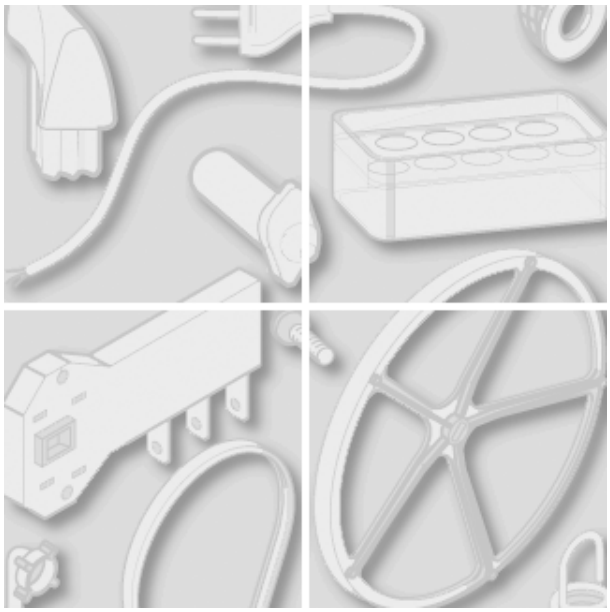
INDESIT company



Model type:
BC312AIEU

Commercial code:
F026852

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:

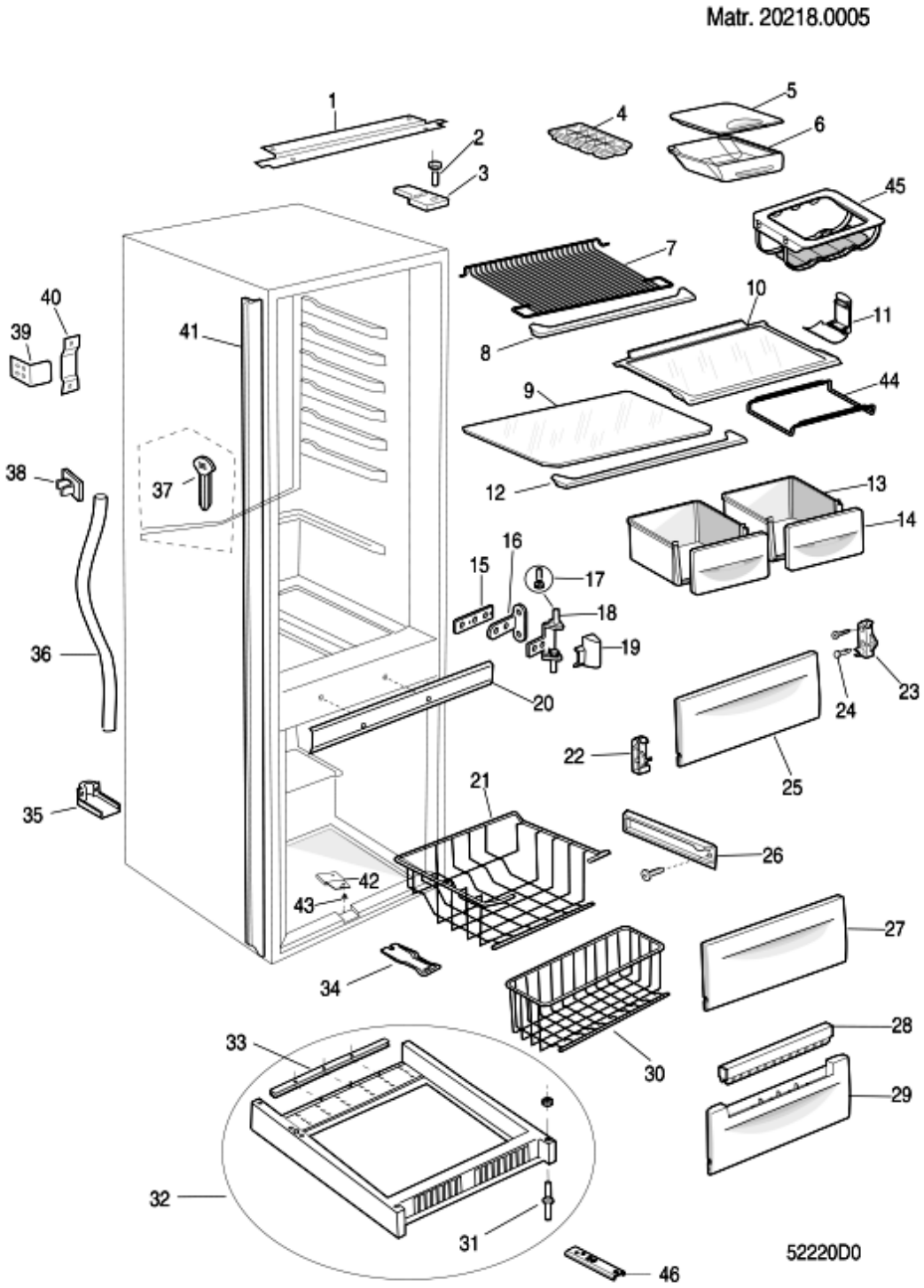
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

