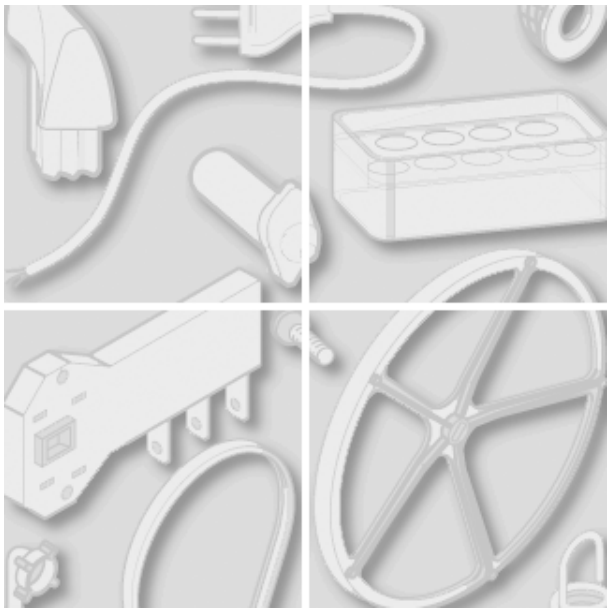
INDESIT company



Model type:
MTB45D1NF

Commercial code:
F027622

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:

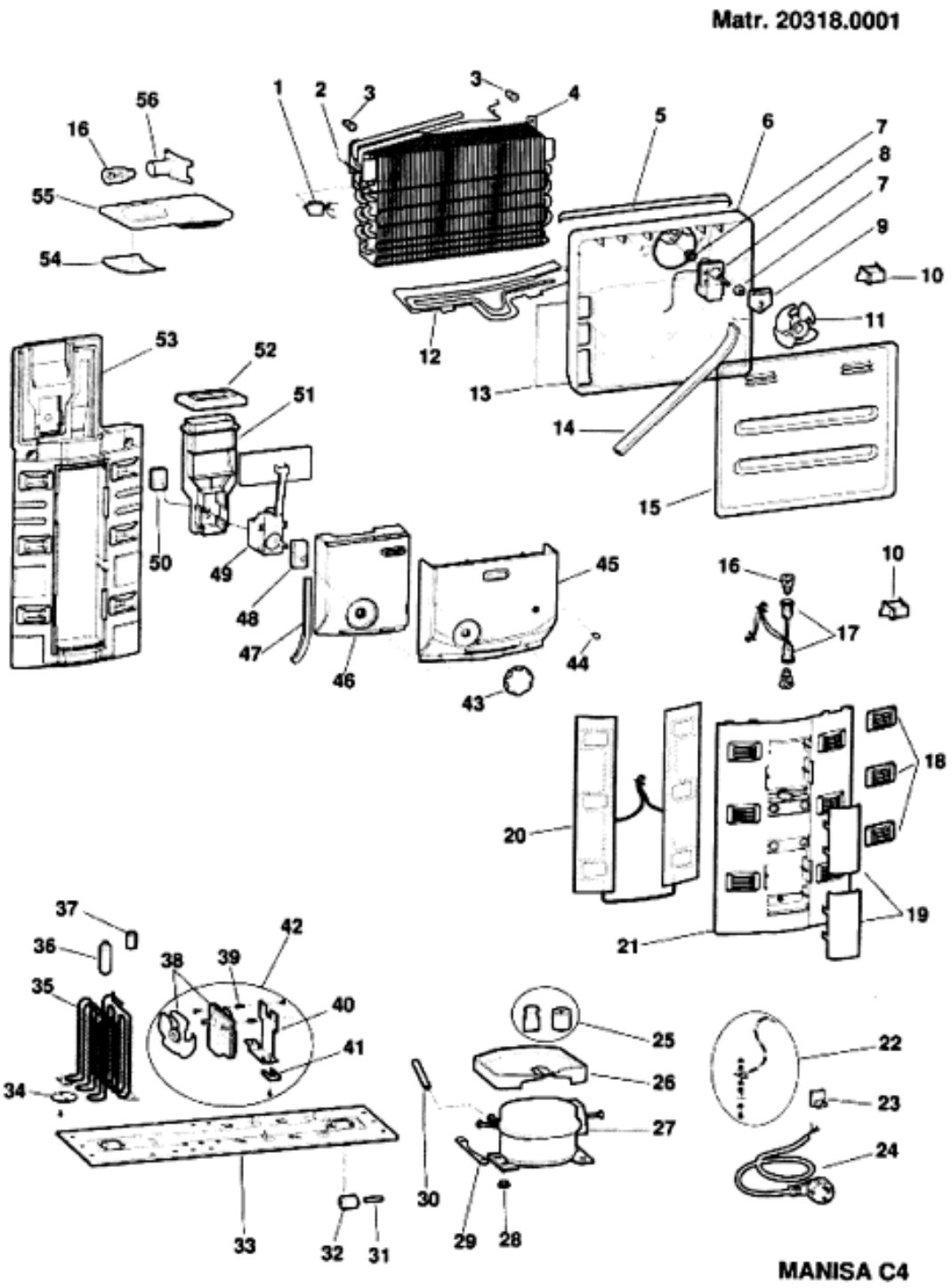
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

