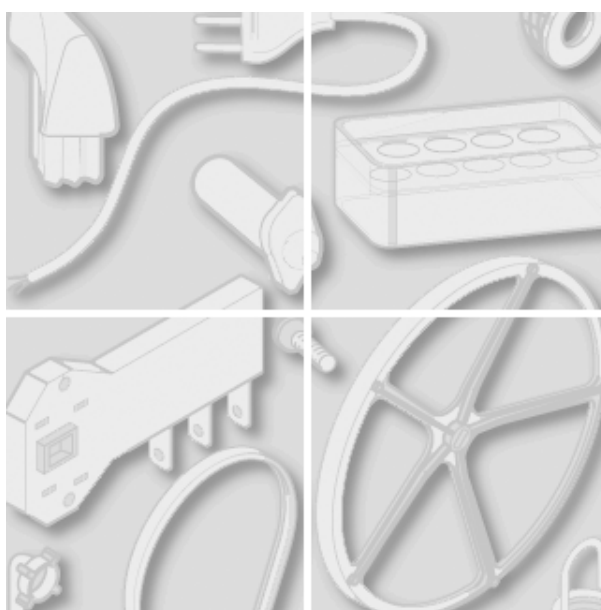




typ modelu:

ERFV402XSEU

Kod handlowy:

F016844

Informacje Główne

Przewodnik Dokumentacji Technicznej

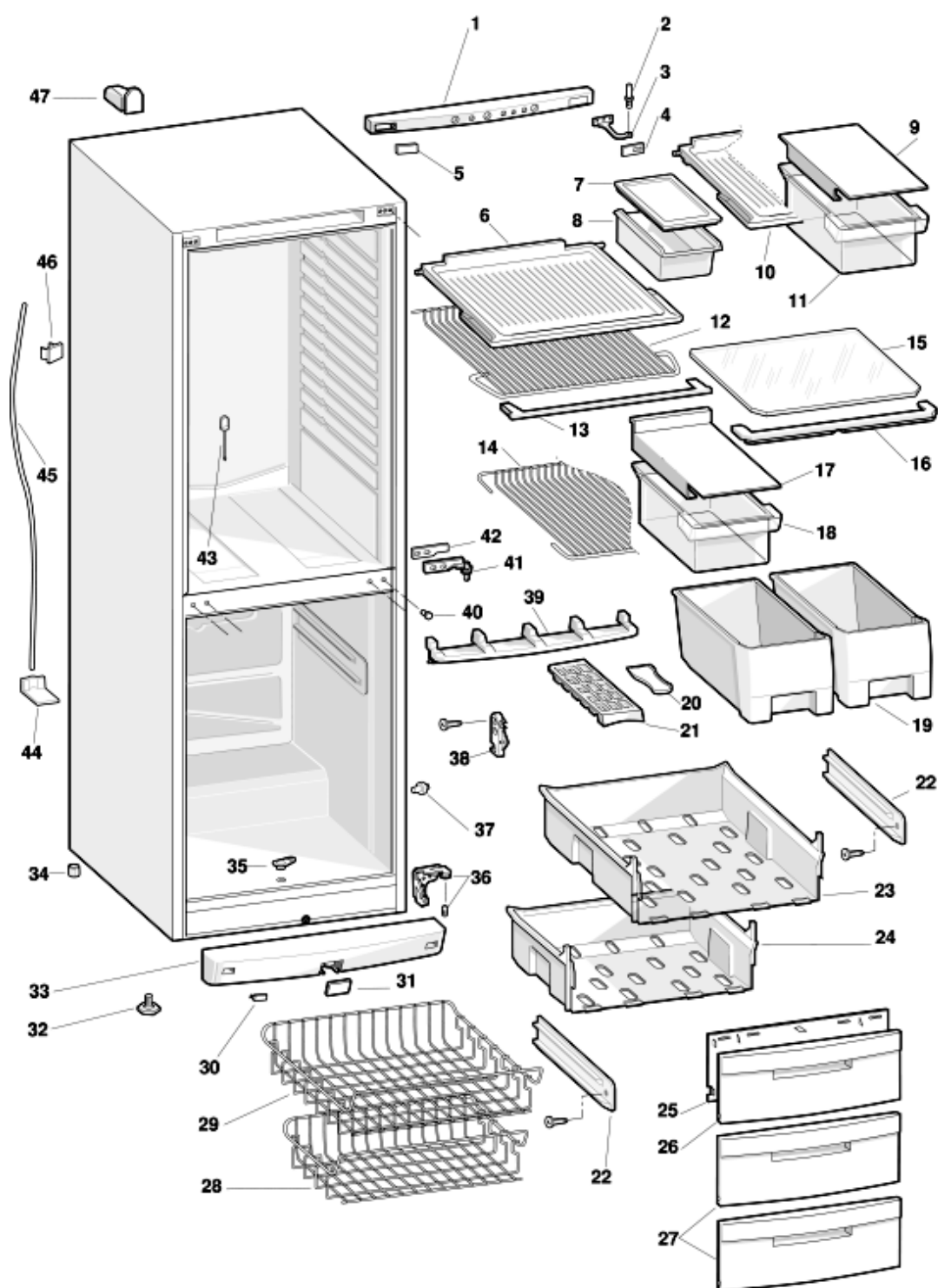
Możesz tutaj odnaleźć podstawowe informacje ułatwiające korzystanie z dokumentacji technicznej

