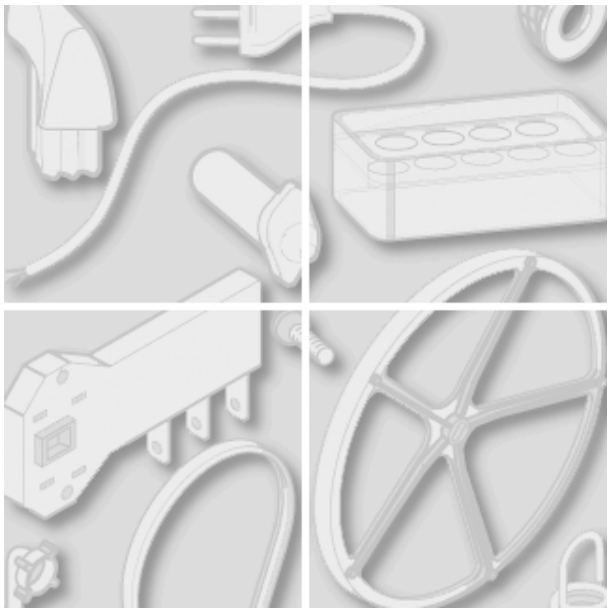
INDESIT company



Model type:
MTB4553NF

Commercial code:
F027623

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:

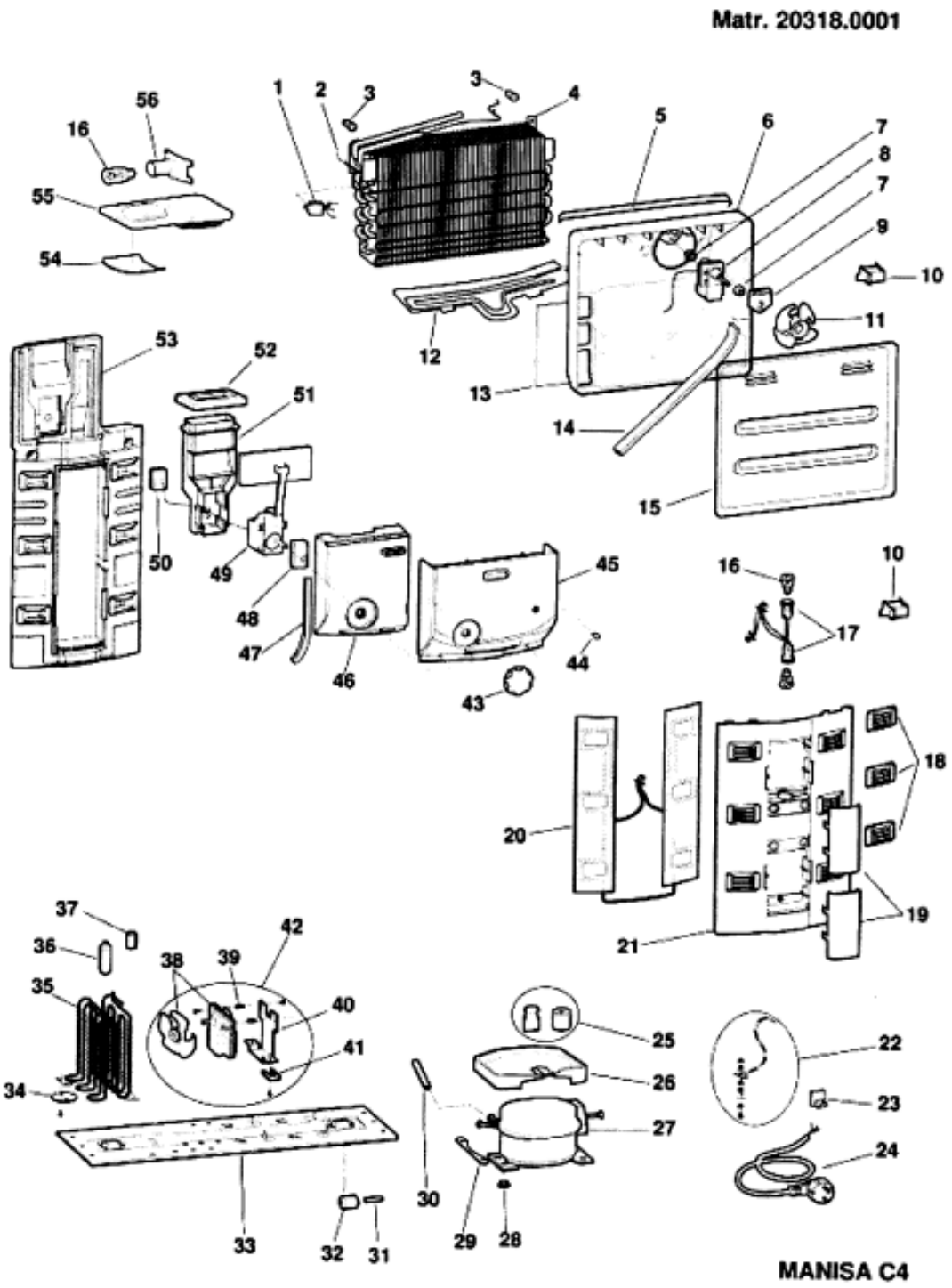
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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	C00119866				fin evap.cover 450nf	0999369	
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	C00139648		81120...		fan motor nf dd	0999369	
008	C00174380				fan motor c09r1829(with	0999360	
008	C00269887	81121...			fan motor assy 220-240v 4.3w		
009	C00174379				fan mes motor bracket-freezer		
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		
015	C00140463				freezer back cover assy.	0999369	
015	C00174886				freezer back cover assy.		
016	C00170367			1 x C00006522	lamp 220/240v 15w e14		
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		
022	C00170448			1 x C00173194	grounding wiring harness(new)		
024	C00170451			1 x C00170446	power cord		
025	C00090019				drain pipe end piece 400-450nf		
026	C00141110				dissipator tray tecumseh		
026	C00173806			1 x C00054788	evaporating tray		
027	C00099683			1 x C00099801	compr.gvy75aa 220-240/50 1/4hp-		81276230002