RE0203T0 Exploded views



RE0203T0 Spare parts list

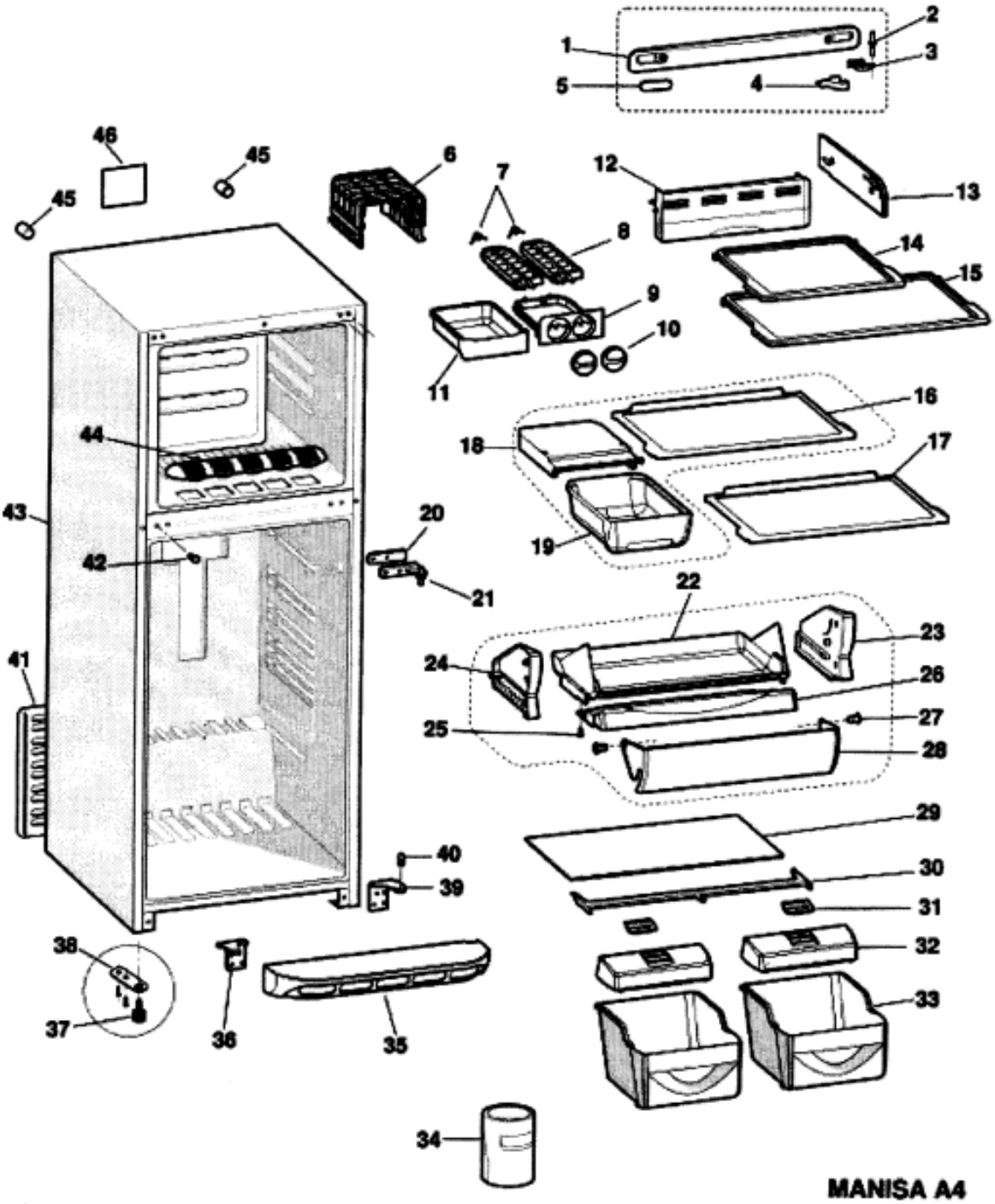
Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00092575	30505...	81120...	1 x C00196988	thermofuse tf041001 double	0999333	
001	C00174971		30504...		thermo fuse assy. l70nf	0999333	
002	C00173767		81120...	1 x C00271378	fin evap heater r:1 450nf		
				1 x C00277213			
				1 x C00277223			
002	C00271378	81121...			kit evap.nf heater+thermal fuse		
004	C00174511				f-o-t evaporator 450nf (df460nfl)		
005	C00175004				fin evap cover assy.		
006	C00173745			2 x C00118565	fin evap.cover 450nf		
				1 x C00119866			
				1 x C00141013			
007	C00174183			1 x C00025215	rubber mounting for fan motor		
008	C00174380				fan motor c09r1829(with	0999360	
010	C00032387				lamp switch - n/c 250v		
011	C00174381				impeller mes f61-10		
012	C00174442		81120...		heating element defrost 450nf		
012	C00274394	81121...		1 x C00277213	heating element defrost		
012	C00277213	81121...			heating element drain defrost		
013	C00174992				super freezer cover		
014	C00174993				super freezer cover holder plastic		
015	C00174886				freezer back cover assy.		
015	C00174994				super freezer shelf		
016	C00170367			1 x C00006522	lamp 220/240v 15w e14		
016	C00174917				transparent shelf-frz.		
017	C00174893				wiring assy. lamp		
019	C00174888				lamp cover-fridge		
020	C00174894				multiflow rezistance l70		
021	C00174892			1 x C00117124	multi-flow cover l70 arst		
024	C00170451			1 x C00170446	power cord		
026	C00173806			1 x C00054788	evaporating tray		
027	C00089675				capacitor danfoss 4mf		
027	C00089869				compressor nly7fk.2 220-240/50		
027	C00174631			1 x C00059130	compressor nly7f 220-240/50		
