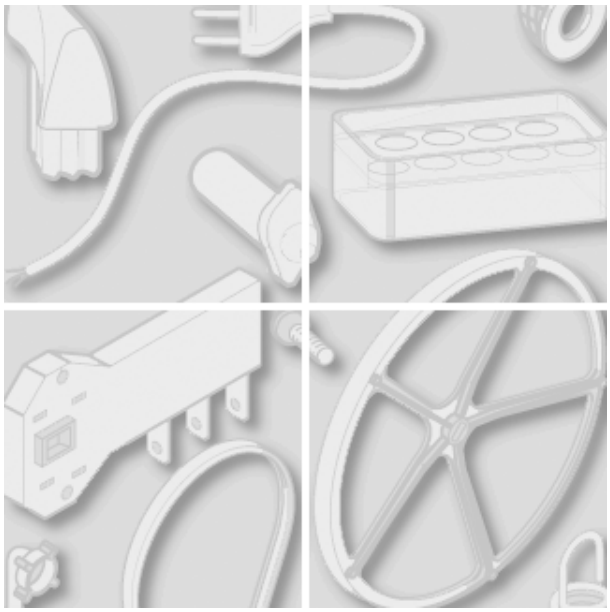
INDESIT company



Model type:
MBA45D1NF

Commercial code:
F028559

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:

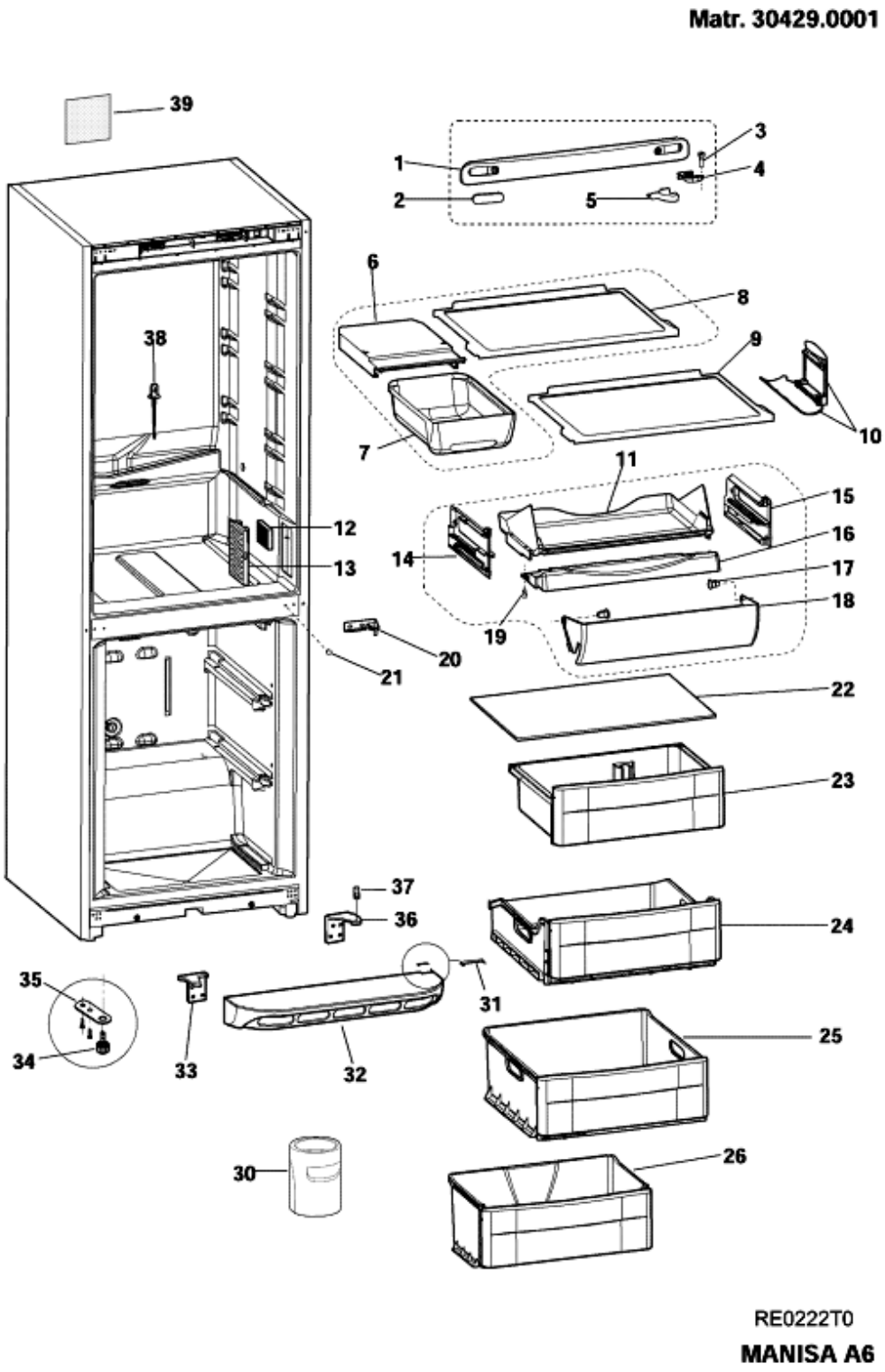
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

