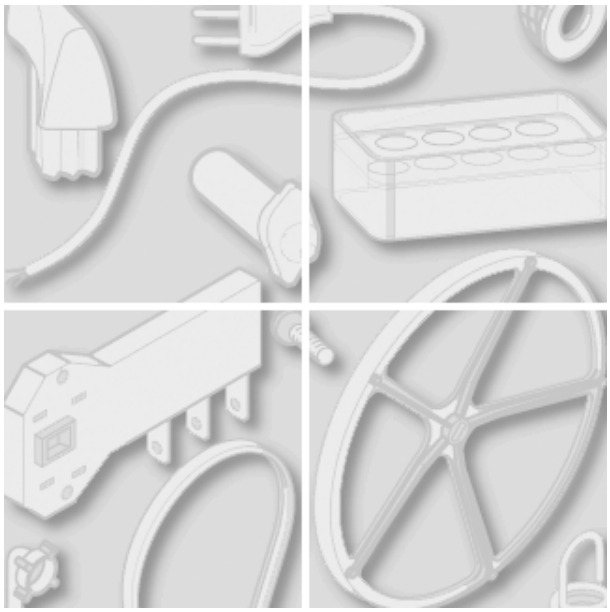
INDESIT company



Model type:

RA28T

Commercial code:

F038501

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

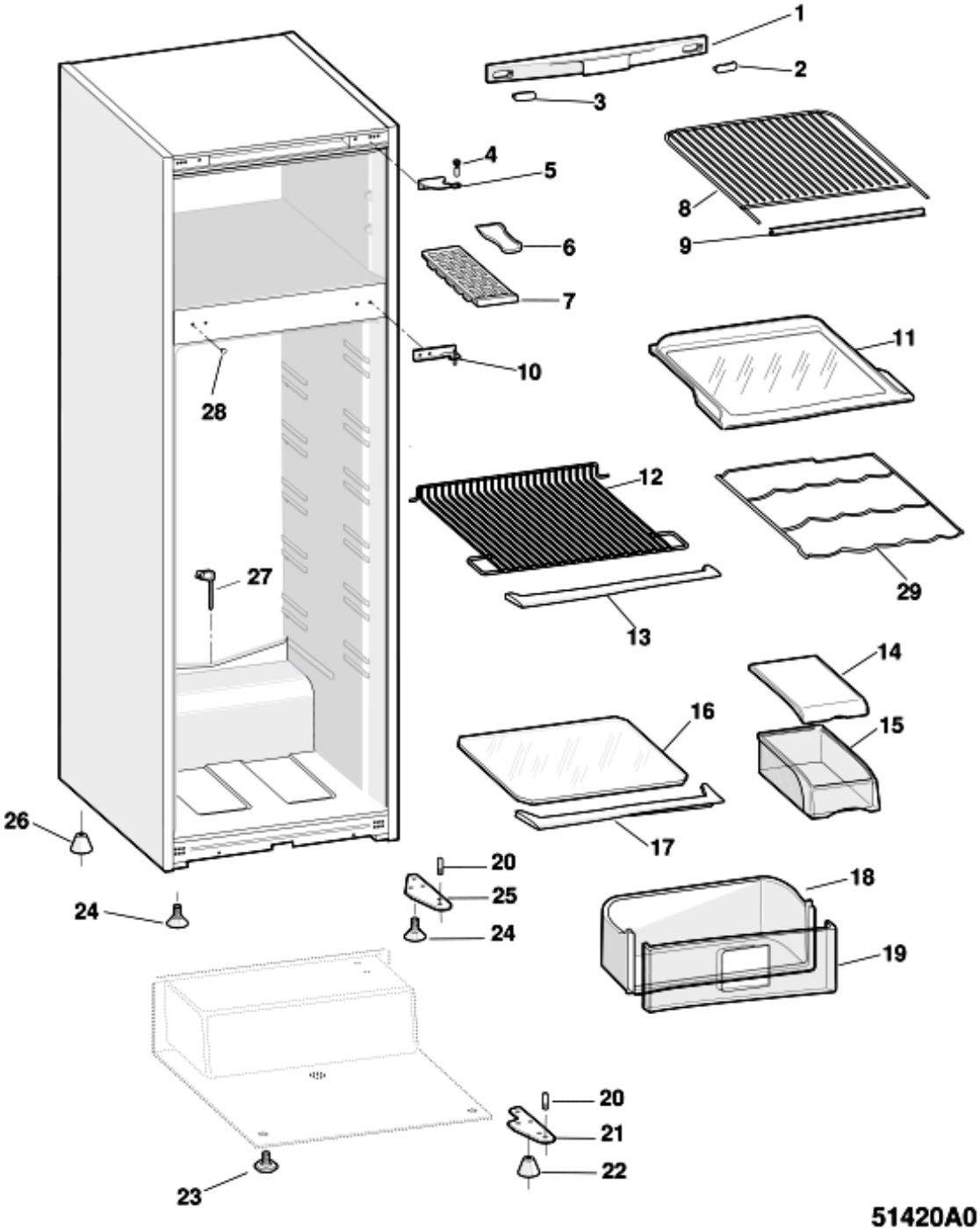
INDUSTRIAL CODE: list of variables of a model (shown into model label) where such spare is used; NOTICE: code of information(s) to refer to complete technical intervention, track for changes or to find correct spare part code.