027	C00174632			1 x C00058961	relay - thermal protector assy.		
028	C00089673			1 x C00109592	rubber for compressor danf.	n2510b00	

RE0203T0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
029	C00172143			1 x C00008471	fixing plate - compressor		
030	C00043021				service pipe with valve (6 nfmssv)		
030	C00173135		91022...		charging pipe (6x90x1)		
030	C00277029	91023...			charging pipe 6x0.71x115mm		
031	C00172505				rear whell pin		
032	C00173702			1 x C00116366	rear wheel(450) r:1		
033	C00173889				compressor basement		
034	C00174884				plastyk support for condenser		
035	C00174283				condenser etdf450nf danf.		
036	C00174310			1 x C00042334	drier (r134a)		
037	C00173185			1 x C00037341	anti-vibration rubber bush		
038	C00173682			1 x C00059801	motor assm. fime c15 r8142		
040	C00174383				motor bracket etch/common		
041	C00172190				top rubber mount-fan bracket		
043	C00174974				damper thermostat knob decorated		
045	C00090287				multiflow upper cover		
046	C00174943				front damper cover		
048	C00173765			1 x C00093844 1 x C00094342 1 x C00094343	sponge(3 pieces)automod		
049	C00090675				adhesive small spogne (lxhxd)		
049	C00092779			1 x C00095873	damper thermostat atea d 1089		
049	C00174897			1 x C00095873	damper thermostat atea d1085	n1025122	
050	C00173765			1 x C00093844 1 x C00094342 1 x C00094343	sponge(3 pieces)automod		
051	C00174942			1 x C00117122	multiflow air inlet		
052	C00174941				sponge (8*8*230)		
053	C00174944			1 x C00145712	multiflow styrofoam		
054	C00173684				lamp cover-freezer 450xlnf		
055	C00173685				lamp cover box (freez)450xlnf		
056	C00173751				lamp socket(eltek e/4)450nf		