52220d0 Exploded views



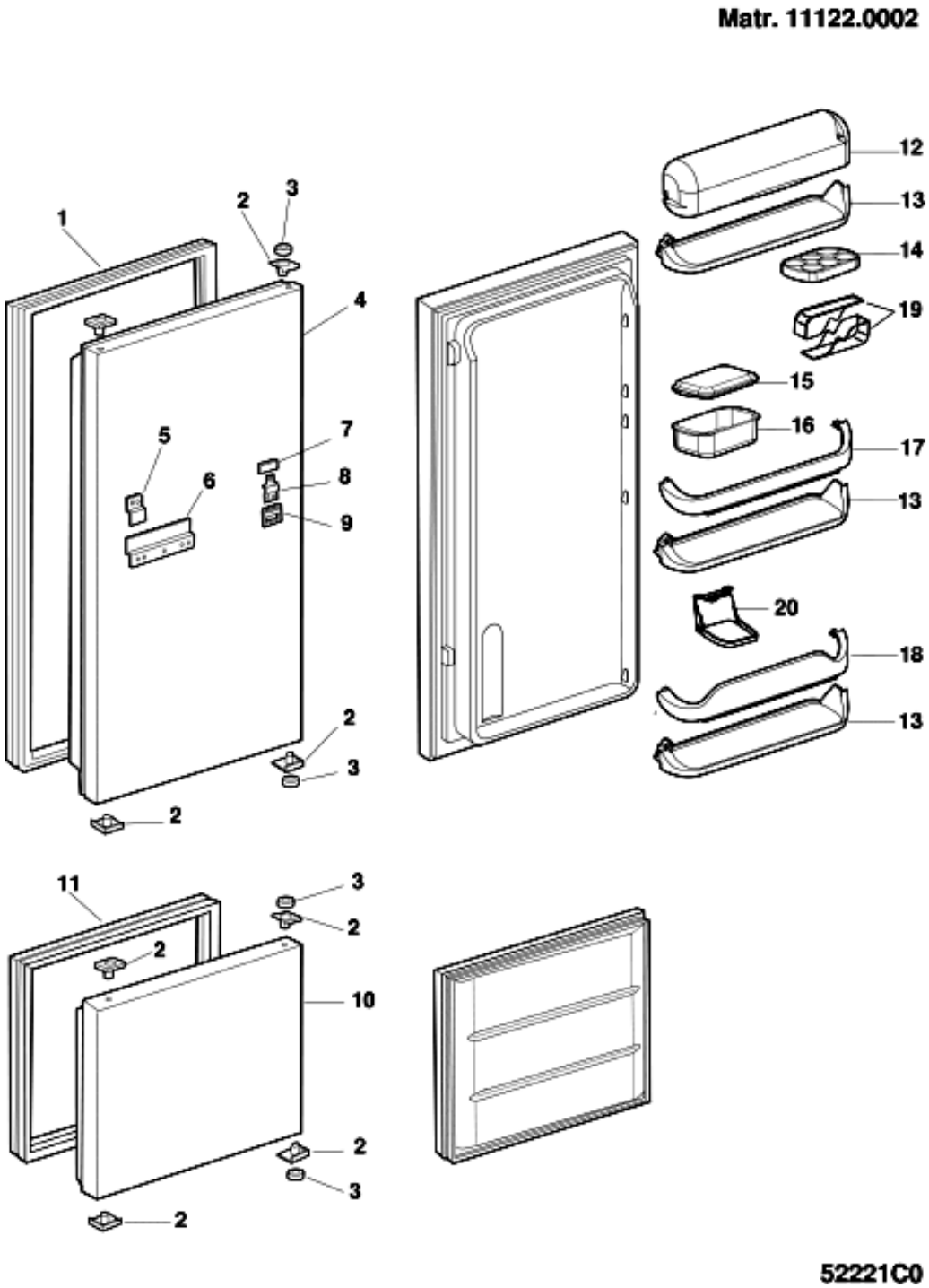
52220d0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00043769				installation instructions		
000	C00076029				installtion instructions uk		
000	C00088327				user instructions bookletes		47268520000
							47268520100
							47268520101
							47268520102
000	C00142349				user instructions bookletes		47268520201
001	C00043823				upper front covering trim 16mm -		
002	C00032099				hinge pin - top/lower m8x26 zncr		
003	C00046893			1 x C00194606	hinge lower lh/rh - white		
005	C00086382				meat box cover (317x214mm)		
006	C00086381		10123...	1 x C00283755	meat box (309x215x98mm) - clear		
006	C00283755	10124...			meat box (309x215x98mm) -	n3010j01	
009	C00087321			1 x C00144426	crisper cover w=466x292x4		
010	C00143478			1 x C00254416	glass shelf (wxh) 470x303x14-		
011	C00081984				bottle rack side mounting		
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	C00041975				packing shim -"t" plate fixing		
016	C00022991				side fixing "t" plate - white		
017	C00017812			1 x C00032099	hinge pin (m8x5-20)		
018	C00046896			1 x C00264665	central hinge - white		
019	C00046895				hinge cover - white 'krf3100'		
020	C00034391				central fascia strip - white		
021	C00087669				central basket - white wxh		
022	C00041958				lh freezer flap hinge (63x13mm) -		
023	C00041957				rh freezer flap hinge (63x13mm) -		
024	C00014612				plastic expansion rivet		