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

51420a0 Exploded views

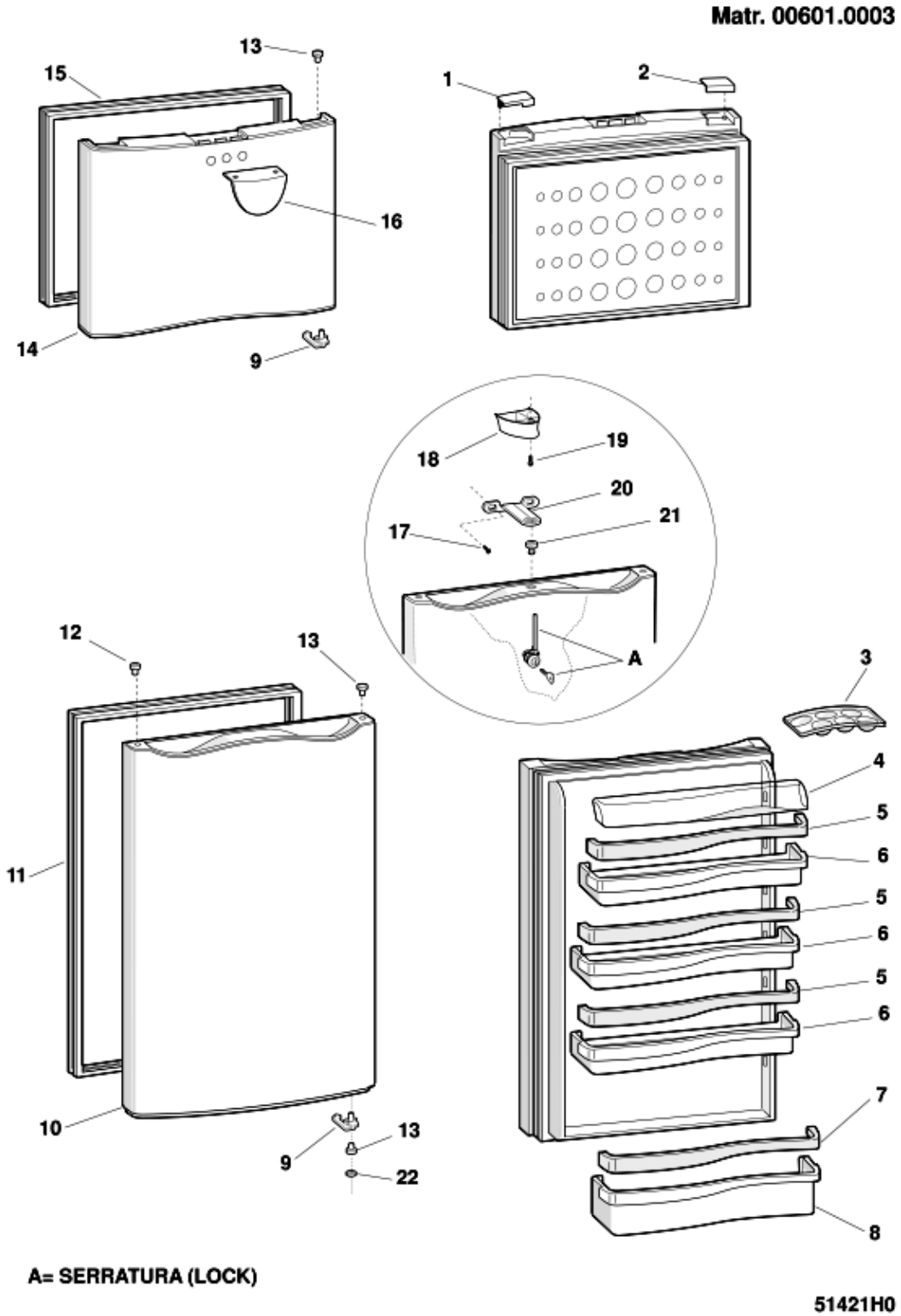
Matr. 10502.0002



51420a0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00143846				user instruction book it ra28t		
001	C00143848				control panel-top cover		
002	C00084830				hinge surround (74x20) - brown		
003	C00084829				hinge surround (74x20) - brown		
004	C00075565				hinge pin - m8x3 (18+2,5)		
005	C00081644				upper hinge lh-rh		
006	C00003261				ice scraper - white		
007	C00019414		60401...		ice cube tray 215x102x34		
007	C00045973	60402...		1 x C00019414	ice cube tray (260x110x37)	n2511k01	
008	C00098069				wire shelf 403x350 mm white		
010	C00053478		60412...	1 x C00114624	central hinge - white 'df245x		
010	C00053838		60412...		central hinge - chrome		
010	C00144850	60413...			central hinge - chrome		
012	C00090484				fridge wire shelf (wxh		
013	C00082953				trim 457 mm (wire shelf) - white		
016	C00082948			1 x C00086594	glass crisper cover-467x189x4		
017	C00082954				trim 467mm (crisper cover) -		
018	C00082949			1 x C00144901	crisper kit (wxhxd 460x184x206) -		
019	C00082950				panel crisper box wxh 460x155		
020	C00015745			1 x C00281425	hinge pin - m6x(5+14)		
024	C00017771				foot 10x36- adjustable		
025	C00051919				lower hinge rh-lh zncr		
026	C00017766				foot 18mm - non adjustable		
027	C00022198			1 x C00045965	defrost hole cleaner (20x30mm)		
028	C00011286			1 x C00114785	blanking plug d4,5x8mm - white		