RE0204T0 Exploded views

RE0204T0



RE0204T0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00089866				user instruction booklet		
001	C00174887			1 x C00118137	head panel mt400/450 mech white		
002	C00174585			1 x C00291506	upper hinge pin r45	0999359	
002	C00174959			1 x C00081844	perno vfd		
				1 x C00087655			
003	C00098243				upper hinge (m8) lh cromed	0999359	
003	C00174898				upper hinge (m8) rh-lf cromed	0999359	
003	C00174960			1 x C00174898	upper hinge plastic dx		
003	C00174963			1 x C00098243	upper hinge plastic sx		
004	C00089855				upper hinge cover (plastic)		
004	C00112229				upper hinge cover rh b27	0999359	
004	C00112230		91201...	1 x C00277671	upper hinge cover sx b27	0999359	
004	C00174962				upper hinge covering plastic dx		
005	C00174589			1 x C00075561	head panel hole cover (with hole)		
005	C00174590			1 x C00075562	head panel hole cover (without		
005	C00277671	91202...			upper hinge cover left pw		
006	C00174940				icemaker holder		
007	C00174938				icemaker spring		
008	C00174937				icemaker		
009	C00174934				ice tray frame		
010	C00174939				icemaker knob		
011	C00174933				ice tray l70nf		
012	C00174992				super freezer cover		
013	C00174993				super freezer cover holder plastic		
014	C00174994				super freezer shelf		
015	C00174917				transparent shelf-frz.		
016	C00174924				glass shelf (with slide) l70		
017	C00174920			1 x C00116356	glass shelf - fridge l70 arst		
018	C00174923			1 x C00081962	meat box cover (glass shelf)		
019	C00174925				meat box l70 arst.		
020	C00173211				middle hinge bottom pls.		
021	C00174584			1 x C00174698	central hinge painted - white r45		
022	C00174929				chiller box arst l70nf		
023	C00174927				chiller slide rh l70nf		
024	C00174926				chiller slide lh l70nf		

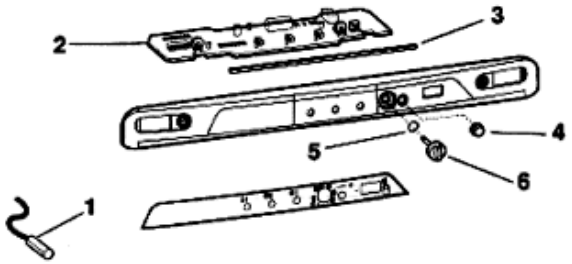
RE0204T0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
025	C00174932				screw chiller		
027	C00174928			1 x C00081982	pin for chiller cover arst		
028	C00174931				chiller box cover l70		
029	C00174964				crisper glass l70		
030	C00174918				crisper glass profile		
031	C00174965				crisper cover slide l70arst		
032	C00174922			1 x C00263756	crisper cover l70 arst		
033	C00174919				crisper		
034	C00174732			1 x C00081912	fridge for bottle (eutectic) manisa		
035	C00174885			1 x C00116947	kick plate b27 l70 arst (white)		
036	C00089868			1 x C00174978	scharnier unten links	0999357	
037	C00089682				adjustable foot assy. white m8	0999357	
037	C00174376				foot- adjustable m8-white as from		
038	C00174377			1 x C00089682	bottom support adjustable foot		
039	C00110081				bottom hinge assembly r45 crom	0999357	
039	C00174899				lower hinge rh.		
040	C00172138				hing pin / lower		
041	C00173891				bottom back cover		
044	C00173753				air grid-freezer 450nf		
045	C00174930				plastik stoper-chiller box		
046	C00089867				elektr. schema aufkleber		
050	C00254345				drain pipe-		