1. Modele tej samej gamy posiadają wspólne rysunki, które przedstawiają najbogatszy zestaw części; generalnie wybrany model niekoniecznie posiadać będzie w spisie części wszystkie pozycje przedstawione na rysunku
 2. Niektóre części nie mogą być przedstawione bezpośrednio na rysunku (instrukcje użytkownika, zestawy montażowe itd.). Można je odnaleźć w liście części pod pozycją gdzie są zainstalowane lub pod pozycją 09
 3. W prawym górnym rogu każdego rysunku widnieje numer seryjny wskazujący początek produkcji danej gamy urządzeń. Niektóre modele mogą posiadać więcej niż jeden rysunek dla podanej kategorii, każdy inny dla różnych numerów seryjnych.
 4. Rysunki złożeniowe mogą wymagać dalszych uaktualnień po ich publikacji. Nowe części zostaną dodane do odpowiednich oznaczeń numerycznych rysunku. Oznaczenie kodowe modyfikacji rysunku zawarte jest w ostatnich 4 cyfrach numeru seryjnego przedstawionego w prawym górnym rogu rysunku.
 5. Lista części odnosząca się do danego rysunku zawiera spis części tylko dla wybranego modelu; dostępne są dodatkowe informacje dla każdej części.
- REF. Numer referencyjny do tabeli; SUBSTITUT: lista części które zastępują dany kod zachowując takie same charakterystyki funkcjonalne
- KOD HANDLOWY: lista wariantów modelu (pokazana w nazwie modelu) gdzie dana część jest zastosowana; UWAGA: kod informacji potrzebny do interwencji, prześledź zmiany aby poprawnie ustalić kod części
6. Niektóre notatki techniczne są ogólne dla danej sekcji, zatem nie mogą być związane tylko konkretną częścią. Aby poruszać się w dokumentacjach modelu sprawnie, pomocne jest czytanie notatek i monitorowanie uaktualnień dokumentacji.
 7. Okładka dokumentacji technicznej przedstawia model sprzętu oraz jego kod handlowy.

5182010a

rysunki

Matr. 70811.0002



5182010A

5182010a

Lista części

Ref.	kod	Od S/N	Do S/N	Zamiennik	opis	Notatka	kod
000	C00057144				user instructions bookletes erf402		
000	C00073734				instruction booklet (es-pt) rfv385-		
001	C00054177				control panel (600x50x36) -		
002	C00045998				sworzeń zawiasu górnego		
003	C00054148				zawias górny(m8) praw.-lew.		
004	C00054014				blanking plate (64x28) - chrome		
005	C00054015				blanking plate (64x28) chrome		
006	C00051967				taca szklana 521x319x11'ariston'		
009	C00050365				taca kaset. na mięso biał.		
010	C00051968				taca szklana kaset.		
011	C00050364				poj. na mięso ziel.-31 lxpxh		
015	C00045945				szkło pokrywy pojemn. na		
015	C00051641			1 x C00045945	szkło pokrywy pojemn. na warz.		
016	C00045952			1 x C00048477	trim (539x23-crisper cover) -		
019	C00045976				pojemnik na warzywa-93 biał.		
020	C00003261				skrobak do lodu (730412)		
021	C00045973			1 x C00019414	miseczka na lód	n2513g00	
022	C00042177				basket slide rh - (288x35x9) -		
022	C00042178				basket slide lh (288x35x9) - white		
023	C00046762				middle drawer - white		
024	C00046763				lower drawer - white		
025	C00048244				okienko wewn. freeze białe		
026	C00048247			1 x C00045966	drzwiczki fast freeze biał.		
027	C00045966				drzwiczki freeze biał.		
028	C00045942				freezer basket lower		
029	C00045941				kosz środkowy biały (lpx		
030	C00048428				blanking plate (19x14) -		
031	C00048429			1 x C00048430 1 x C00081961	drzwiczki cokół chromowany'rf-		
032	C00053419				nóżka regulowana d.17,7x37,5		
033	C00048430			1 x C00081961	front base		
033	C00081961				cokół chromowany ze spustem		
034	C00017766				docisk h=18 mm 'df230'		
035	C00031177				zatyczka spustowa biał. d.10,5		
036	C00046105				zawias dolny (m6) praw.-lew.		

