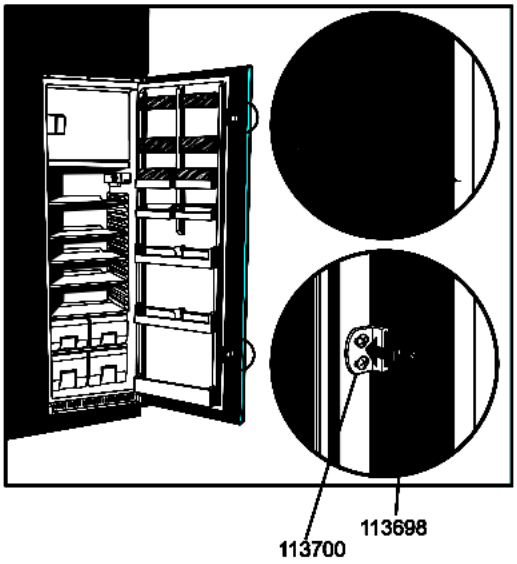
Installation kit (models with metal slides)

C00086715 - REFRIGERATOR INSTALLATION KIT INC. 2/P 290L
C00098073 - REFRIGERATOR INSTALLATION KIT INC. 2/P 290L
C00087316 - REFRIGERATOR INSTALLATION KIT INC. 2/P 240L
C00076894 - FREEZER INSTALLATION KIT INC 2/P 300/330L
C00091094 - FREEZER INSTALLATION KIT INC 2/P 330L
C00087359 - FREEZER INSTALLATION KIT INC 1/P 140-200L
C00087359 - REFRIGERATOR INSTALLATION KIT INC 1/P 130L
C00087359 - REFRIGERATOR INSTALLATION KIT INC.1/P 230L
C00087359 - REFRIGERATOR INSTALLATION KIT INC.1/P 160L
C00084964 - FREEZER INSTALLATION KIT INC 2/P 300L
C00090106 - FREEZER INSTALLATION KIT INC 2/P 240L
C00089574 - REFRIGERATOR INSTALLATION KIT INC.1/P 300L

n1030100: New fixing bracket for combined 310-330 litre built-in models (Carinaro)

Since January 2006 (s/n 60123.0001) the fixing bracket, fitted on the cabinet, has been modified to strengthen the top hinge pin area.
The modification consists of having replaced the plastic bush with a threaded metal bushing (12x15) welded to the fixing bracket.
The new fixing bracket can also be fitted on premodification models.

N130084FIG1



New parts

144558 - HINGE-M8 FIXING BRACKET WHITE (LXDXH 540X90X22)

Parts replaced

075191 - HINGE-FIXING BRACKET WHITE (LXLXH)540X90X22
057839 - WHITE BUSH (27X15X4.6) FOR PIN M8
110027 - WHITE BUSH 27X15X8) FOR PIN M8

n2511b03: COLOR CHANGE BUTTER BOX AND COVER

Only transparent will be managed

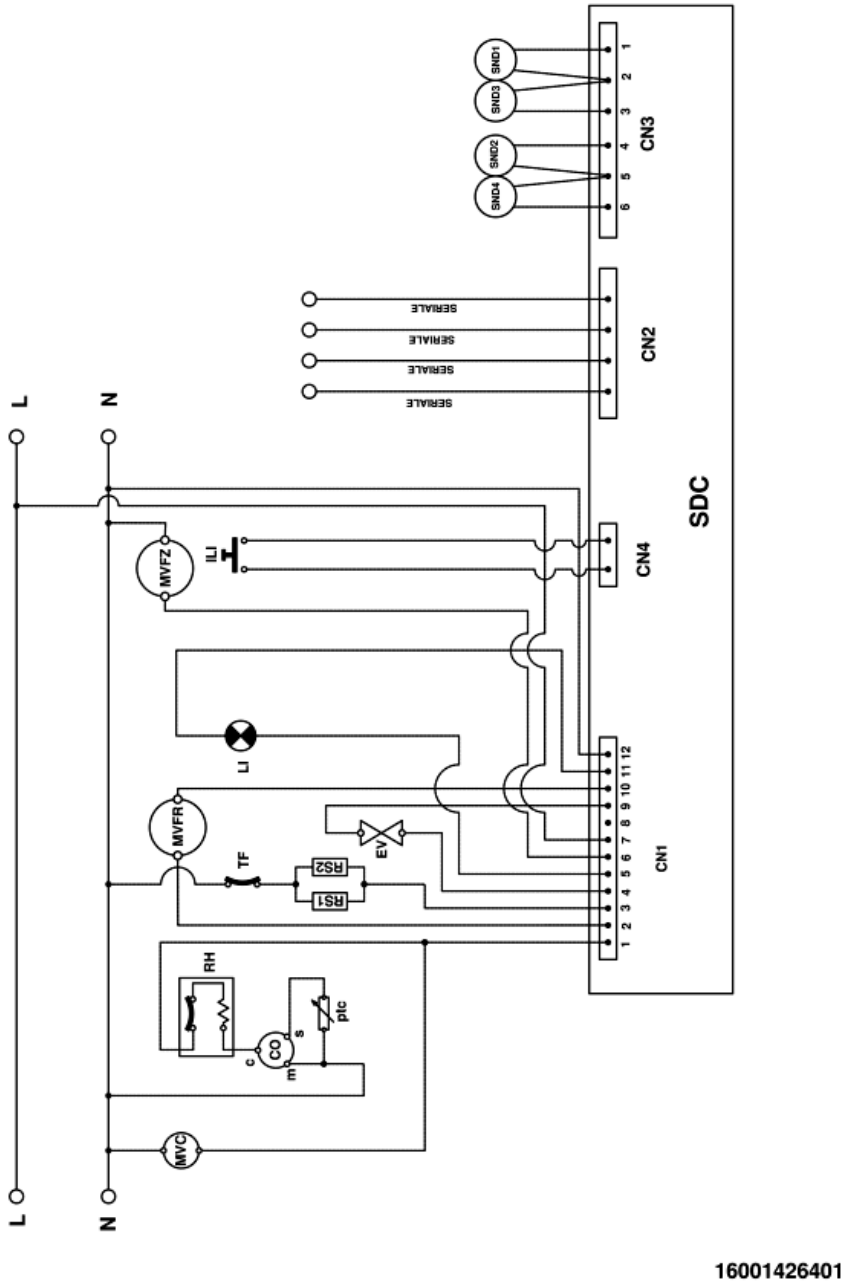
n3010j01: Colour Change of Internal Accessories