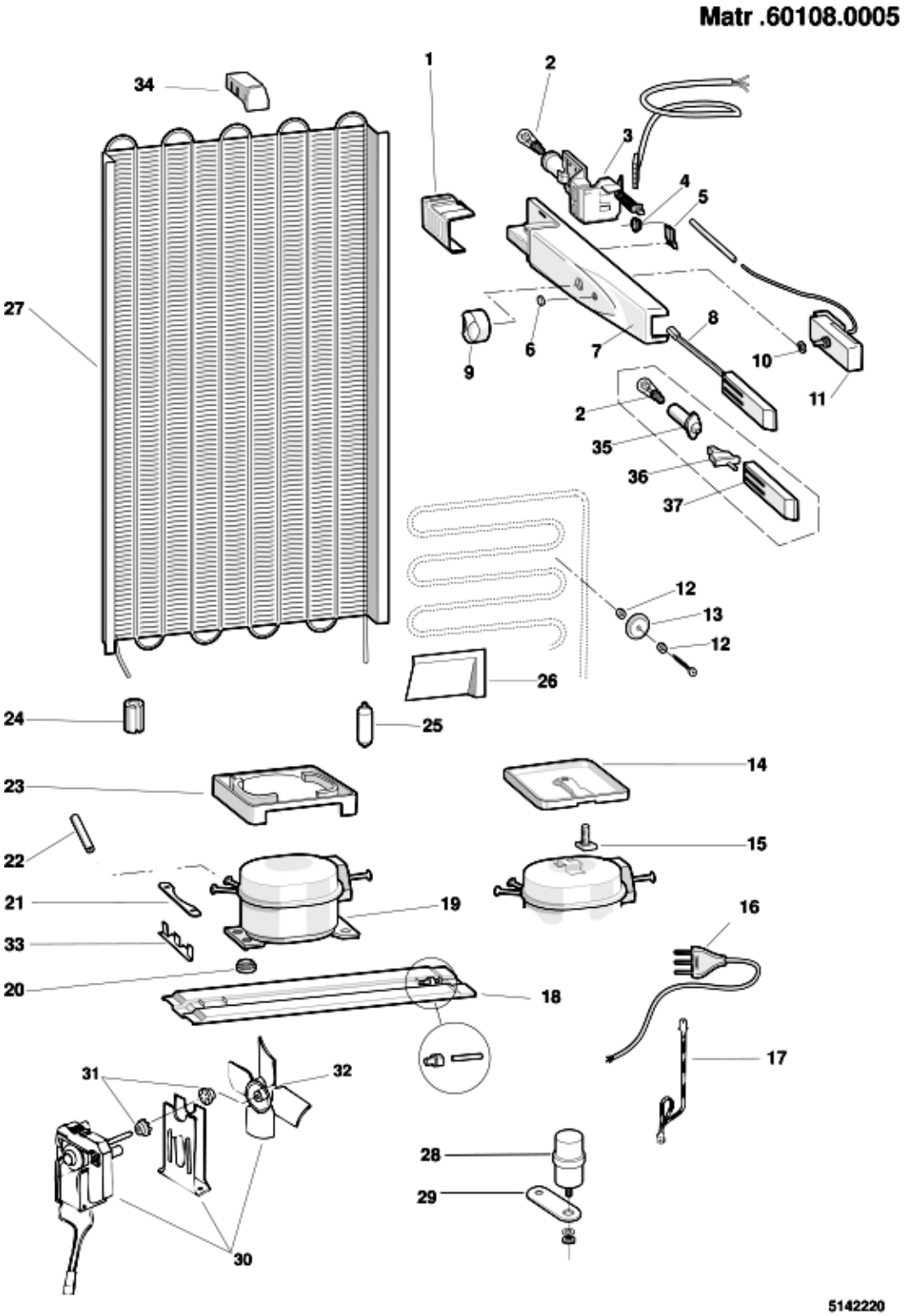
51421h0 Exploded views



51421h0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00084828				hinge cover rh 59x35 -brown		
001	C00085307				hinge surround lh upper door		
002	C00084827				hinge cover lh 59x35 - brown		
003	C00076539			1 x C00114690	eggs tray (6) - white		
006	C00082955				egg shelf (442x65mm) - white		
008	C00082956				bottle shelf (442x112mm) - white		
009	C00082900		41123...	1 x C00114650	door stop bush lh - white 49ø		
009	C00082901		41123...	1 x C00114651	door stop bush rh - white 49ø		
009	C00114650		61230...	1 x C00115404	closure aid lh - pw 49ø		
009	C00114651		61230...	1 x C00115405	closure aid rh - pw 49ø		
009	C00115404				door stop bush lh - polar white		
009	C00115405				door stop bush rh white		
010	C00085207				fridge door swell 540x1155x55		
011	C00142512				seal - fridge door (530x1133		
012	C00046081				blank plug		
013	C00016387				hinge bush 4mm - grey		
013	C00024268				hinge bush 7 mm - grey		
014	C00085206				freeze door swell 540x45x95 teak		
015	C00142517				seal - freezer door (p900)-pw		
016	C00084824				label holder castoro indesit		