025	C00086388			1 x C00087418	frz front/flap upper 414x162x25		
026	C00042177				basket slide rh - (288x35x9) -		
026	C00042178				basket slide lh (288x35x9) - white		
028	C00086400			1 x C00093411	ice cubes conteiner (wxh 303x54)		
029	C00086389			1 x C00283721	freezer drawer front/flap clear		

52220d0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
030	C00087670				lower basket 414x151x226 - white		
031	C00043382				hinge pin - upper,lower		
032	C00046892			1 x C00097287	base plinth (542x421x49) - white		
034	C00025370			1 x C00003261	ice scraper, white		
035	C00031182				defrost water hose connection		
036	C00031183			1 x C00282165	defrost water hose d.9,5x110 cm		
037	C00052485				defrost hole cleaner - (d.7x33mm)		
038	C00024984				pipe clamp - self adhesive		
039	C00021601				rear fixing angle bracket		
040	C00021602				rear clamp saddle - angle fixing		
041	C00021590			1 x C00282185	side filler strip-pvc adhesive		
042	C00075193				freezer drain-gasket white		47268520201
043	C00075194				clip fastex (54-1949-1100)		47268520201
046	C00046893		00124...	1 x C00194606	hinge lower lh/rh - white		
046	C00278082	00125...			hinge lower lh/rh - (zn)		
099	C00084964			1 x C00113985	kit built-in combi	n1030084	
099	C00088506			1 x C00091309	temp indicator	n1025118	47268520000 47268520100 47268520101 47268520102
099	C00113986				kit x built-in freezer 2-door		
099	C00118654			1 x C00091309	temp indicator ok @ 4°c		47268520201