RE0203T0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
027	C00099797				set terminal board acc gvy75aa		81276230002
							81276230102
027	C00174631			1 x C00059130	compressor nly7f 220-240/50		81276230001
027	C00174632			1 x C00058961	relay - thermal protector assy.		81276230001
028	C00089673			1 x C00109592	rubber for compressor danf.	n2510b00	
029	C00172124				wire condenser		
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		
045	C00140661				multiflow upper cover	0999369	
046	C00140662				front damper cover		
046	C00174943				front damper cover		
048	C00173765			1 x C00093844	sponge(3 pieces)automod		
				1 x C00094342			
				1 x C00094343			
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	sponge(3 pieces)automod		
				1 x C00094342			
				1 x C00094343			
051	C00174942			1 x C00117122	multiflow air inlet		
052	C00174941				sponge (8*8*230)		

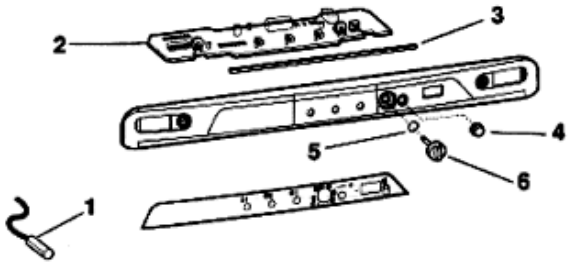
RE0203T0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
053	C00140663				multiflow styrofoam	0999369	
053	C00174944			1 x C00145712	multiflow styrofoam		
057	C00095426				condenser c70	0999355	