5142220 Exploded views



5142220 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00048505				lamp cover (giugiaro)		
002	C00006522				lamp 15w (e14)		
002	C00092584				protective heat lamp		
004	C00007225				plastic expansion rivet		
005	C00009888				cable clamp		
006	C00022048				blanking plug (10,6mm) - white		
007	C00066297			1 x C00142464	thermostat box b.27 giugiaro		
009	C00048507				thermostat knob giugiaro -		
011	C00076523			1 x C00143410	thermostat climatic 077b-6189		
014	C00046376				defrost tray (stick on) 215x148x25		
016	C00008598				mains supply cable 3x0,75		
016	C00094418				stop mains supply cable		
016	C00216413				mains cable jiax (shuko)		47385010002
017	C00042302				earth lead		
017	C00141321				earth lead		47385010002
018	C00017721				mounting channel 535mm -		
019	C00058961				set terminal board danfoss		
019	C00116715			1 x C00264429	compressor twb1370mjs 220-		
019	C00144761				comp.nle10kk4 220-240/50 1/4-		47385010001
019	C00144768				compzbt1114cy 220-240/50 1/4-		47385010002
020	C00032453				rubber shock absorber -		
021	C00008471			1 x C00193590	fixing plate - compressor (750908)		
022	C00008727				charging pipe without valve		
022	C00043021				service pipe with valve (6 nfmssv)		
024	C00037341				anti vibration rubber bush		
025	C00045265			1 x C00266179	filter gr.12 (d.1,95/d.4 mm) gas		
027	C00042912				condenser		
028	C00142471			1 x C00144817	starting capacitor 3mf marcia		
028	C00144815				run capacitor 4 mf (m8) rohs		47385010001
028	C00279830				capacitor marcia 4.5 mf p2		47385010002
029	C00046312				capacitor fixing plate (750908)		
034	C00015332				spacer - condenser		
035	C00066295				lamp-socket (vossloh) 250v e14		
036	C00066294			1 x C00075585	lamp switch - n/c (eltek))		
037	C00066296				push-button light w.110 white		

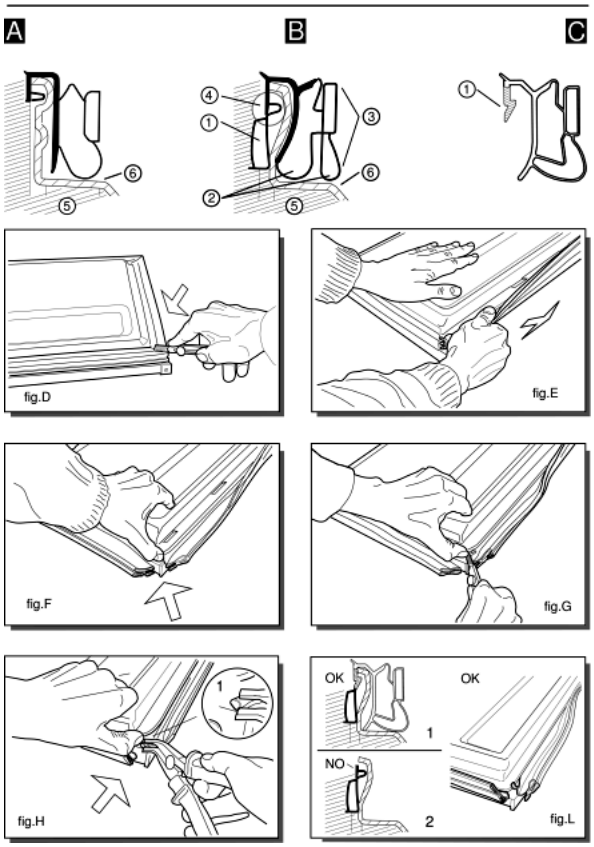
Notices

0514012: 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

n1025065: Giugiaro-Vossloh thermostat box kit (low Ambient Temp. +16?C)