RE0205T0 Exploded views

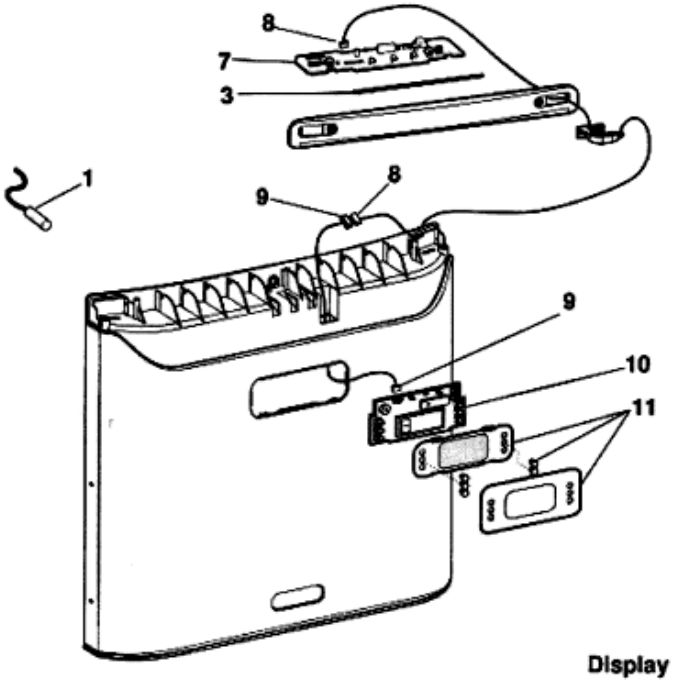
Matr. 20318.0001

L70 NF 2digit model



Evolution

70 NF VFD/FIP model



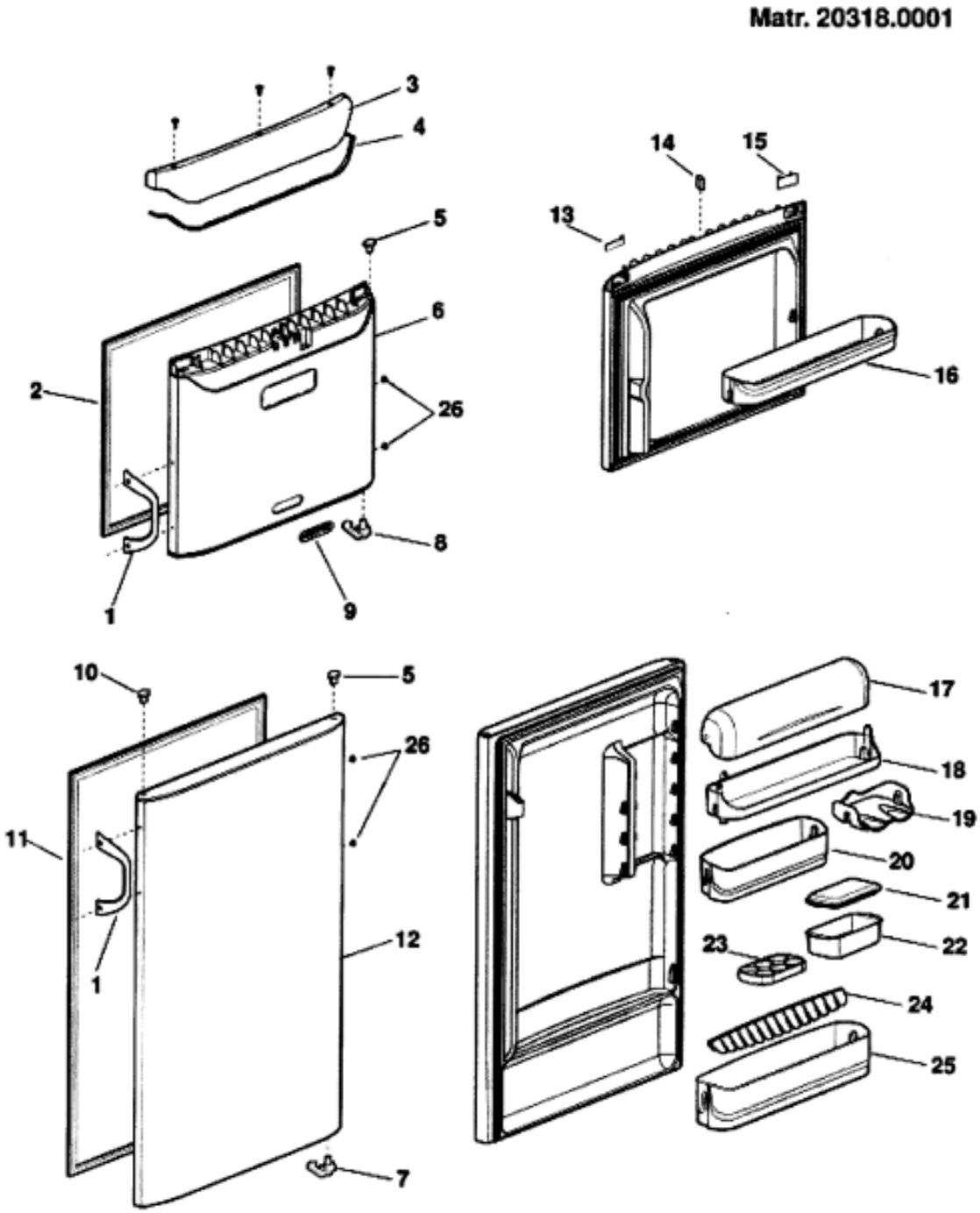
Display

MANISA D1

RE0205T0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00174976			1 x C00092208	temperature sensor assy		
007	C00089830			1 x C00143691	electronic card 70nf vfd rohs +not	0999353 n1025144 n1030060	
008	C00174975				wiring harness l70 display l=780		
009	C00093812				wiring fridge-door (display)		
010	C00174952				scheda elet. display l70nf		
011	C00095713			1 x C00115416	buttons cover white (display)	0999338	
011	C00095975			1 x C00117764	logo display		
011	C00095980				display cover (oval)	0999338	
011	C00174953				display cover l70nf vfd		
011	C00174954			1 x C00117640	display knob b27 white		
011	C00174955				display cover logo b27		
012	C00174949			1 x C00075612	magnet		

RE0206T0 Exploded views



RE0206T0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
002	C00174900			1 x C00091244 1 x C00092889	magnetic seal upper door mt40/45	n3012i00	
003	C00174902			1 x C00118064	upper door head panel white ar70		
004	C00174950			1 x C00174903 1 x C00174999	upper door strip for panel		
005	C00172198			1 x C00172200	hinge bush / lower door		