RE0205T0 Exploded views

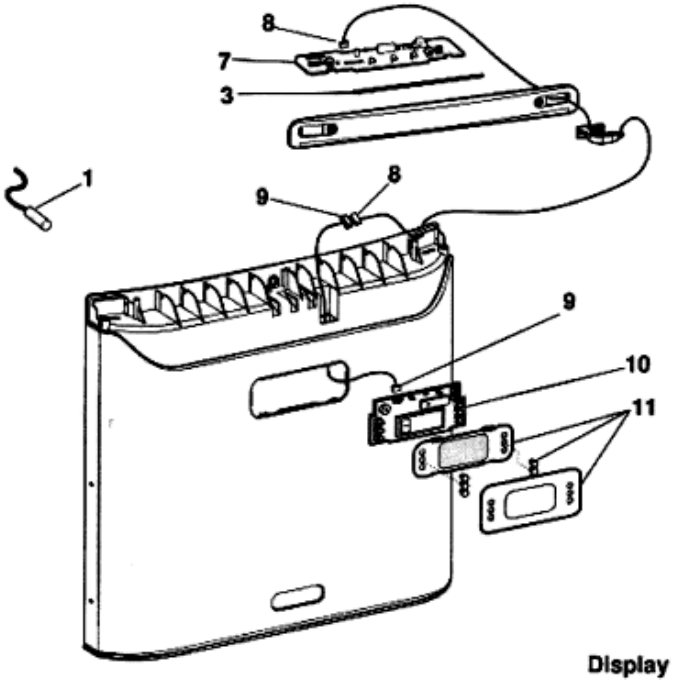
Matr. 20318.0001

L70 NF 2digit model



Evolution

70 NF VFD/FIP model



Display

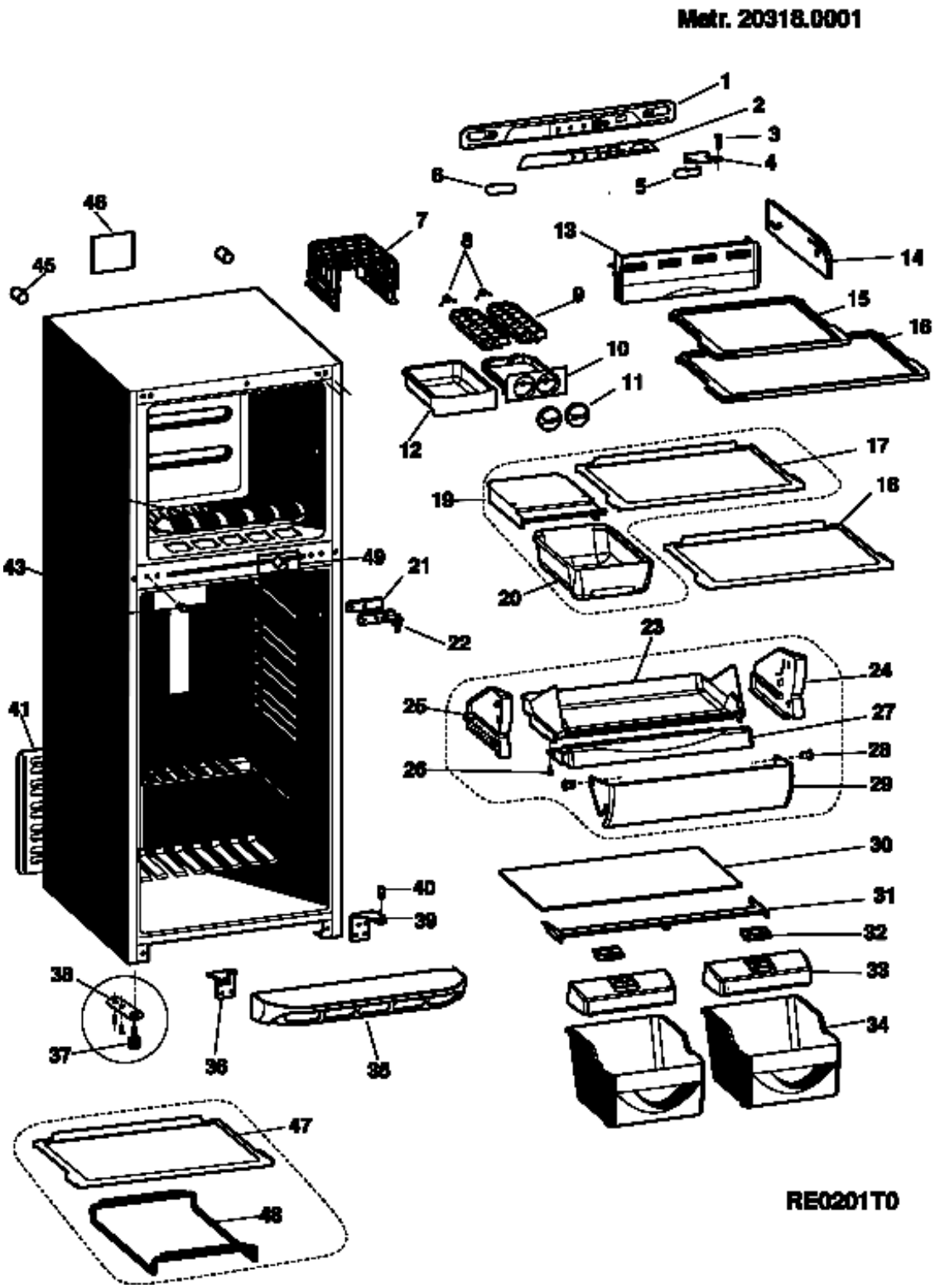
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MANISA D1