RE0222T0 Exploded views



RE0222T0 Spare parts list

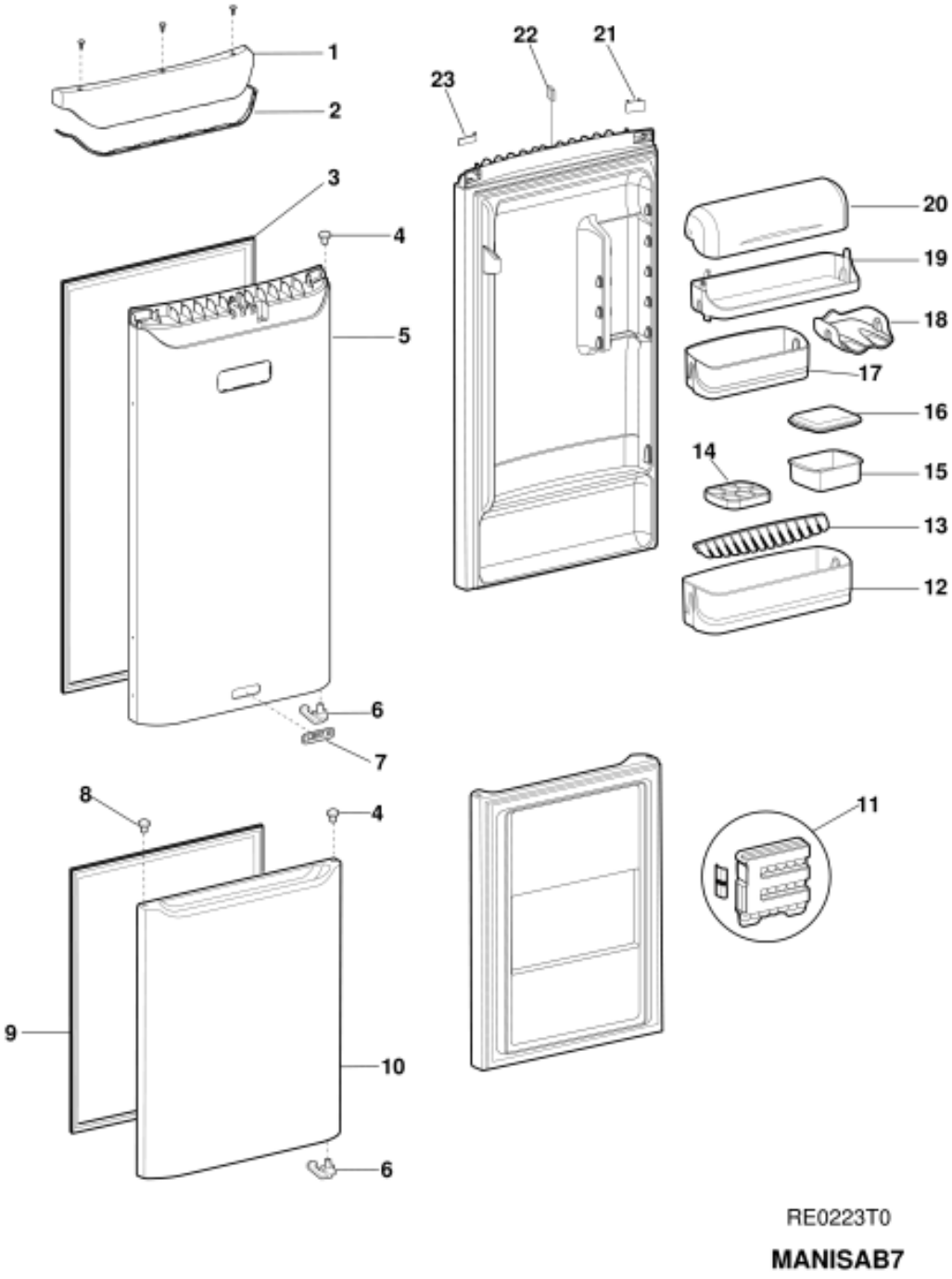
Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00095758			1 x C00097927	user instruction booklet		81285590000
							81285590100
001	C00118137				head panel mt400/450 mech pw	0999368	
001	C00174887			1 x C00118137	head panel mt400/450 mech white		
002	C00117114				head panel hole cover (without	0999368	
002	C00174589			1 x C00075561	head panel hole cover (with hole)		
003	C00174585			1 x C00291506	upper hinge pin r45		
003	C00174959			1 x C00081844	perno vfd		
				1 x C00087655			
004	C00098243				upper hinge (m8) lh cromed		
004	C00174898				upper hinge (m8) rh-lf cromed		
004	C00174960			1 x C00174898	upper hinge plastic dx		
004	C00174963			1 x C00098243	upper hinge plastic sx		
005	C00089855				upper hinge cover (plastic)		
005	C00112009				upper hinge cover sx vfd&enf	0999359	
005	C00112011		71017...	1 x C00271574	upper hinge cover rh vfd&enf		
005	C00174962				upper hinge covering plastic dx		
005	C00271574	71018...	91201...	1 x C00277668	upper hinge cover rh vfd&enf		
005	C00277668	91202...			upper hinge cover rh vfd&enf		
006	C00174923			1 x C00081962	meat box cover (glass shelf)		
007	C00174925				meat box l70 arst.		
008	C00174924				glass shelf (with slide) l70		
009	C00174920			1 x C00116356	glass shelf - fridge l70 arst		
011	C00095369				chiller box c 70 st		
012	C00094837		40523...		filter fridge 445x445x10 mm		
013	C00094429			1 x C00116362	cover air return rh white		
014	C00095427			1 x C00116977	fiancatina chiller ver lh		
015	C00095367			1 x C00116976	fiancatina chiller ver.rh		
016	C00095370			1 x C00116978	bracket for chiller box c70		
017	C00174928			1 x C00081982	pin for chiller cover arst		
018	C00174931				chiller box cover l70		
019	C00174932				screw chiller		
020	C00173211				middle hinge bottom pls.		
020	C00174698				central hinge painted - silver r45		
021	C00171411			1 x C00117115	screw covering pin		

