



Service-Information

Kombination No Frost Stand-
Kühlgerät
ARC 7550/IX

8501 755 11047

Letzte Änderung: 07.06.2008

Anlagedatum: 07.06.2008

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Die vorliegenden Serviceunterlagen sind ausschließlich für technisch qualifizierte Fachkräfte bestimmt, welche mit den entsprechenden einschlägigen Sicherheitsvorschriften vertraut sind.

Änderungen vorbehalten

Ersatzteilliste

Pos-Nr.	12NC	Beschreibung
001 2	4812 525 18014	Fuehrung
002 0	4812 464 18186	Abdeckung
002 1	4812 157 48001	Distanzstueck
004 0	4812 464 28054	Traverse
011 0	4812 462 18263	Fuss verstellbar
012 1	4812 528 78062	Laufrolle
012 2	4812 535 78074	Drehstift
024 1	4812 462 28773	Abdeckung
040 0	4812 417 19434	Scharnier oben
040 2	4812 417 19432	Scharnier unten
040 3	4812 417 19435	Scharnier mitte
040 4	4812 417 19436	Scharnier mitte
040 7	4812 417 78154	Scharnierabde.
040 8	4812 417 78153	Scharnierabde.
045 2	4812 226 08025	Stift Scharnier
084 3	4819 529 18093	Gummipuffer
101 0	4812 416 10048	Tuer Gefrieren
104 0	4812 416 10294	Tuer Kuehlen
105 0	4812 532 88056	Buchse AL
105 1	4812 532 88075	Schutzhuelse
105 2	4812 532 88073	Schutzhuelse
110 0	4812 498 18353	Handgriff Tuer unten INOX
110 1	4812 498 18352	Handgriff Tuer oben INOX
111 7	4812 459 18218	Logo
152 0	4812 418 28749	Tuerfach oben bedruckt
152 1	4812 418 28751	Flaschenfach bedruckt
152 5	4812 418 28748	Trennteil Flaschen
153 4	4812 418 28752	Flaschenrechen
153 8	4812 418 88754	Tuerfach Gefrieren bedruckt
154 0	4812 418 28753	Tuerfach unten bedruckt
154 2	4812 404 78552	Buchse Tuerfach
154 4	4812 526 48195	Rundstab(Halt.) Kuehlen
154 5	4812 526 48196	Rundstab(Halt.) Gefrieren
155 0	4812 418 28754	Eierhalter
156 0	4812 418 28471	Schale Eiswurf
190 1	4819 466 98957	Dichtung
191 0	4812 466 68822	Magnetdichtung grau
191 1	4812 466 68823	Magnetdichtung grau
201 0	4812 462 28895	Frontabdeckung
201 1	4812 442 29332	Umluftklappe
201 2	4812 462 28896	Abdeckung
201 4	4819 462 79776	Abdeckung
231 2	4812 404 18527	Traeger Schalterleiste Geh.
232 0	4812 418 29739	Verdunstersch.
240 5	4812 418 89044	Lueftungsg.oben Schublade
241 0	4812 418 68334	Schublade
241 2	4812 418 68299	Schublade
241 4	4812 418 48689	Korbabdeckung
241 5	4812 418 48733	Korbabdeckung bedruckt
242 0	4812 418 79989	Gemueseschale

Pos-Nr.	12NC	Beschreibung
242 2	4812 418 28907	Schublade
243 0	4812 535 78093	Stift
244 6	4812 418 28747	Trennteil Schublade
244 7	4812 262 78032	Frontklappe
246 0	4812 418 48742	Deckel Fach bedruckt
246 2	4812 418 48889	Schale
255 0	4812 450 88388	Glasplatte unten bedruckt
255 1	4812 450 88389	Glasplatte bedruckt
255 4	4812 450 88331	Glasplatte
256 0	4812 223 18438	Luftmengenregl.
256 1	4812 462 38253	Stift
257 7	4812 404 49656	Rastrnase
257 8	4812 404 49657	Rastrnase
261 0	4812 468 18336	Schiene rechts Rost
261 1	4812 468 18335	Schiene links Schublade
261 2	4812 462 38223	Schiene Ablage + Stift
264 0	4812 528 78073	Laufrolle hinten Schublade
264 1	4812 528 78074	Laufrolle vorn Schublade
301 0	4812 464 69176	Schalterleiste
301 1	4812 440 98137	Abdeckung regulator
301 4	4812 462 28756	Abdeckung
301 5	4812 462 28767	Abdeckung
356 0	4812 214 70103	Eingabe Electr.
402 0	4812 360 58114	Kompressor NBT1114Y
402 1	4812 418 70024	Schale Kompr.
402 2	4819 360 48014	Ventil Klappe
420 0	4812 120 28053	Kondensator 5ËF
440 0	4819 361 18428	Lueftermotor
440 5	4812 445 28036	Luftverteiler Filter Microban
442 3	4819 462 79775	Abdeckung
443 0	4819 515 48034	Luefterrad Ven.
451 0	4812 259 48194	Abtau-Heizung
451 1	4812 259 48205	Abtau-Heizung
480 0	4812 321 78255	Kabelbaum
480 1	4812 321 78254	Kabelbaum
491 3	4812 290 88084	Deckel Klemmk.
521 0	4812 214 79746	Kontrolleinheit
561 2	4812 290 88112	Kabelfuehrung
562 0	4812 282 28281	Thermostat Bimetall
614 0	4812 280 68373	Monoblock
616 0	4812 281 18067	Reedkontakt Lampenschalter
651 0	4812 134 88074	Lampe
656 0	4812 460 98098	Deckel Lampe
691 4	4812 462 28774	Fuehlerabdeck.
691 7	4812 310 28289	Sensor Kit
740 0	4812 511 48424	Verfluessiger
740 1	4812 462 28448	Halter
743 0	4812 440 79195	Luftverteiler
743 1	4812 404 78757	Traeger
746 0	4812 511 38331	Verdampfer

Pos-Nr.	12NC	Beschreibung
762 0	4812 480 48172	Hygiene+ Filter (Whirlpool)
764 0	4819 526 48527	Filtertrockner
783 0	4812 530 29215	Rohrleitung
965 0	4812 226 08033	Stecker
965 1	4812 226 08012	Stopfen AL
965 2	4812 226 08031	Stecker
965 7	4812 226 08011	Stecker AL
965 8	4812 462 28754	Stecker
965 9	4812 462 28753	Stecker

Technische Daten

Fabrik Nr.

..... CB 356 W

Abmessungen + Gewicht

Abmessungen Gerät

Höhe	189.0 cm
Breite	60.0 cm
Tiefe	66.0 cm

Nennkapazität

Gesamt	
Brutto	331 l
Netto	309 l
Kühlen	
Brutto	230 l
Netto	230 l
Gefrieren	
Brutto	101 l
Netto	79 l

Elektrische Basisdaten

Spannung	220 V - 240 V
Frequenz	50 Hz

Anschlusswert

in 24 Std. 1.01 kWh

Gefriervermögen

in 24 Std. 7 kg

Kompressor

Typ	HTK 12 AA
Kälteleistung(CECOMAF)	149 W

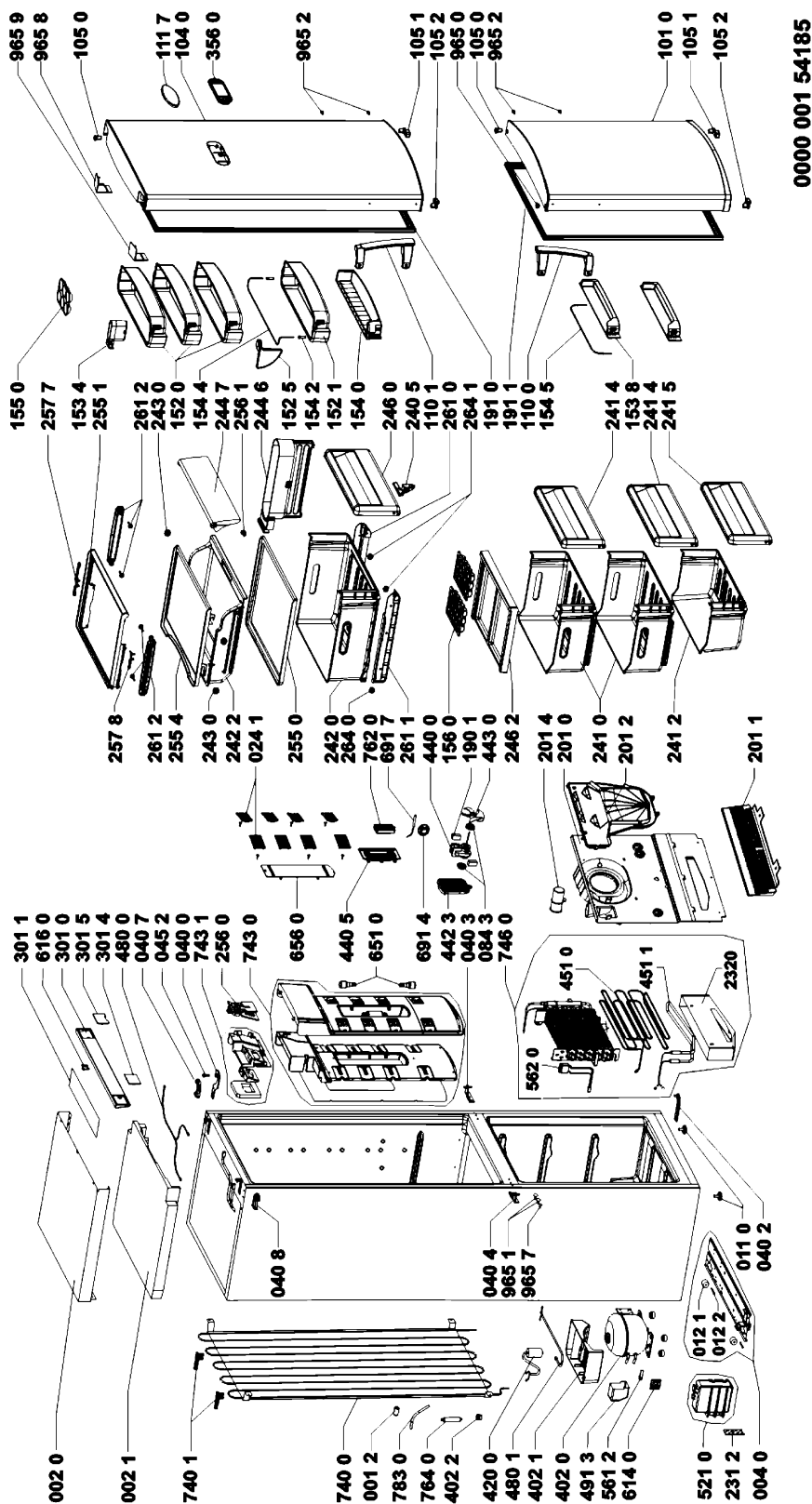
Kältemittel

Typ	R 600 a
Menge	39 g

Thermostat

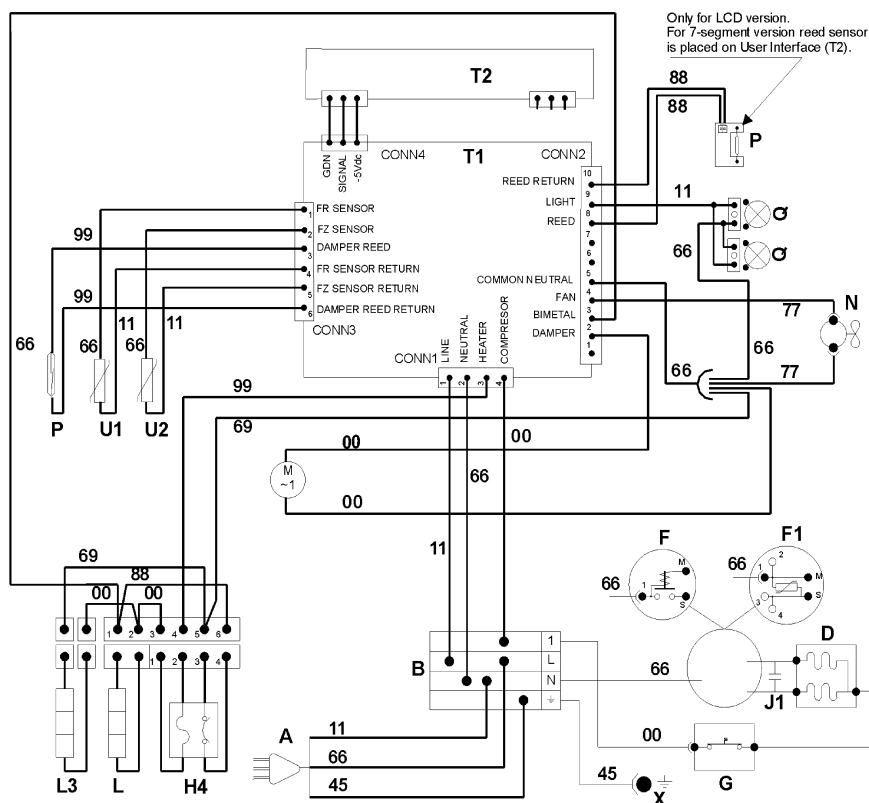
Typ	
Elektronik	

Explosionszeichnung

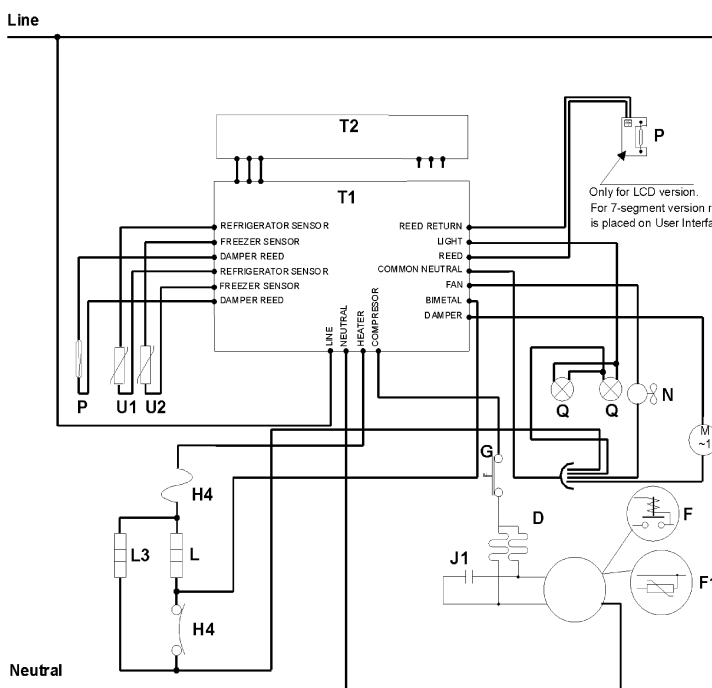


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Stromlauf-Anschlussplan



- A PLUG
- B MAIN CONNECTING BLOCK
- D REFRIG. COMPRESSOR
- F STARTING RELAY
- F1 P.T.C.
- G OVERLOAD PROTECTOR
- H4 BIMETAL + THERMOFUSE
- J1 RUNNING CAPACITOR
- L DEFROST HEATER
- L3 HEATER
- N FAN-MOTOR
- Q LAMP
- P REED SENSOR
- T1 ELECTRONIC MODULE
- T2 USER INTERFACE
- U1 REFRIGERATOR SENSOR
- U2 FREEZER SENSOR
- X COMPRESSOR EARTHING
- 00 BLACK
- 11 BROWN
- 22 RED
- 33 ORANGE
- 66 BLUE
- 77 VIOLET
- 88 GREY
- 99 WHITE
- 45 YELLOW-GREEN



4619 523 50291

Text /Legende

Service test routine .

The purpose of this routine is to verify if LCD icons/segments, buzzer, buttons, backlight are working properly and to verify the loads/feedback.

This routine must be accessed only within 8 minutes after the appliance plug-in. To engage this routine the Service shall follow the steps below:

- 1) Power Off the Product;
- 2) Power Up the Product;
- 3) Within 8 min. open and close fridge door;
- 4) Press and hold 'OK' Button;
- 5) Press and hold '+' Button;
- 6) Press and hold '-' Button;
- 7) Press and hold 'Menu' Button;
- 8) Release all buttons after a buzzer signal (approx. 3s);

With 5 buttons (without "OK") it is possible to test the LCD icons, buzzer and the backlight in the following way:

- Pushing the STAND-BY button of upper compartment all the icons of the upper row of the glass are switched ON and OFF alternately;
- Pushing the MENU button all the icons of the middle row of the glass are switched ON and OFF alternately;
- Pushing the STAND-BY button of lower compartment all the icons of the lower row of the glass are switched ON and OFF alternately;
- Pushing the "+" (plus) button the Buzzer is switched ON and OFF alternately;
- Pushing the "-" (minus) button the LCD Backlight is switched ON and OFF alternately;

Verifying the loads

On the fridge row the current tests' step is displayed. Each step can be skipped by pressing "OK" button

STEP 5: COMPRESSOR TEST

During this step compressor shall be *ON*.

STEP 4: DAMPER TEST

Turn *ON* the damper.

While *ON* - damper motor is continuously driven; when the damper feedback detects OPENED position the inside lamp is switched *ON*; when damper feedback detects CLOSED position the lamp is switched *OFF*. OPEN and CLOSE state lasts for about 15 seconds each.

After finishing this step damper shall go to OPEN position.

STEP 3: FAN TEST

During this step fan shall be *ON*.

STEP 2: DOOR SWITCH TEST

When door switch (reed sensor) is OPENED the lamp is switched *ON*, otherwise it is switched *OFF* (like during normal work of appliance).

STEP 1: HEATER AND BIMETAL TEST

During this step heaters shall be *ON*.

When Bimetal is OPENED, internal light is *ON*.

When Bimetal is CLOSED, internal light is *OFF*.

NOTE: due to safety reasons when the heaters are *ON*, a timer shall be started. After time longer than 2 mins., heaters shall be disconnected automatically.

STEP 0: TEST PROGRAM END

Test Program is finished and all the loads are switched *OFF*. The appliance shall go to normal operation.

4812 900 08011

Text /Legende

NTC resistance vs. temperature table

T [°C]	R [Ω]	T [°C]	R [Ω]	T [°C]	R [Ω]	T [°C]	R [Ω]	T [°C]	R [Ω]
-40.0	90721	-26.0	37221	-12.0	16564	2.0	7911	16.0	4022
-39.5	87739	-25.5	36111	-11.5	16114	2.5	7714	16.5	3930
-39.0	84867	-25.0	35039	-11.0	15678	3.0	7523	17.0	3840
-38.5	82098	-24.5	34002	-10.5	15255	3.5	7337	17.5	3753
-38.0	79431	-24.0	32999	-10.0	14845	4.0	7156	18.0	3668
-37.5	76859	-23.5	32029	-9.5	14446	4.5	6980	18.5	3585
-37.0	74381	-23.0	31092	-9.0	14059	5.0	6809	19.0	3505
-36.5	71990	-22.5	30185	-8.5	13684	5.5	6643	19.5	3426
-36.0	69686	-22.0	29307	-8.0	13320	6.0	6481	20.0	3350
-35.5	67463	-21.5	28458	-7.5	12967	6.5	6324	20.5	3275
-35.0	65320	-21.0	27637	-7.0	12624	7.0	6171	21.0	3202
-34.5	63252	-20.5	26842	-6.5	12292	7.5	6022	21.5	3131
-34.0	61258	-20.0	26072	-6.0	11969	8.0	5877	22.0	3062
-33.5	59332	-19.5	25324	-5.5	11656	8.5	5737	22.5	2995
-33.0	57475	-19.0	24600	-5.0	11352	9.0	5600	23.0	2929
-32.5	55682	-18.5	23899	-4.5	11057	9.5	5467	23.5	2865
-32.0	53952	-18.0	23221	-4.0	10770	10.0	5337	24.0	2802
-31.5	52281	-17.5	22564	-3.5	10492	10.5	5210	24.5	2741
-31.0	50668	-17.0	21928	-3.0	10222	11.0	5087	25.0	2682
-30.5	49110	-16.5	21312	-2.5	9960	11.5	4967	25.5	<2624
-30.0	47606	-16.0	20715	-2.0	9705	12.0	4851		
-29.5	46145	-15.5	20137	-1.5	9458	12.5	4737		
-29.0	44735	-15.0	19577	-1.0	9218	13.0	4626		
-28.5	43372	-14.5	19034	-0.5	8985	13.5	4519		
-28.0	42056	-14.0	18509	0.0	8758	14.0	4414		
-27.5	40784	-13.5	18000	0.5	8537	14.5	4312		
-27.0	39556	-13.0	17506	1.0	8322	15.0	4213		
-26.5	38368	-12.5	17028	1.5	8114	15.5	4116		

NOTE:

Sensor is considered in short circuit if its value is lower than 1000 Ohm;

Sensor is considered an open circuit if its value is higher than 90k Ohm.

4812 900 08009