As of February-2001 (serial no. 10201.0001), the "thermostat box KIT for low ambient temperatures" is being handled with part number 076283 and is to be used on Indesit brand double-door refrigerators that have the Giugiaro thermostat box fitted on them



(048503 - 066297).
The kit should be used exclusively to solve those problems obtained due to the poor performance of the freezer due to an ambient temperature below +16°C.
The kit is innovative, as it has a 6.6 Watt resistance fitted inside the thermostat box that should be activated by the toggle switch with a rubber protection situated underneath the thermostat knob. The switch is activated when the ambient temperature drops below +13°C (contacts closed. See the wiring diagram included in the kit).
This resistance heats up and enables the thermostat to be reactivated, thereby allowing the appliance to operate correctly.
On the thermostat box, the resistance is glued onto an aluminium plate (152x42) itself glued to the box.
When replacing the thermostat box, no components should be re-used, and this includes the wiring.
The wiring in the kit has terminals with fastons for connecting them to the compressor's terminal board; in the event of different solutions, then make the suitable adjustments as necessary.
Moreover, the thermostat box in the kit was obtained from the Giugiaro one (066229) with the Vossloh lamp holder and the Eltek switch. On this box, the position of the fixing hole was moved 15 mm up; therefore, on the models that are fitted with the Giugiaro thermostat box (048503), the hole on the cabinet should be remade before mounting the kit.
Moreover, on the models that use the hidden bulb thermostats, the position of the mark should be remade on the thermostat in the kit and, if necessary, the sheath protecting the bulb should be removed.

This is a list of the parts that make up the kit that are handled as spare parts:

New parts

066295 - LAMP HOLDER (VOSSLOH) 250V E14
066296 - GIUGIARO-VOSSLOH WHITE SWITCH ROD (L.110)
066294 - LIGHT SWITCH 250V NC (ELTEK)
048507 - WHITE-BLUE GIUGIARO THERMOSTAT KNOB
039131 - A13-0184/091X6483 CENTER POST THERMOSTAT
009888 - CABLE CLAMP
006522 - 220-240V/15W LAMP (E14)
048505 - LAMP COVER (GIUGIARO)
076442 - 6.5/7.7 W 220/240V RESISTANCE (FASTON)
032399 - TOGGLE SWITCH PROTECTION (21X15)
032395 - TOGGLE SWITCH 250V S.A1 (21X15)

n1025101: Disappearing bulb thermostats (warning!)

The apparatus that provide for the thermostat to be threaded into a small tube located inside the fridge cabinet are noted as versions with "disappearing bulbs".
The bulb must be inserted for a length equal to the position indicated on the colored ribbon (small mark) which confirms the correct position of the bulb in the evaporation area, otherwise causing the poor performance of the apparatus.
Therefore in cases of thermostat replacement it will be necessary to reset on the new, if missing, the same small mark position and always check that the thermostat bulb is completely devoid of the sheath so as to ease its insertion.
The entrance of the small tube, placed in the thermostat container, is protected by a perforation cover in order to avoid the formation of condensation. The perforation cover was initially situated externally and could be substituted with putty or silicone.
For the models with disappearing bulb thermostats, the spare parts are inclusive of the small colored marker,
however check that its position corresponds to that on the thermostat that will be replaced.
The spare part description always notes the position of the small marker in millimeters as well as the thermostat initials.