RE0222T0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
022	C00095339				crisper glass		
023	C00097908			1 x C00116367	crisper ass. c70		
024	C00109580				super freeze upper basket assy		
025	C00109581				freezer middle basket assembly		
026	C00097910				lower freezer basket assembly		
030	C00174732			1 x C00081912	fridge for bottle (eutectic) manisa		
032	C00116947				kickplate - white		
032	C00174885			1 x C00116947	kick plate b27 l70 arst (white)	0999368	
034	C00089682				adjustable foot assy. white m8	0999357	
034	C00174376				foot- adjustable m8-white as from		
035	C00174377			1 x C00089682	bottom support adjustable foot		
036	C00110081				bottom hinge assembly r45 crom	0999357	
036	C00174583			1 x C00110081	lower hinge painted) white		
037	C00172138				hing pin / lower		
039	C00095754				wiring diagram mba45d1/45d2		
099	C00095808			1 x C00257596	vacuum kit (ariston)		

RE0223T0 Exploded views

Matr. 30418.0001



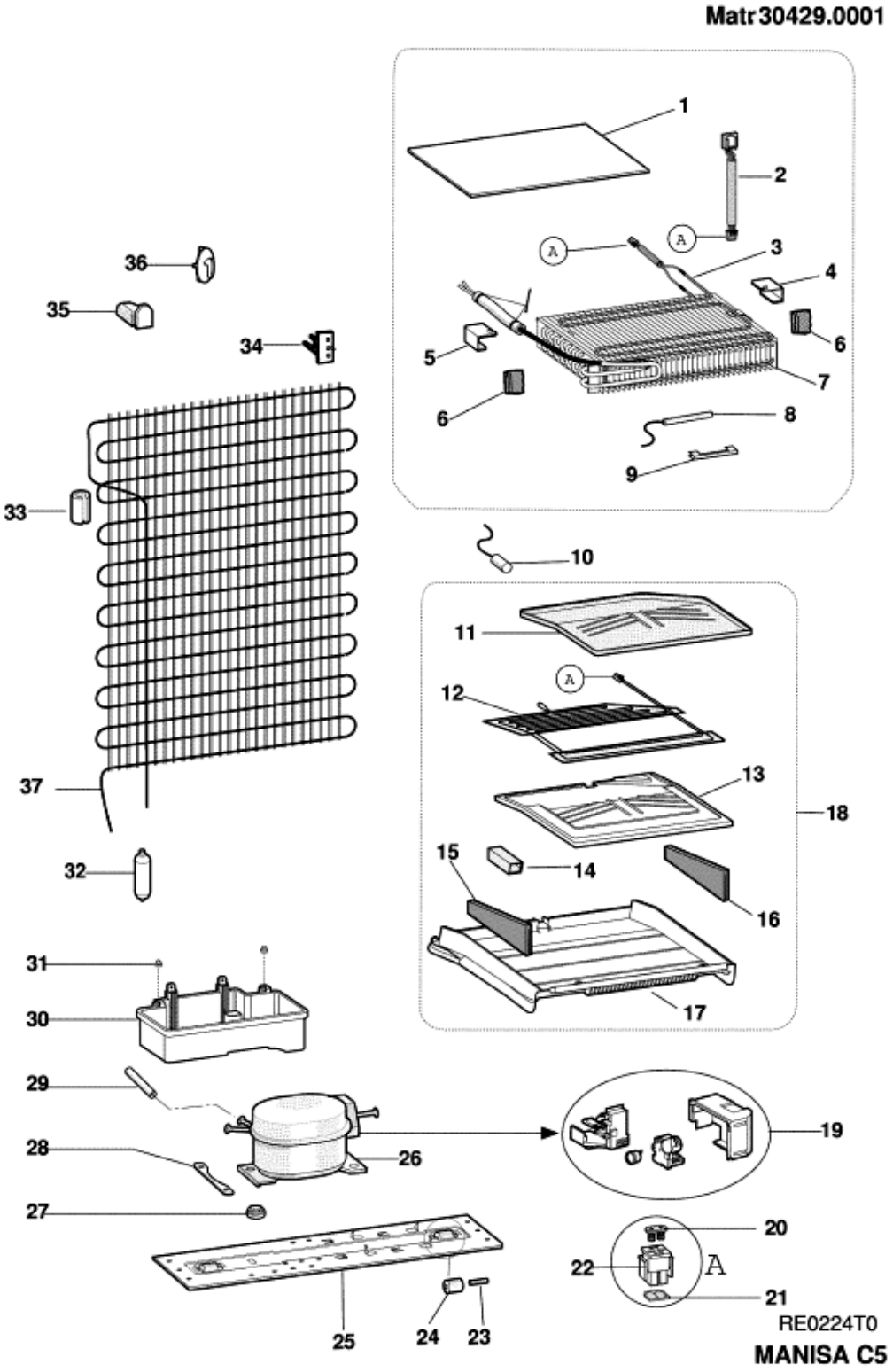
RE0223T0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00118064				upper door head panel white ar70	0999368	
001	C00174902			1 x C00118064	upper door head panel white ar70		
002	C00174950			1 x C00174903	upper door strip for panel		
				1 x C00174999			
003	C00095290			1 x C00116337	upper door seal c70 653x955		