RE0205T0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00089817			1 x C00092208	temperature sensor		
002	C00089831			1 x C00143683	electronic card (l70nf 2 digit) +not	0999353 n1030060	
003	C00175005			1 x C00075629	sponge(5*5*350)		
004	C00175006				display knob		
006	C00175007				thermostat knob l70 (aluminium)		

re0201t0 Exploded views



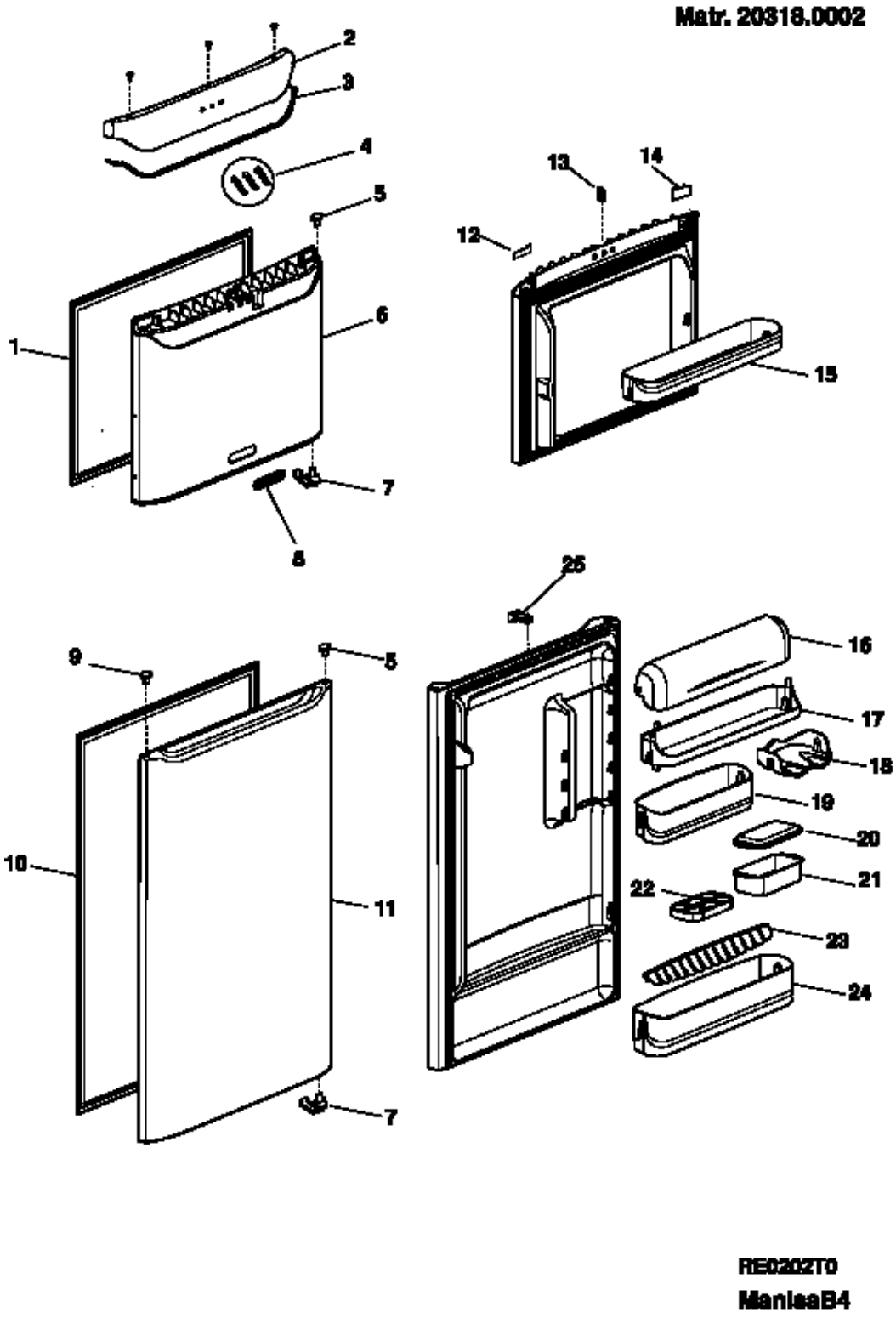
re0201t0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00089717				user instruction booklet		
001	C00175042				head panel silver		
002	C00174989				head panel		
003	C00174585			1 x C00291506	upper hinge pin r45		
004	C00098243				upper hinge (m8) lh cromed		
004	C00174898				upper hinge (m8) rh-lf cromed		
005	C00174990				head panel cover plug (with hole)		
006	C00174991				head panel cover plug (without		
007	C00174940				icemaker holder		
008	C00174938				icemaker spring		
009	C00174937				icemaker		
010	C00174934				ice tray frame		
011	C00174939				icemaker knob		
012	C00174933				ice tray l70nf		
013	C00140462				super freezer cover	0999369	
013	C00174992				super freezer cover		
014	C00174993				super freezer cover holder plastic		
015	C00174994				super freezer shelf		
016	C00174917				transparent shelf-frz.		
017	C00174924				glass shelf (with slide) l70		
018	C00174920			1 x C00116356	glass shelf - fridge l70 arst		
019	C00174923			1 x C00081962	meat box cover (glass shelf)		