52221c0 Exploded views



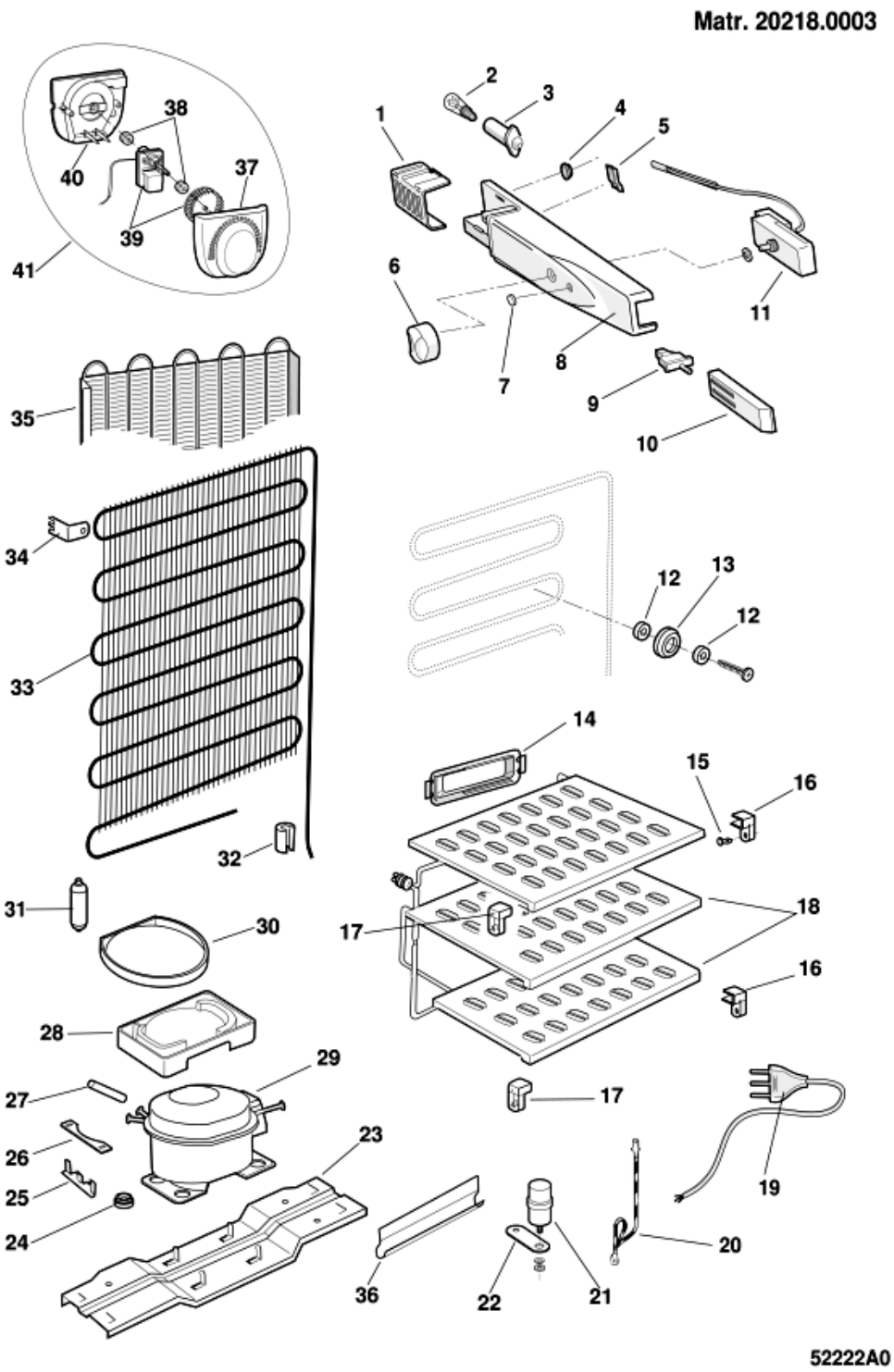
52221c0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00042743			1 x C00141802	door seal (fridge) 530x1017 p900-	0522067	
002	C00046890				square hinge bush rh (25x25) -		
002	C00046891				square hinge bush lh (25x25) -		
003	C00028951				plastic washer (12x6,1x6mm) -		
003	C00041990				plastic washer (12x6.1x4mm) -		
004	C00086376			1 x C00087291	fridge door assy. 534x1026x23 -	0522067 n1025120 n1030061	47268520000 47268520100
004	C00087291				fridge door - white	n1025120	
005	C00021258			1 x C00113698 1 x C00113700	slide door rail short(wood door	n1030084	47268520000 47268520100 47268520101 47268520102
005	C00113700	41002...			guide slide door rail short nylo		
006	C00021259			1 x C00113698 1 x C00113700	slide door rail long(wood door	n1030084	47268520000 47268520100 47268520101 47268520102
006	C00113698	41002...			slide door rail long(wood door		
007	C00024535				small cover handle - white		
008	C00024537				small door rail and support handle		
009	C00024536				small handle - white		
010	C00083210			1 x C00042182	complete white freezer door	0522067	
011	C00038772			1 x C00141810	seal - freezer door white 530x593	0522067	
012	C00086391			1 x C00089086	hinged box cover (w.443) clear	n1025120	47268520000
012	C00094621		10123...		hinged box cover (w.443) clear	n3010j01	
012	C00283224	10124...			rail for door shelf - crystal - 410	n3010j01	
013	C00086393			1 x C00089093	spacer shelf (443x70x104mm)	n1025120	47268520000
013	C00089093				door shelf 443x70x104mm white		
014	C00081953				eggs tray (6) (152x95x20) cristal		
015	C00086419		01219...	1 x C00283448	butter box lid (180x92) blue		
015	C00283448	01220...			butter box lid (180x92) transp.		
016	C00086418		01219...	1 x C00283447	butter box (152x50x93mm) blue		
016	C00283447	01220...			butter box (152x50x93mm)		
017	C00086405		10123...	1 x C00089087	44-neutral colour central	n1025120	47268520000