003	C00116337				upper door seal c70 pw 653x955	0999368	
004	C00026353			1 x C00041216	hinge bush 1 mm - white		
005	C00095755			1 x C00117731	insulated upper door c70vfd b27		
005	C00117731				insulated upper door c70vfd pw	0999368	
006	C00098743			1 x C00110354	auto-locking left		
006	C00110354				closure aid left		
006	C00174572				upper door auto-locking right		
006	C00174573				closure aid right		
006	C00174574			1 x C00098743	lower door auto-locking left		
				1 x C00110354			
006	C00174575				upper door auto-locking left		
007	C00174906			1 x C00082002	logo (door) arst bianco		
008	C00172195			1 x C00045903	plug door handle white		
				1 x C00114784			
009	C00095299			1 x C00116339	lower door gasket		
009	C00116339				lower door gasket pw	0999368	
010	C00095309			1 x C00116942	lower door b27 mba45d1nf		
010	C00116942				lower door polar white c70		
011	C00174983				ice box		
011	C00174984				plug for ice box		
012	C00174914				bottle shelf		
013	C00174911			1 x C00081955	bottle holder l70 arst		
014	C00174910			1 x C00081953	egg holder (for 6 eggs) l70 arst		
015	C00174936			1 x C00081938	butter box (152x50x98) blue		
				1 x C00094298			
016	C00174935			1 x C00081938	butter box lid l70		
				1 x C00094298			
017	C00174913				door shelf middle		
018	C00174915				can shelf		
019	C00174912				upper shelf l70 arst		