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. 16001426401



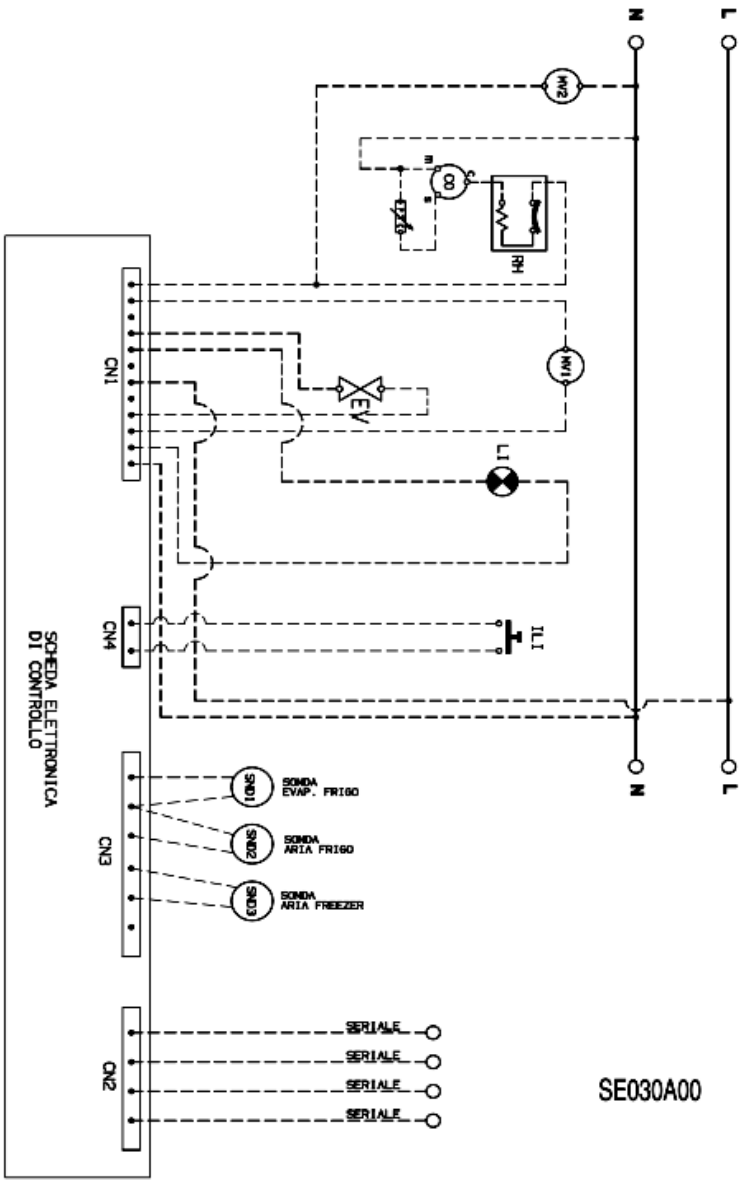
Legend

Legend: 16001426401

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

Electric schemes and links

Cod. SE030A00



Legend

Legend: SE030A00