52221c0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
017	C00089087		10123...	1 x C00283224	central shelf - neutral - 410 mm	n3010j01	
017	C00283224	10124...			rail for door shelf - crystal - 410	n3010j01	
018	C00086417			1 x C00089088	white bottle shelf clear (eco)	n1025120	47268520000
018	C00089088		10123...	1 x C00283235	bottle shelf white (w 410mm)	n3010j01	
018	C00283235	10124...			bottle shelf white/crystal (w	n3010j01	

52222a0 Exploded views



52222a0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00048505				lamp cover (giugiaro)		
002	C00006522				lamp 15w (e14)		
003	C00066295				lamp-socket (vossloh) 250v e14		
004	C00007225				plastic expansion rivet		
005	C00009888				cable clamp		
006	C00086601				thermostat knob (centre post) -		
007	C00022048				blanking plug (10,6mm) - white		
008	C00066297			1 x C00142464	thermostat box b.27 giugiaro		
009	C00066294			1 x C00075585	lamp switch - n/c (eltek))		
010	C00066296				push-button light w.110 white		
011	C00042731			1 x C00038640	fridge thermostat (center post)		47268520000 47268520100
011	C00143427				thermostat 077b6584 c.post		47268520101 47268520102 47268520201
012	C00041042				seal (8x3,6x1,5) -thermostat		
013	C00043107				thermostat sensor disc fastex -		
014	C00048767				cover - connection box		
015	C00014612				plastic expansion rivet		
016	C00043837				rh evaporator plate support - white		
017	C00043838				lh evaporator plate support - white		
018	C00083187				freezer evaporator shelf alum.		
019	C00008598				mains supply cable 3x0,75		
020	C00042302				earth lead		
021	C00144806			1 x C00292607	starting capacitor 2,5mf (m8) rohs		47268520101 47268520201
021	C00144807				starting capacitor 4mf (ducati)		47268520000 47268520100
021	C00266589			1 x C00291503	capacitor ducati 4 mf (m8) p2-uk		47268520102
022	C00046312				capacitor fixing plate (750908)		
024	C00032453				rubber shock absorber -		
025	C00043734				plate clamp - 80x22 compressor		
026	C00008471			1 x C00193590	fixing plate - compressor (750908)		
027	C00008727				charging pipe without valve		
027	C00043021				service pipe with valve (6 nfmssv)		

52222a0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
029	C00083329			1 x C00078416	compressor asp. nbt1116y 220-		47268520000 47268520100
029	C00093414			1 x C00279861	com htk12aa220-240/501/4hp-		47268520101 47268520201
029	C00111924			1 x C00090322 1 x C00093414	compres. danfos nlx11kk 220-		47268520102
030	C00046376				defrost tray (stick on) 215x148x25		
031	C00045265			1 x C00266179	filter gr.12 (d.1,95/d.4 mm) gas		
032	C00037341				anti vibration rubber bush		
035	C00083321				condenser imat wxh 535x1300		

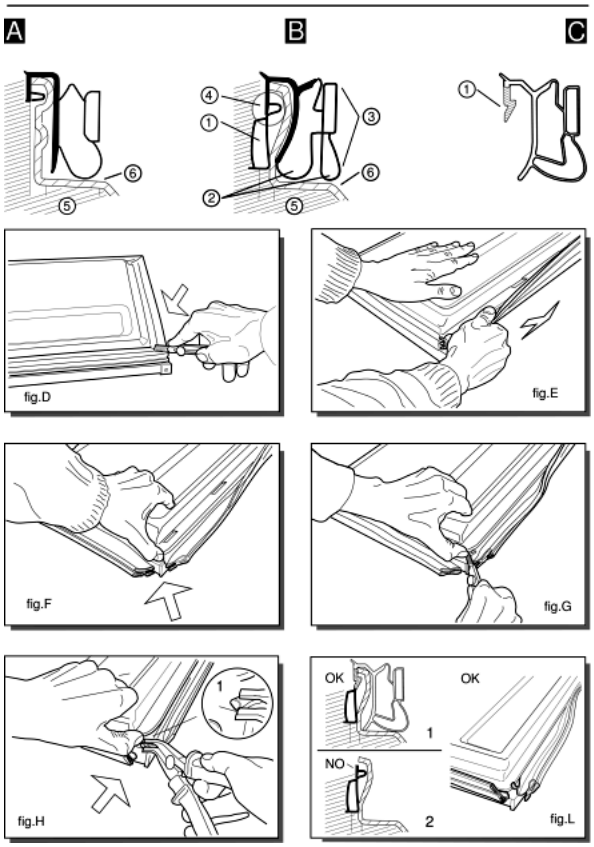
Notices

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

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

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

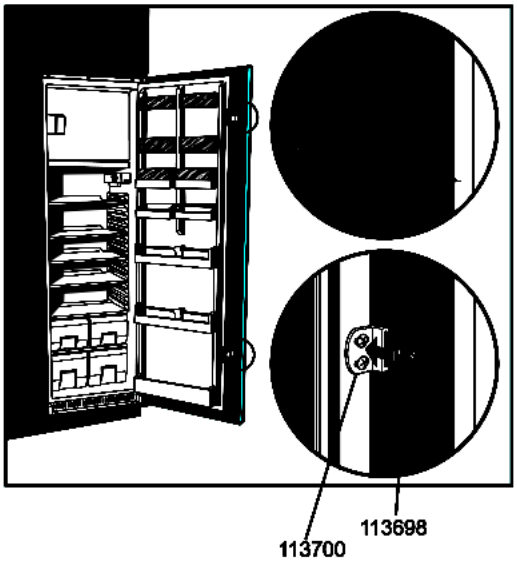
021258 - SMALL WHITE SLIDE + COVER
021259 - WHITE SLIDE