RE0223T0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
020	C00174916				upper shelf cover		
021	C00174970			1 x C00117636	head panel cover plug b27 l70		
022	C00174949			1 x C00075612	magnet		

RE0224T0 Exploded views



RE0224T0 Spare parts list

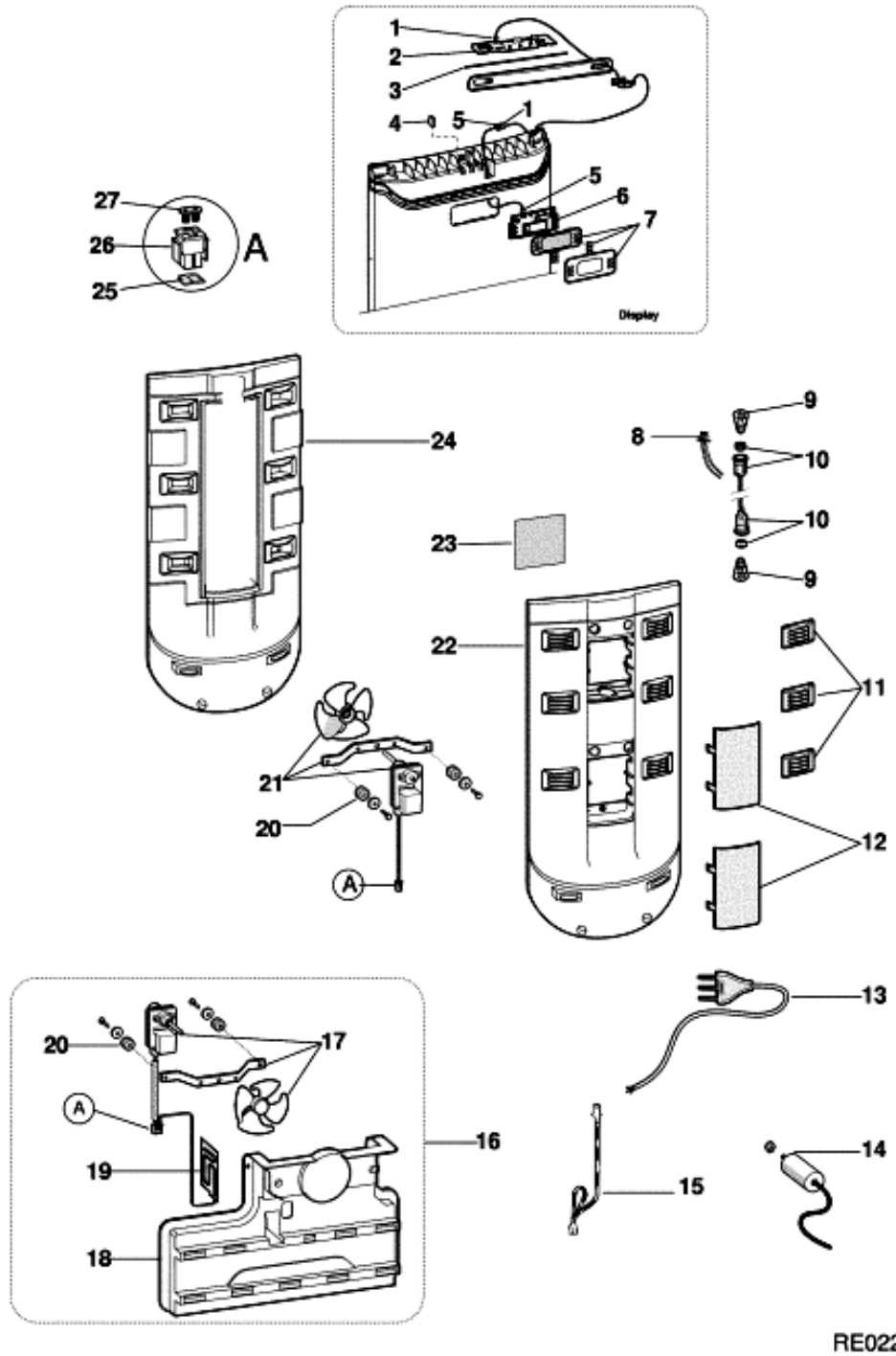
Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00095776				al plate 430*240 430x240		
002	C00094665		81118...	1 x C00196989	fuse-m tf0410012 72°c 220v(amp		
002	C00266868	81119...			thermofuse 72°c (w.520)		
003	C00095762				evaporator rezistance l70		
003	C00115199		81118...		defrost element 150w	0999364 0999376	
003	C00277167	81119...			evaporator rezistance l70 inarca		
004	C00094498				evaporator-nf back fixing plastic		
005	C00094500				evaporator-nf back fixing plastic		
006	C00094463				evaporator sponge seal		
007	C00095764				evap no-frost x l70 (r600)	0999364	
007	C00115198			1 x C00194710	evap aassembly no-frost x l70	0999364	
010	C00092208				probe service opera-70 2dig/vfd*1		
011	C00095771				frz. fin evap separator	0999342	
012	C00095774		81118...	1 x C00196999	defrosting gutter resist. 59,5w	0999344 0999376	
012	C00274736	81119...			defrosting gutter resist.		
013	C00095775				insulation separator		
014	C00095772				drain tube		
015	C00094468				separator sponge seal lh	0999376	
016	C00094467				separator sponge seal rh (250x26)	0999376	
017	C00095773			1 x C00116537	separator	0999343	
018	C00095770			1 x C00116536	separator assy. c70 nf		
019	C00089498			1 x C00144784	set terminal board zem - hyk12aa		81285590301 81285590401
019	C00093415			1 x C00144777	relay&thermal protector assm		81285590000 81285590100 81285590200 81285590300
023	C00172505				rear whell pin		
024	C00173702			1 x C00116366	rear wheel(450) r:1		
025	C00089676			1 x C00194052	compressor basement m700/175		
026	C00088519			1 x C00078416	compr. hyk12aa 220-240/50 1/4		81285590301 81285590401
026	C00093414			1 x C00279861	com htk12aa220-240/501/4hp-		81285590000