Example : 074519 = THERMOSTAT A13-0547 C. POST FASTEX (L.390)

n1025110: Little lids for the door panel for the right opening version Indesit 2000 - 600 mm wide

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From October 2001, little lids for door panel are available for the SAT code, to use on refrigerators and on combined-freezers (600mm wide), belonging to the series Indesit 2000, when the door opening is changed from right to left.
In fact, only on the product, which has the right hinges, the little lids of the piece of furniture are reversible; whereas those belonging to the door panel are specific for the right door opening.
The little lids for the version with left hinges are contained in specific coloured kit, which contain also the taps for closing the holes on a piece of furniture, which remain free on the opposite site of the central hinge.
It is important to remember that the holes to fix the central hinge are not present on the left site of the piece of furniture, when the door opening is converted. The holes are indicated only with a punching. The holes have been done after the work-ending with a 3mm bit

Kit of little lids for the door-panel of left version

084358 - WHITE KIT OF LEFT UPPER DOOR-COVERING
084361 - SILVER KIT VER-647 OF UPPPER LEFT DOOR-COVERING
084362 - BLUE KIT OF UPPER LEFT DOOR-COVERING
084363 - YELLOW KIT OF UPPER LEFT DOOR-COVERING
084364 - BEAVER-COLOURED KIT OF UPPER LEFT DOOR COVERING
084360 - ALUMINIUM-COLOURED KIT OF UPPER LEFT DOOR-COVERING

n1025112: Door panel covers for left-hand versions of the Indesit-2000 models with a width of 550 mm

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From the month of December-2001 the small covers for the door panels, are available for the SAT, to be used on combined fridges and freezers (width 550) of the Indesit 2000 range when the door opening is changed from right to left.
In fact, on the product with the right-hand hinge, only the small covers of the cabinet panel are reversible while those of the door panel are specifically for the right-hand hinge of the door.
The small covers for the versions with the left-hand hinge are handled in Kit form specified per color, which also contain the taps to close the cabinet perforations which remain open on the opposite side of the central hinge.
Please note that in performing the reversibility of the door opening, the drill holes for fixing the central hinge are not present on the left-hand side of the cabinet, but only indicated with punching. The drill holes should be effected using a drill point of 3 mm.

Small covers Kit for left-hand version door panels:

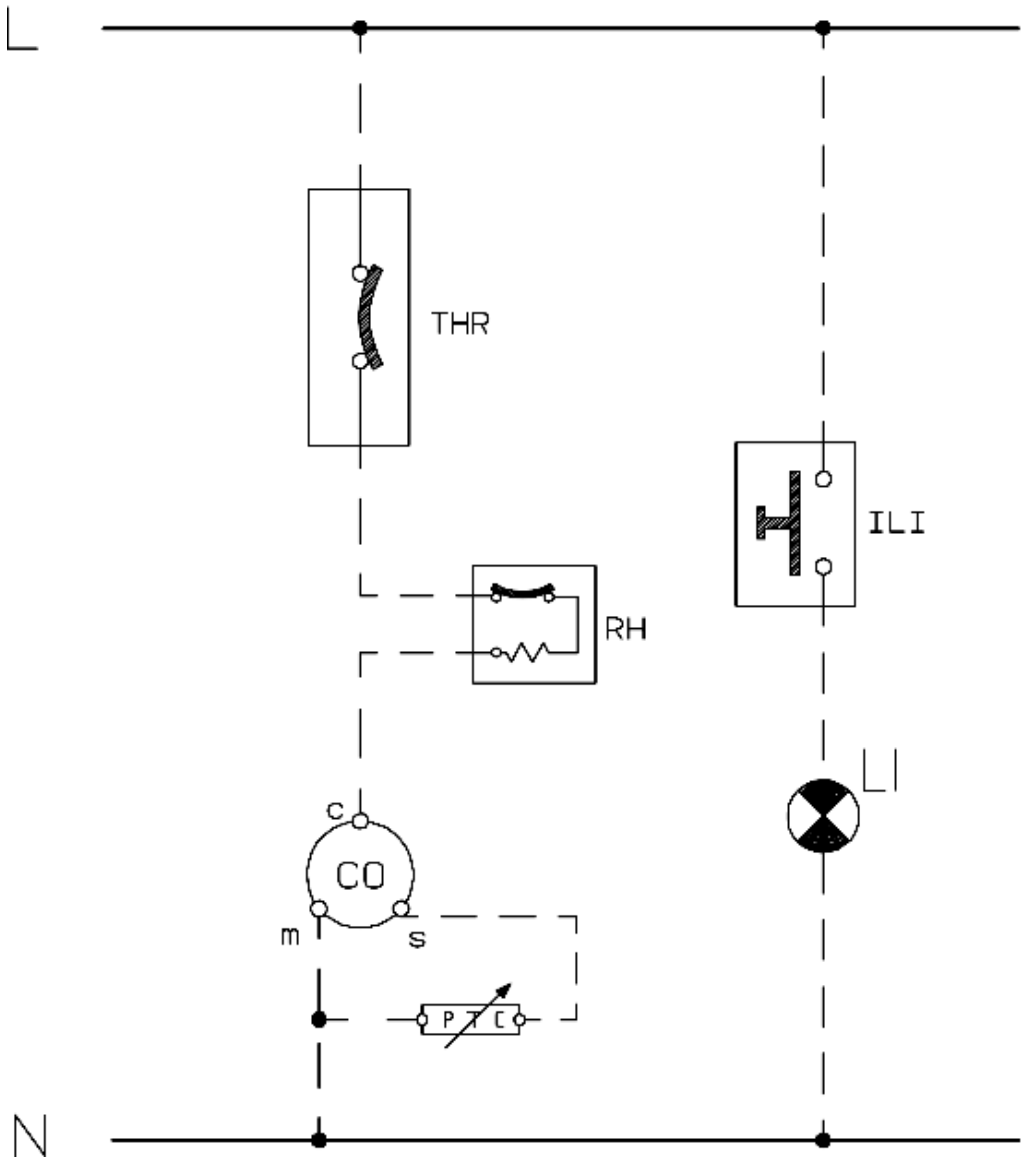
085303 - COVER (LEFT-HAND) UPPER DOOR WHITE KIT
085304 - COVER (LEFT-HAND) UPPER DOOR SILVER-647 KIT
085305 - COVER (LEFT-HAND) UPPER DOOR BLUE KIT
085306 - COVER (LEFT-HAND) UPPER DOOR YELLOW KIT
085307 - COVER (LEFT-HAND) UPPER DOOR BROWN KIT
142559 - COVER (LEFT-HAND) UPPER DOOR PW KIT

n2511k01: ICE TRAY STANDARDIZATION

Ice tray has been standardized in order to manage only 12cubes version.

Electric schemes and links

Cod. 514003b



Legend

Legend: 514003b

CM	Running capacitor	N	Neutral
CO	Compressor	PTC	PTC relay
FA	Radio anti-trouble filter	R	Heating resistance
IDS	Schackler with warning	RA	Ammetrical relay
ILFR	Push-button for fridge lamp/fan	RAN	Heating element condensation
ILFZ	Push-button for freezer lamp/fan	RFZ	Heating element condensation freezer
ILI	Lamp switch	RH	Thermal relay
IP	Door switch	RS	Defrosting resistance
IR	Line switch	RS1	Defrosting resistance no-frost evaporator
ISC	Warning light-freezing switch	RS2	Defrosting resistance no-frost gutter
IV	Fan-motor switch	SDC	CONTROL CARD DIAGRAM
L	Line	SL	Line warning
LFR	Fridge lamp	SND1	PROBE REFRIGERATOR EVAP.
LFZ	Freezer lamp	SND2	AIR-PROBE FREEZER
LI	Lighting lamp	SND3	AIR-PROBE REFRIGERATOR
M	Mass/Eart symbol	T	Erden
MO	Terminal board	TC	Turbocooling
MT	Timer motor	TF	Fuse-thermic
MV	Fan motor	THI	Thermostat switch
MVCO	Compressor compartment fan	THR	Adjustable thermostat