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

n2511b03: COLOR CHANGE BUTTER BOX AND COVER

N130084FIG1



Only transparent will be managed

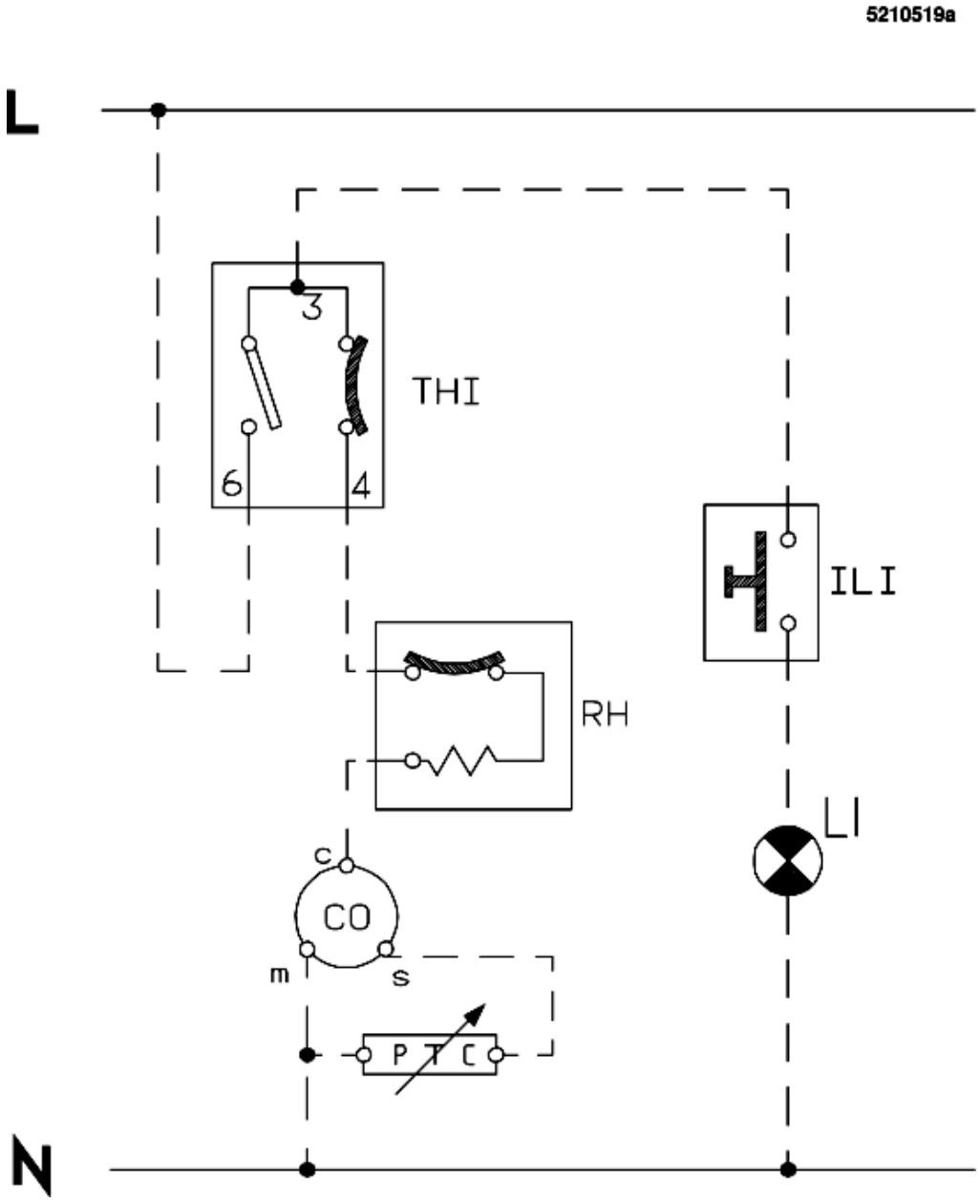
n3010j01: Colour Change of Internal Accessories

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. 522015b



Legend

Legend: 522015b

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