RE0224T0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
027	C00171620			1 x C00032453	compressor rubber buffer		
028	C00172143			1 x C00008471	fixing plate - compressor		
029	C00043021				service pipe with valve (6 nfmssv)		
029	C00173135		91022...		charging pipe (6x90x1)		
029	C00277029	91023...			charging pipe 6x0.71x115mm		
030	C00091975		60412...		dissipator tray 450/450nf		
030	C00145091	60412...			large dissipator tray		
031	C00172448				fixing plastic for thermostat box		
032	C00045265			1 x C00266179	filter gr.12 (d.1,95/d.4 mm) gas		
033	C00173185			1 x C00037341	anti-vibration rubber bush		
034	C00173493				condenser support etdf400-		
037	C00095778			1 x C00089661	condanser c70 nf		
099	C00141278			1 x C00028100	drain pipe end piece assembly	0999376	

RE0225T0 Exploded views

Matr. 30429.0001



RE0225T0

Manisa D2

RE0225T0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00174975				wiring harness l70 display l=780		
002	C00095779			1 x C00143693	main board magnetek 4087/green	n1030060 n1030081	
003	C00175005			1 x C00075629	sponge(5*5*350)		
004	C00174949			1 x C00075612	magnet		
005	C00093812				wiring fridge-door (display)		
006	C00095710				card display(fridge-door)		
007	C00095713			1 x C00115416	buttons cover white (display)		
007	C00095782			1 x C00117732	display cover assy.		
007	C00117732				display cover assy. pw	0999368	
008	C00094688				fridge wiring-amp lamp bulb		
009	C00060617				lamp bulb 10w (e14)		
010	C00091088				lamp socket		
011	C00095709				remote control masks multiflow		
012	C00174888				lamp cover-fridge		
013	C00170451			1 x C00170446	power cord		
014	C00090322			1 x C00144806	capacitor 2,5mf (ducati)		
015	C00173194				grounging wire necchi		
016	C00095783			1 x C00116498	fan motor plastic assy. c70 nf	0999376	
017	C00095798		81118...	1 x C00116498	fan motor gr. assy c70nf		
017	C00273166	81119...			blower motor 220-240v		
018	C00095799			1 x C00117734	plastic for fan motor	0999376	
019	C00094496		81118...		air conveyor resist. 3,57w 240v		
019	C00277166	81119...			air conveyor resist. 3,57w 240v		
020	C00046806				rubber anti shock bush - fan motor		
021	C00095800				fan motor assy.		
022	C00096634			1 x C00097774	multiflow upper cover c70		
022	C00116333				multiflow upper cover pw	0999379	81285590100 81285590200 81285590300 81285590301 81285590400 81285590401
024	C00096633			1 x C00097774	multiflow styrofoam		