020	C00174925				meat box l70 arst.		
021	C00173211				middle hinge bottom pls.		
022	C00175039			1 x C00174698	middle hinge		
023	C00174929				chiller box arst l70nf		
024	C00174927				chiller slide rh l70nf		
025	C00174926				chiller slide lh l70nf		
025	C00174932				screw chiller		
027	C00174930				plastik stoper-chiller box		
028	C00174928			1 x C00081982	pin for chiller cover arst		
029	C00174931				chiller box cover l70		
030	C00174964				crisper glass l70		
031	C00174918				crisper glass profile		
032	C00174965				crisper cover slide l70arst		

re0201t0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
033	C00174922			1 x C00263756	crisper cover l70 arst		
034	C00174919				crisper		
035	C00174997				kick plate silver ar70		
036	C00174978			1 x C00174723	bottom hinge left		
037	C00089686				adjustable foot assy. silver m8	0999357	
037	C00174487				foot - adjustable m8-silver		
038	C00174377			1 x C00089682	bottom support adjustable foot		
039	C00110522				bottom hinge assembly argento		
039	C00172163				plastic base gasket - lower hinge		
039	C00174899				lower hinge rh.		
040	C00172138				hing pin / lower		
041	C00173890				bottom back cover		
042	C00174996			1 x C00172951	middle hinge screw cover pls		
044	C00173753				air grid-freezer 450nf		
046	C00089733				wiring diagram		
057	C00095426				condenser c70	0999355	