005	C00173188				hinge bearing / lower door		
006	C00174967			1 x C00117990	insulated door panel / upper door		
007	C00110354				closure aid left		
007	C00174573				closure aid right		
007	C00174574			1 x C00098743 1 x C00110354	lower door auto-locking left		
008	C00098743			1 x C00110354	auto-locking left		
008	C00174572				upper door auto-locking right		
008	C00174575				upper door auto-locking left		
009	C00174906			1 x C00082002	logo (door) arst bianco		
010	C00172195			1 x C00045903 1 x C00114784	plug door handle white		
011	C00117019	20910...			magnetic seal lower door mt		
011	C00174968		20909...	1 x C00092889 1 x C00117019	door seal (lower door) mt45nf	n3012i00	
012	C00174969			1 x C00117781	insulated door panel / lower door		
014	C00174949			1 x C00075612	magnet		
015	C00174970			1 x C00117636	head panel cover plug b27 l70		
016	C00174921				door shelf-fridge l70		
017	C00174916				upper shelf cover		
018	C00174912				upper shelf l70 arst		
019	C00174915				can shelf		
020	C00174913				door shelf middle		
021	C00174935			1 x C00081938 1 x C00094298	butter box lid l70		
022	C00174936			1 x C00081938 1 x C00094298	butter box (152x50x98) blue		
023	C00174910			1 x C00081953	egg holder (for 6 eggs) l70 arst		
024	C00174911			1 x C00081955	bottle holder l70 arst		