Notices

0999338: OVAL DISPLAY KNOB

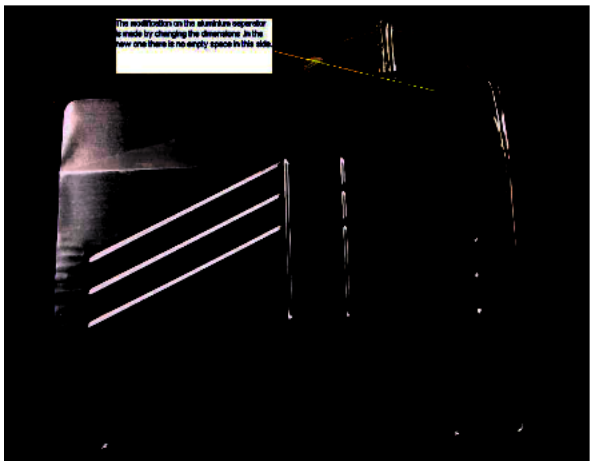
Since 09-07-2003 display knob shape has been modified. Below new parst heve been used on VFD no-frost models;
White models (MT45D1 - MTB45D1)
OLD PARTS
174953 - display cover
174954 - display knob
174955 - display cover logo
NEW PARTS
95980 - display cover oval
95713 - display knob oval
95975 - display cover logo

Inox models (MT45D2 - MTB45D2)
OLD PARTS
174953 - display cover
175006 - display knob grey
89875 - display cover logo
NEW PARTS
95980 - display cover oval
95712 - display knob oval
96190 - display cover logo

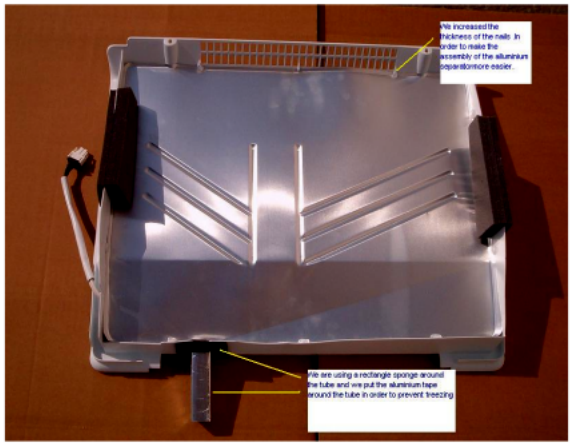
0999342: Aluminium separator dimentions

Modification on the aluminium separator is made by changing the dimentions. On the new one there is no empty space at the corner.Spare part code remain the same.

0999343: SEPARATORE MODIFICATION



Thickness of the nail on the separator has been increased in order to make assembley of the alumunium and seperator easier.
Sponge and aluminium tape have been used around the tube in order to prevent freezing.



0999344: length of rezistance

Length of rezistance which is placed on aluminium seperator has been increased.

0999345: Divisorio camera has been modified

Divisorio camera has been modified in order to prevent touching propeller to the top of the plastic. Plastic feeder has been added to the divisorio camera to prevent water leakage trhough the resistance. Spare part codes remain the same.

0999357: plastic compressor basement

Plastic compressor basement will be used on refrigerators since this reason adjutable foot and except single door bottom hinge have been changed. New hinge will be managed with a new code. The new bottom hinge can be used on both left and right sides.

New adjustable foot;
89682- white
89686- black

New bottom hinge assembley with adjustable foot;
110081- white
110522 - black

0999359: new metal hinge usage

A modification has been done on plastic hinges that are used on electronic Opera L70 models on 21/06/2004. New metal hinges are used instead of plastic ones. You can find below old and new part codes for reversing the door.

METAL HINGE USAGE (NEW)
172200Hinge bush 5*19.5 mm
174585Upper hinge pin

METAL UPPER HINGE (NEW)
174898metal upper hinge right / (metal)
98243metal upper hinge left / (metal)

HINGE COVER (NEW)
112229upper hinge cover right / white
112230upper hinge cover left / white
112271hinge cover left / pantone 423
112305hinge cover right / pantone 423
112009hinge cover left / inox
112011hinge cover right / inox

PLASTIC HINGE USAGE (OLD)
26353hinge bush 1mm
174959upper hinge pin

PLASTIC UPPER HINGE (OLD)
174960plastic upper hinge / right

174963plastic upper hinge / left

hinge cover (OLD)
174962hinge cover right / white
89855hinge cover / white
110525hinge cover / pantone 423
175045hinge cover left / pantone 423
175044hinge cover left / inox
89872hinge cover right / inox

0999364: new fin evaporator and rezistance

Since 01/04/05 new fin evaporator end new rezistance will be used on EU combi models. New parts as an assembly can be used on the appliances which are produced before the modification.

New parts;
115198- fin evaporator
115199- new evaporator rezistance

To fit new evaporator follow below procedure;
· First of all fin evaporator should be positioned at right and back of the freezer roof and than right bracket should be screwed like previous manner (the same track of the hole for right bracket exists on the cabinet). Use the evaporator as a template to screw and position the left bracket symmetricaly.

0999368: color modification

Since April 2005, color of products has been changed from Bianco 27 to Polar White in Manisa Plant.

Industrial code has been changed but, commercial code remains the same as you can see in below example.

81272820201 = MTB4511TK (bianco-27)

81272820301 = MTB4511TK (polar white)

External colored parts

New spare part codes have been given for the below external parts.

Cabinet, cabinet head panel, door, door head panel, door gasket, kick plate.

The external parts colered bianco 27 are limited with our stock and in the future it will be substituded by polar white parts.

Internal colored parts

Spare part code remains the same for the internal parts such as crisper, shelf profile etc. They will be supplied in polar white color with the same spare part code.

0999376: ICE FORMATION AT THE BACK OF THE EVAPORATOR

Below modifications have been performed to prevent ice formation at the back of the evaporator on L70 combies. These new parts can be supplied as an assembly C00141277
1- Spugnetta evaporatore left and right have been modified since 12/08/2005. Spare part codes remain the same (C00094468-C00094467). These parts must be replaced together in case of necessity of the replacement.

2- Power of the rezistance for divisorio camere has been increased from 40W to 50W since 03/10/2005. Spare part code remains the same (C00095774).

3- Power of the rezistance for evaporator has been increased from 140W to 150W since 26/09/2005. Spare part code remains the same (C00115199).

4- Drain hose end piece C00141278 has been used for draining the water to the evaporating tray since 26/09/2005.

5- Fan motor plastic assembly has been modified. The hole for propeller has been modified to prevent friction between propeller and fan motor plastic since 03/10/05.
Spare part code remains the same (C00116498).

These new parts can be supplied as an assembly C00141277.(TB001014 - ex.TECHNICAL NEWS STN-CL 0511.1)

0999379: TWO HOLES HAVE BEEN CANCELLED ON MULTIFLOW FOR COMBIES

Due to low temperature at the lower part of the fridge section on Manisa combies two holes which are placed on multiflow cover have been cancelled for all combies since 13/04/2006.

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

n1030081: Power card alternative on full no frost 450 litre combined fridge-freezers

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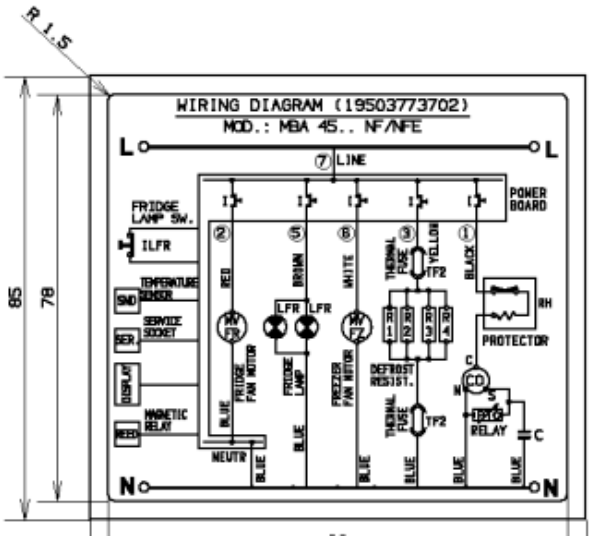
Since 5th July 2004, the Manisa factory
has been using new power cards on full no frost 450 litre fridge-freezers with display, as an alternative to the previous power cards.
These cards are interchangeable, but have different codes (PN).
Given below are the modified codes:

Models MBA45D1NF/NFE -MTB45D2NF/NFE (IT-EU markets)
095779 - 16200096903 = Magnetek 4087.02/Green (first version)
095779 - 16200100300 = Magnetek 4304.02/Green (second version)

095779 = 143693 rohs

Electric schemes and links

Cod. 999015B



Legend

Legend: 999015B