5182010a

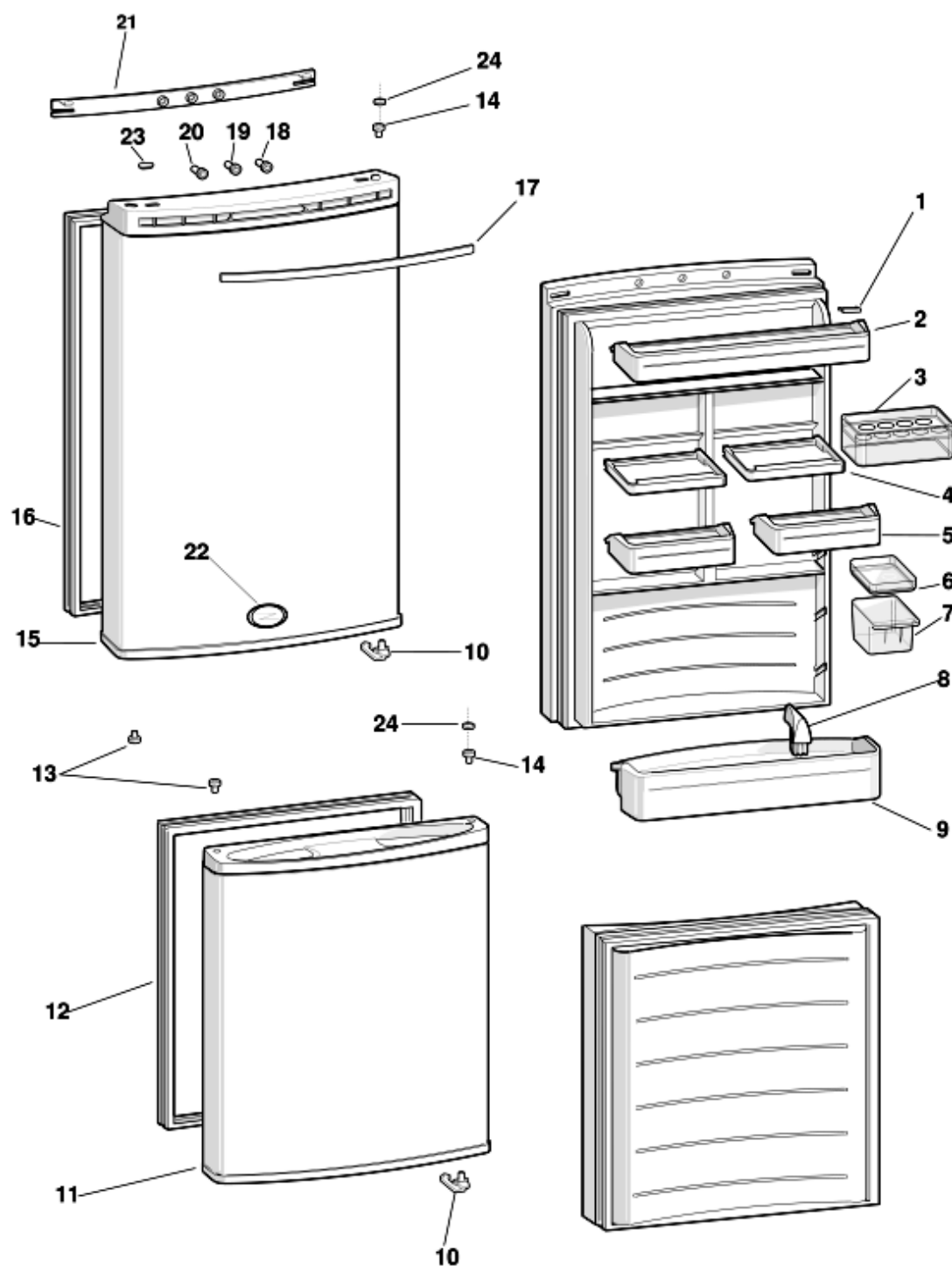
Lista części

Ref.	kod	Od S/N	Do S/N	Zamiennik	opis	Notatka	kod
037	C00022468				ogranicz. pojemn. biał.'up130'		
038	C00045967				zamknięcie zatrzaskowe biał.		
038	C00045968				zamknięcie zatrzaskowe biał. lew.		
039	C00045971				wspornik tacki na lód biał. 489x4		
040	C00011286			1 x C00114785	nakładka na otwór biała d.4,5x8		
041	C00053838			1 x C00144850	zawias środkowy chrom.'żelazo		
042	C00053968				podstawa zawias środk. 1		
043	C00045965				skrobak do chłodziarki		
045	C00031183			1 x C00282165	defrost water hose d.9,5x110 cm		
046	C00024984				pipe clamp - self adhesive		
047	C00015332				przekładka kondensator		

5182110a

rysunki

Matr. 70811.0003



5182110A

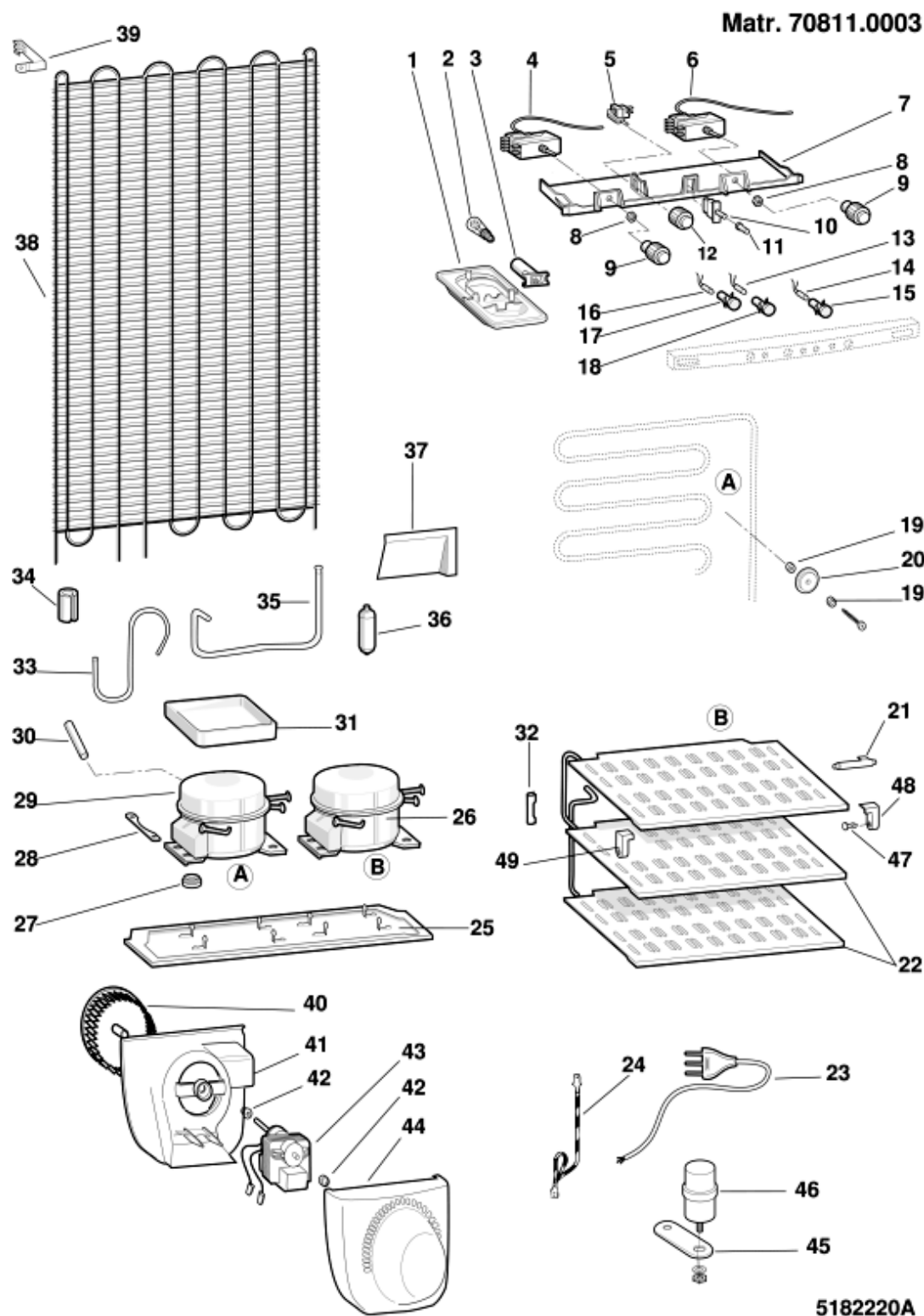
5182110a

Lista części

Ref.	kod	Od S/N	Do S/N	Zamiennik	opis	Notatka	kod
001	C00048419				blanking plate (49x11) -		
002	C00045935				półka na puszki biał. zielony		
003	C00023312				pojemnik na jajka:9 szt. biały		
003	C00045929			1 x C00172158	egg tray (236x66x96) -		
004	C00045922				door shelf hinged (226 mm) -		
005	C00046063				półeczka biała (1xh		
006	C00045927				pokrywa pojemnik mały zielona-		
007	C00045928				pojemnik na drz. wew. zielon.-31		
008	C00045934			1 x C00117263	przekładka półki na butelki biał.		
009	C00045930			1 x C00063294	bottle shelf (521x95x122 mm) -		
010	C00046085				tulejka zamykanie drzwi praw		
010	C00046108				tulejka zamykanie drzwi lew		
010	C00082894				tulejka zamykanie drzwi lew		
010	C00082899				tulejka zamykanie drzwi praw		
011	C00054687			1 x C00054019	freezer door 593x709x74 -		
013	C00048417				blanking plug (h.14 d.13,8/9,5) -		
014	C00016387				tulejka szara 4 mm'zawias drzwi'		
014	C00024268				hinge bush 7 mm - grey		
014	C00041825				grey door bush 2,5 mm		
014	C00041826				grey door bush 1 mm		
015	C00054688				drzwi chłodz.wypukł. inox		
017	C00048420				insert strip (door top controls) -		
018	C00045913				indicator light - red		
018	C00059880				indicator light - red		
019	C00045914				indicator light - yellow		
019	C00059881				indicator light - yellow		
020	C00045915				indicator light - green		
020	C00059882				indicator light - green		
021	C00054027				rear cover strip(door top controls)-		
022	C00057565				name plate ariston - air (silver)		
024	C00034618				plastic washer 12x6,4x2 mm -		

5182220a

rysunki



5182220a

Lista części

Ref.	kod	Od S/N	Do S/N	Zamiennik	opis	Notatka	kod
001	C00054000				oprawka do		
002	C00006522				żarówka 220-240v/15w (e14)		
003	C00031233				oprawka żarówki(libero		
004	C00057145				termostat chłodziarki a13-		
004	C00059188				termostat chłodziarki a13-0497		
005	C00044505				wyłącznik n-s (v4z-330048)		
006	C00031237				termostat freezer		
007	C00054001				podstawa panel sterow.		
009	C00048432				knob -thermostat d.6 mm		
010	C00053997				lamp push button nc 250v		
011	C00054024				cover (lamp push button) - chrome		
012	C00048433				knob - (0/1 fast freeze switch) -		
013	C00054003				lampka kontrolna żółt.		
014	C00054004				lampka kontrolna czerw. 220v		
015	C00048252				lens - red (indicator light signal		
016	C00054002				lampka kontrolna zielon.		
017	C00048254				lens - green (indicator light signal		
018	C00048253				lens - yellow (indicator light		
019	C00032050				seal (pfis.4087) - thermostat		
019	C00041042				uszczel. ograniczn. czarn.oring		
020	C00031906				ogranicz. termostatu biał.'indes.		
021	C00041978				wspornik par. freezer biał.		
022	C00045979			1 x C00065708	freezer evaporator 468x412 r134	n1030006	
022	C00065708				parown. zamrażalnik(al) 2-siln.		
023	C00008598				kabel zasil.3x0,75 eu mm 2500		
025	C00031224				mounting channel - 2 compressors	n1030021	
026	C00046374			1 x C00059960	kompresor danfos tles6f 220-		
026	C00057009				kompres.tles6f 220-240/50 r134a	0518016	
026	C00085076			1 x C00057010	compres.danfos tly5fk 220-		
027	C00032453				guma amortyzatora 'embraco em-		
028	C00008471			1 x C00193590	fixing plate - compressor (750908)		
028	C00032744				fixing plate - compressor		
029	C00057010				kompres.tles5f 220-240/50 r134a	0518016	
029	C00085077			1 x C00851121	kompres.danfos tles4f 220-240/50		
029	C00144748				kompres. tles5f 220-240/50 1/5		

5182220a

Lista części

Ref.	kod	Od S/N	Do S/N	Zamiennik	opis	Notatka	kod
030	C00008727				rura doprowadzająca de.5,8x180		
030	C00043021				rura lokring z zaworem (6 nfmssv)		
030	C00056668				rura doprowadzająca de.6x247		
031	C00103362				zbiorn.skropl. skraplacz		
032	C00028787				phial clamp		
034	C00037341				anti vibration rubber bush		
036	C00042334			1 x C00266179	filtr tł.12 (d.1,95/d.4mm) gaz.		
038	C00056669				condensator armco 504x1208		
038	C00063784				condensator armco 504x1368		
038	C00076487				condenser imat 4-vie		
039	C00031218				support 40x36mm - condenser		
039	C00063785				support (44x34mm) - condenser		
041	C00054911				wspornik silnik. wentylatora		
042	C00025215				guma silniczka wentylow.re'no-		
043	C00054908				silnik wentyl. 220-240/50-60	n1030038	
044	C00055007				cover - fan motor		
045	C00046312				capacitor fixing plate (750908)		
046	C00058962				kondensator roboczy 3mf(ducati)		
047	C00014612				ekspander		
048	C00043837				ogranicz. płyty biał. praw.		
049	C00043838				ogranicz. płyty biał. lew. 'krf3100-		

Notatki

0518016: COMPRESSORI DANFOSS TUBI PIEGATI

As of the month of April '98 (serial no. 80410.0001), the Danfoss compressors are being used in place of the Necchi models on the "competitive" Ariston and Indesit refrigerators (2 motor version).

The Danfoss compressors being used have the service, intake and drain tubes bent at an angle of 90° and turned upwards. This makes them not interchangeable with respective Danfoss models with the inclined tubes (050298=TL4F - 054725=TL5F - 046374=TL6F).

See fig.5152369B.

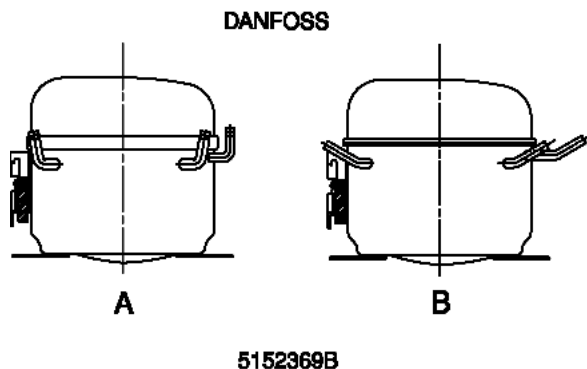
Below is a list of Danfoss compressors with bent tubes (TP):

057138- TL4F Compressor (fridge) for 280-352-382 liter combos;

057009- TLS6F Compressor (freezer) for 320-352-382-402 liter combos;

057010- TL5F Compressor (fridge) for 402 liter combos.

The Danfoss compressors use a condenser (056669) which is different than the one used for the Necchi compressors (047410).



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)

n1030006: Embossed aluminium freezer evaporators for 600 mm wide combo appliances.

From October 99 (serial no. 910040001), production at Carinaro has been using the embossed aluminium freezer evaporator on 600 mm wide combo appliances, 1-2 motor versions for gas R134a-R600. Previously, the evaporator was paint finished. The modification concerns all Ariston, Indesit and Philco models.

Apart from the equipment to fix the upper plate onto the furniture unit walls, the old evaporators are interchangeable with the new ones.

On aluminium evaporators, the upper plate is fixed to the furniture unit by the right-hand (043837) and left-hand (043838) plate stops, which are fixed by the rivet (014619). On the other plates, the evaporator supports (041978) are used to fix them on the walls, which is the same as for the paint finished evaporators.

The new embossed evaporating groups are the following:

065706 - 330 and 380 litre combo appliances with 1 motor

065707 - 350 and 290 litre combo appliances with 1 motor

065708 - 370 and 400 litre combo appliances with 2 motors

065709 - 335 litre combo appliances with 2 motors

n1030021: Compressor cross piece with wheels on 2/Motor 600 wide combo Ariston - Indesit appliances (Oct. 98)

As of October '98, production at Carinaro has been using the compressor cross piece with wheels on all Ariston and Indesit models of combo freezers, 2-motor versions (600 mm wide).

This cross piece is handled as a spare part with the SAT part no. 031224 of the previous one which didn't have wheels.

New parts

031224 - 2-COMPRESSOR CROSS PIECE (10/98 WHEELS)

601728 - WHEEL PIN

603502 - SMALL WHEEL

n1030023: Ventilated base on Ariston rounded combo appliances 600 wide (Carinaro)

As of April/May '00 (serial no. 00429.0001), production at Carinaro (Italy) has assembled a new base with slots for air-flow on all Ariston models in white with rounded aesthetics (600 mm wide), relative to the combo freezers, upright freezers and single door refrigerators.

For the tek models with the brown base (castoro-18), production began in October '00 (serial no. 01018.0001).

For the stainless steel models with the chromed base, production began in March '01 (serial no. 10312.0001).

The new bases can also be assembled on the pre-modification models, but they need the addition of the flap door.

New parts

074975 - WHITE BASE + DRAIN 596X78X63 (VENTILATED)

074976 - WHITE BASE FLAP DOOR (VENTILATED)

076490 - CASTORO BROWN BASE + DRAIN 596X78X63 (VENTILATED)

076491 - CASTORO BROWN BASE FLAP DOOR (VENTILATED)

081961 - FRONT BASE MOULDING(DRAIN)596X78X63-CHROME

Parts replaced

045985 - WHITE BASE + DRAIN 596X78X63

045986 - WHITE BASE FLAP DOOR

046107 - CASTORO BROWN BASE + DRAIN 596X78X63

046106 - CASTORO BROWN BASE FLAP DOOR

048430 - FRONT BASE MOULDING(DRAIN)596X78X63-CHROME

048429 - BLANKING PLATE (DRAIN SPOUT) - CHROMIUM

n1030037: New compressors Danfoss (high efficiency) - bent tubes on combined 2-engined products (Carinaro)

From September-2001 the production of Carimano (Italy) is using on the combined, ventilated products Ariston, which are convex and 2-engined, new compressors Danfoss 220-240V/50Hz (gas R134A) (high efficiency):

- section of freezer TLY5FK (with running condenser)

- section of fridge TLES4F

in substituting the preceding ones Dansfoss:

- section of freezer TLS6F

- section of fridge TL4F - TLS4F

We remind you that compressors, used on the combined and 2-engined products, have service tubes, aspiration and drain: these are of 90° bent and turned upward. For this reason these kinds of compressors are not interchangeable with the compressors Danfoss with the bent tubes (see Figure 5152369B).

New components:

085076 - COMPRESSOR DANFOSS TLY5FK 220-240/50 R134A T/P

085077 - COMPRESSOR DANFOSS TLES4F 220-240/50 R134A T/P

046312 - PLATE FOR FIXING CONDENSER

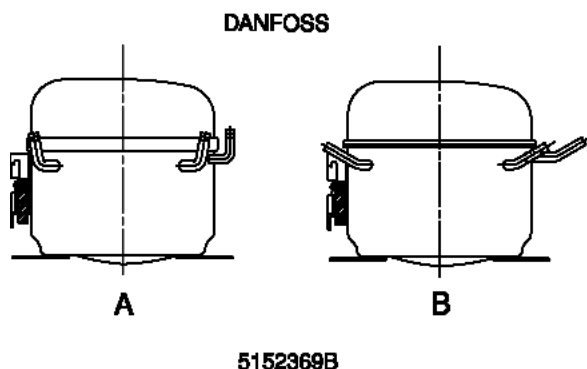
085962 - RUNNING CONDENSER 3 MF (DUCATI)

Substituted components:

057009 - COMPRESSOR DANFOSS TLS6F 220-240/50 R134A T/P

057138 - COMPRESSOR DANFOSS TL4F 220-240/50 R134A T/P

P.S. T/P means bent tubes



n1030038: Motor-ventilator MES (F61-10) with the tangent fan (for models Air)

The motor fan (code 054908) is provided as spare part without the female 2-way block faston, which is used to connect the wiring harness of the piece of furniture, on which the male 2-way block faston is built up.

In general, the female block can be taken back from the product; but when this is not possible, use the two blocks, which have the following codes: male (081107) and female (081108).

n1030047: Combined Ariston ERFV402XS (16844) Carinaro/Setubal production

From the month of November - 2001 the model ERFV402XS (16844) has been produced in two diverse plants : Carinaro (Italy) and Setubal (Portugal).

The Portuguese production differs to the Italian production in relation to the following spare parts :

073734 - INSTRUCTION BOOKLET (ES-PT) RFV385-405L

059188 - FRIDGE THERMOSTAT A13-0497 CENTER POST (vanishing bulb)

051641 - CRISPER COVER 527X318X4(CORNERS 45°) Setubal

Fridge door

024268 - GREY BALANCE 7 MM

082894 - GREY LEFT DOOR CLOSURE BALANCE 49°

082899 - GREY RIGHT DOOR CLOSURE BALANCE 49°

059880 - RED LED LIGHT (on the door panel)

059881 - YELLOW LED LIGHT (on the door panel)

059882 - GREEN LED LIGHT (on the door panel)

Freezer door

048417 - BALANCE CHROMED TAP H.14 D.13,8/9

041825 - GREY BALANCE 2.5 MM

082894 - GREY LEFT DOOR CLOSURE BALANCE 49°

Compressor /condenser

046374 - DANFOSS COMPRESSOR TLS6F 220-240/50 R134A (freezer compartment)

064496 - DANFOSS COMPRESSOR TLES5F 220-240/50 R134A (fridge compartment)

063784 - ARMCO CONDENSER 504X1368 DANFOSS '4/WAY'

The Danfoss compressors do not have tubes bent at 90° and are turned upwards, as described in notices 0518016 and N1030037.

The modifications described in the following notices: 0518016 - N1030006 - N1030021 - N1030023 - N1030037 - N1030038 - N1025101 : have been carried out on the Italian production for this model.

The notices N1030021 - N1030023 - N1030038 - N1025101 relate to both the Carinaro/Setubal production.

Determining the production origin of the model is possible via the name of the manufacturer noted on the registration number plate :

- Italian production (made in ITALY);

- Portuguese production (made in E.E.C or Fabricado in Portugal).

n1030048: Combined Ariston ERFV382XS (16841) and ERFV402XS (16844) SETUBAL production.

From the month of January 2002 (registration no. 20123.0001) the models ERFV382XS (16841) and ERFV402SX (16844) produced in Setubal (Portugal) have been accessorized with three plastic drawers (one lower and two intermediate for the central and upper levels).

The previous production used two small baskets (one lower and one intermediate) and in the upper level a fast freezer compartment. This (048247) compartment, lacking a counter-door (048244), is now mounted on the intermediate drawer of the upper level, while the doors (045966) that were mounted on the small baskets are now used on the other two drawers.

New item codes:

046763 - LOWER DRAWER - WHITE

046762 - MIDDLE DRAWER - WHITE

Replaced item codes:

048244 - FREEZER DOOR FLAP (INNER) 464X180X9-WHITE

045968 - HINGE LH (H.70X20 FREEZER FLAP DOOR) - WHITE

045967 - HINGE RH (70X20-FREEZER FLAP DOOR) - WHITE

045942 - FREEZER BASKET LOWER (464X190X241) - WHITE

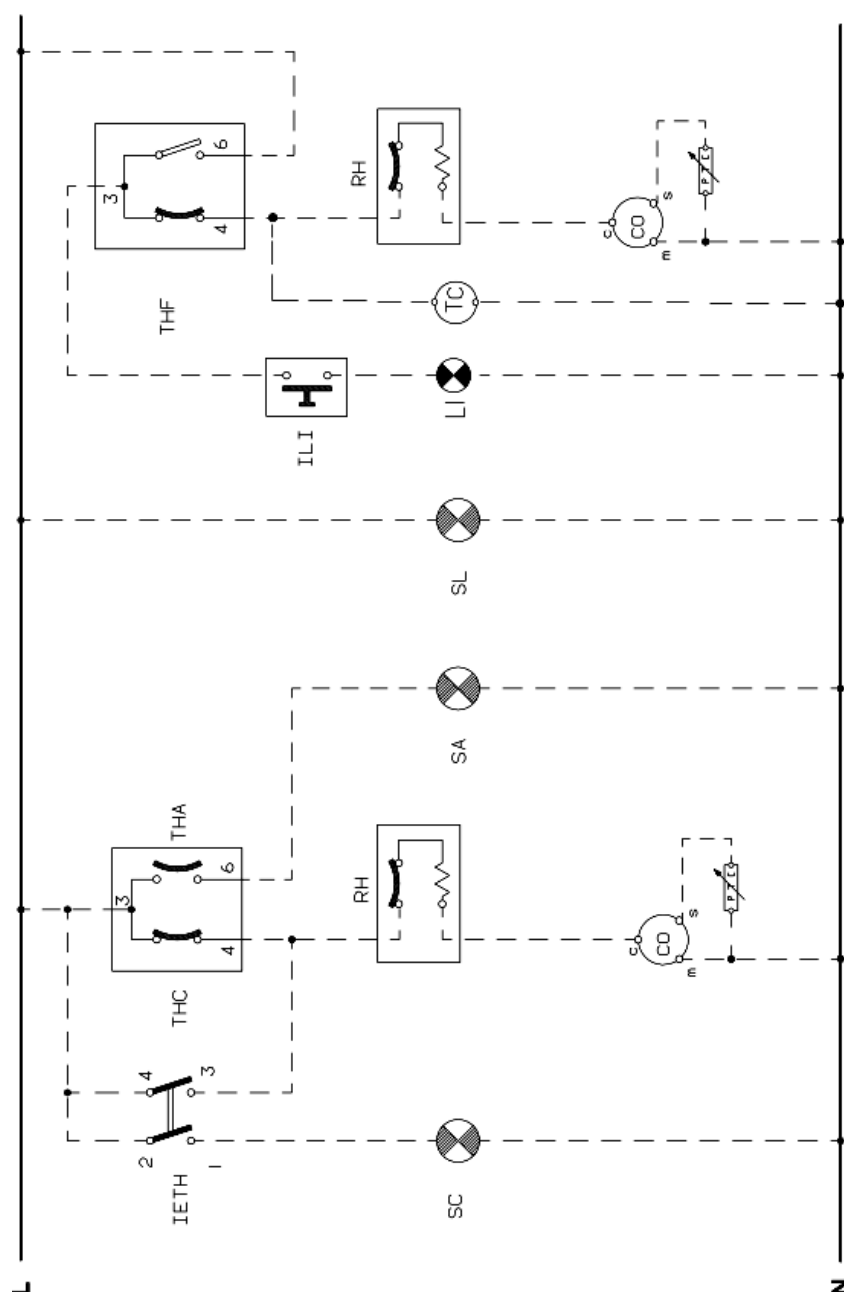
045941 - FREEZER BASKET MIDDLE (464X405) - WHITE

n2513g00: ICE TRAY STANDARDIZATION

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

Schematy elektryczne i linki

Cod. 518006b



Legenda

Legenda: 518006b

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	Earth
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