re0202t0 Exploded views



re0202t0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00117018				magnetic seal upper door mt	0999368	
001	C00174900			1 x C00091244 1 x C00092889	magnetic seal upper door mt40/45	n3012i00	
002	C00174998				upper door head panel silver ar70		
003	C00174999			1 x C00174903	strip for upper door panel		
004	C00083362				indicator light - colour neutral		
005	C00172200			1 x C00119479	hinge bearing / upper door		
006	C00090248			1 x C00117993	insulated door panel freezer silver		
006	C00117993				upper door panel freezer silver pw	0999368	
007	C00174814				upper door auto-locking right		
007	C00174817				door stop bush rh - fiat647		
007	C00174820				upper door auto-locking left		
007	C00174821				door stop bush lh - fiat647		
008	C00175001			1 x C00082003	logo (door) arst allum.		
009	C00173188				hinge bearing / lower door		
009	C00175002				plug		
010	C00117019	20910...			magnetic seal lower door mt		
010	C00174968		20909...	1 x C00092889 1 x C00117019	door seal (lower door) mt45nf	n3012i00	
011	C00090093			1 x C00117792	insulated lower door		
011	C00117792				lower door silver(mtb4553nf) pw	0999368	
012	C00089774				upper door panel plug		
013	C00174949			1 x C00075612	magnet		
015	C00174921				door shelf-fridge l70		
016	C00174916				upper shelf cover		
017	C00174912				upper shelf l70 arst		
018	C00174915				can shelf		
019	C00174913				door shelf middle		
020	C00174935			1 x C00081938 1 x C00094298	butter box lid l70		
021	C00174936			1 x C00081938 1 x C00094298	butter box (152x50x98) blue		
022	C00174910			1 x C00081953	egg holder (for 6 eggs) l70 arst		
023	C00174911			1 x C00081955	bottle holder l70 arst		
024	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

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

0999355: STATIC CONDENSER USAGE

Since 12/03/04 static type condenser will be used on export no-frost models. Due to this reason condenser fan motor has been eliminateded. New static condenser will be managed with 095426 spare part code. Old parts can be supplied from warehouse for previous appliances.

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

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.

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.

0999369: FAN MOTOR MODIFICATION FOR DECREASING NOISE LEVEL

From serial number 50625.0001 on electronic no-frost models and from serial number 50723.0001 on mechanic no-frost models freezer fan motor has been modified for decreasing noise level.

Modified parts:
139648 - fan motor
119866 - fin evap cover assembly
140463 - freezer rear cover assembly
140462 - fast feezer cover
140662 - damper styrofoam (eps)
140661 - multiflow upper cover
140663 - multiflow styrofoam (eps)

Premodified parts:
174380 - fan motor
173745 - fin evap cover assembly
174886 - freezer rear cover assembly

174992 - fast freezer cover
174943 - damper styrofoam (eps)
090287 - multiflow upper cover
174944 - multiflow styrofoam (eps)

Since RPM of the new motor is lower than the previous one, new fan motor is not interchangeable with the old one, and it cannot be used on the premodified appliances.

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.

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

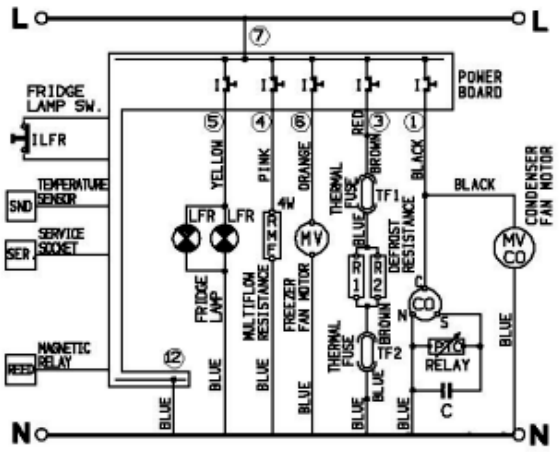
Since month of February 2010 has been substitute in assistance the rubber buffer for compressor C00089673 with the C00109592.
Substitution is not valid for the products which use JIAXIPERA compressors respectively differentiate for type, Single Door (SD) / Double Door (DD) or different:

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

n3012i00:

Electric schemes and links

Cod. 999020b



Legend

Legend: 999020b