RE0206T0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
025	C00174914				bottle shelf		

Notices

0999323: DAMPER THERMOSTAT

Since 20.01.2003 92779 (ATEA D 1089) thermostat will be used on electronic no frost models for the turkish market and all no frost models (electr. + mech.) for europian market. Temperature in the fridge section was too high and this is the reason why new thermostat is used.

174897 - old (ATEA D 1085)
Min -1,5°C
Max -15,5°C

92779 - new (ATEA D 1089)
Min +2,0°C
Max -14,0°C

0999324: USAGE OF NLY7F COMPRESSOR

Instead of NLY7FK.2 compressor, NLY7F compressor (174631) will be used on belew models as a technical variation. Due to the this reason industrial codes have changed as below;
81276220001
81278710001
81276250001
81276210001
81278700001
81276230001
81276240001

0999333: new double thermofuse

Since 05/05/2003 new double thermofuse will be used on all electronic no-frost models
old codenew code

17497192575

Since 21/11/2008 will be managed kit C00271378

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

0999353: modification on electronic board

Since 26/10/2003 electronic boards 089830 and 089831 have been modified to solve freezing problem. Spare part codes remain the same but industrial codes have been changed as

089831 = 162000544.04 (SN > A00001)
089830 = 162000520.05 (SN > A3000)

089831 = 143683 rohs
089830 = 143691 rohs

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

0999360: modification on freezer fan motor

Since 01 July 2004 freezer fan motor has been modified to reduce noise level on no frost models that are produced in Manisa plant. (Old fan motor has grey cover, new fan motor has light green cover.) Spare part code remains the same. If you replace the old fan motor with the new fan motor, rubber for fan has to be replaced with the new one and sponge should not be used with the new fan motor.

n1025122: Refrigerator compartment temperature too

The technicians are finding too cold temperatures in the refrigerator compartment in products in use, even when the thermostat is set to minimum (values between 0°C and -2°C).
This problem is solved by operating directly on the damper, increasing the thickness of the sponge mounted on the plate in order to provide a good seal.
An adhesive closed-cell polyethylene sponge of density 30-35 kg/m3 and thickness 8 mm was used successfully in the laboratory tests.
This sponge must be adapted to the size (75x45 mm) of the black sponge already installed on the damper plate, and which must not be removed.
Before making the modification always check that the plate opens and closes by operating the temperature knob, otherwise also replace the damper.

n1025144: Power card alternative on full no frost 450 litre refrigerators with display

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Since 14th June 2004, the Manisa factory has been using new power cards on full no frost 450 litre refrigerators with display, as an alternative to the previous cards.
These cards are interchangeable, but have different codes (PN).
Given below are the modified codes:

Models MTB45D1NF -MTB45D2NF (IT-UK-FR-SP-GR markets)
089830 - 16200052006 = Magnetek 4084.02/Green (first version)
089830 - 16200100100 = Magnetek 4303.02/Green (second version)
089830 = 143691 rohs

Models MT45D1NF -MT45D2NF (TK market)
093957 - 16200060604 = Magnetek 4084.02/Yellow (first version)
093957 - 16200100200 = Magnetek 4303.02/Yellow (second version)
093957 = 143692 rohs

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

n2510b00: SUBSTITUTION RUBBER BUFFER FOR COMPRESSOR

Since month of February 2010 has been substitute in assistance the rubber buffer for compressor C00089673 with the C00109592.
Substitution is not valid for the products which use JIAXIPERA compressors respectively differentiate for type, Single Door (SD) / Double Door (DD) or different:

SD/DD C00089673 --> C00277320
NOT SD/DD C00089673 --> C00032453

n3012i00:
