



Service Manual

Side by Side

S20B RSB21-A/G

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Technical data

Factory Code

SB 540 W

Dimensions

Height	177.0	cm
Width	90.2	cm
Depth	77.4	cm

Capacity

Total

gross	546	l
net	490	l

Cooling

gross	340	l
net	335	l

Freezing

gross	206	l
net	133	l

Electrical connection

Voltage	220 - 240	V
Frequency	50	Hz

Power consumption

in 24 hours	1.37	kWh
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Freezing capacity

in 24 hours	12	kg
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Compressor

Type	EGY 90 HLC	
Capacity (CECOMAF)	174	W

Refrigerant

Type	R 134 a	
Quantity	160	g

Thermostat

Electronic

Capacity (ice cube machine)

in 24 hours	2.3	kg
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Spare part list

Model S20B RSB21-A/G
Service No. 858615101000
Version 858615101000

Pos. No.	12NC Code	Description
012 1	4812 528 78061	Roller rear
012 3	4812 528 78059	Roller front
012 4	4812 310 68021	Key, Wheel kit
040 0	4812 417 19105	Hinge, upper
040 1	4812 417 19106	Hinge, upper
040 2	4812 417 19107	Hinge, bottom
040 4	4812 417 19108	Hinge, bottom
040 6	4812 417 19102	Holder, adjust. bottom
040 7	4812 417 78085	Cover, hinge
040 8	4812 417 78084	Cover, hinge, upper
047 0	4819 021 82178	Bushing door colling
047 1	4812 532 48035	Bushing door freezing
047 2	4812 440 29369	Cover, door bushing cooling
047 4	4812 462 28333	Stopper, door freezer
047 8	4819 528 38428	Cam, door
070 0	4812 464 88036	Plinth
084 3	4812 404 18386	Rubber fan motor
101 0	4812 416 18704	Door, freezer
104 0	4812 416 18705	Door, refriger.
105 4	4812 535 38099	Bracket door freezer
111 0	4812 462 68812	Door handle cooling
111 1	4812 462 68811	Door handle, freezing
111 2	4812 462 28429	Stopper door handle, ref. freezing
111 3	4812 462 28428	Stopper door handle, ref. freezing
111 4	4812 462 28426	Support door handle, ref. freezing
111 5	4812 462 28427	Support door handle, ref. freezing
111 7	4812 459 18218	Nameplate
131 0	4812 460 48968	Lever
131 1	4812 460 48967	Lever
131 2	4812 440 10678	Flap, icemaker, with heater
131 3	4819 021 80224	Hopper icecubes, fannel
131 4	4819 021 80208	Holder, flap
131 7	4819 021 80223	Delay
131 8	4819 021 80210	Pin
151 0	4812 418 28369	Profile
152 2	4812 418 28366	Door, dairy
153 0	4812 418 28371	Flap, door dairy
153 3	4812 418 28372	Bottle shelf
153 7	4812 418 28381	Holder, eggs
154 0	4812 418 28375	Door, dairy
154 1	4812 418 28374	Separator
154 2	4812 404 78552	Bushing door dairy
154 3	4812 462 28424	Stopper
154 4	4812 418 28373	Holder, bottles upper
154 6	4812 418 28376	Holder, bottles bottom
154 9	4812 418 28377	Door, dairy
155 0	4819 418 79054	Rack, egg
191 0	4812 466 88644	Magnetic seal cooling
191 1	4812 466 88645	Magnetic seal freezing
201 7	4819 466 69949	Gasket
233 2	4812 404 48697	Support grid
239 2	4812 440 98124	Support flap
239 4	4812 440 69204	Cover, icemaker
239 5	4812 418 28419	Ice maker
239 7	4812 418 28368	Container ice

Pos. No.	12NC Code	Description
239 8	4812 418 28367	Container, ice, cpl.
241 0	4812 458 19113	Basket
241 1	4812 458 19112	Basket bottom
241 3	4812 440 69202	Insert basket
241 5	4812 460 49285	Trim, basket
242 0	4812 418 28365	Drawer bottom
242 1	4812 418 28363	Drawer upper
242 3	4812 418 28364	Drawer center
245 5	4812 458 19108	Grid upper
245 6	4812 458 19109	Grid lower
245 8	4812 458 19111	Basket
245 9	4812 440 79027	Tray, leak, dispenser
249 0	4812 460 49286	Trim
249 1	4812 460 49283	Trim basket
249 2	4812 460 49284	Trim
249 3	4812 460 49287	Trim
249 4	4812 460 49282	Trim glass plate
249 9	4812 460 49288	Trim
251 0	4812 380 28027	Reflector cooling
251 1	4812 440 98122	Cover f. lamp cooling
251 4	4812 404 18387	Gasket lamp
251 5	4812 460 49289	Trim
251 8	4812 380 28028	Lid, lamp
251 9	4812 440 98125	Cover f. lamp freezer
252 0	4812 440 29367	Lampholder, lamp
253 1	4812 462 79645	Cover Switch
255 1	4812 450 88094	Glass shelf
255 4	4812 450 88095	Glass shelf
255 5	4812 450 88096	Glass shelf
255 7	4812 418 28359	Frame, glassplate
255 8	4812 418 28361	Frame, glassplate
255 9	4812 418 28362	Frame, glassplate
256 0	4812 460 58384	Slide air inlet
256 5	4819 466 98997	Rail air inlet
261 0	4812 462 38139	Slide right
261 1	4812 462 38138	Slide left
263 7	4812 460 98041	Guide icemaker
263 8	4812 404 48702	Stud
263 9	4812 404 48701	Stud
304 0	4812 418 88995	Support, electrical parts
320 0	4812 453 88029	Control cover compl. w. electr.
324 6	4812 442 29167	Air diffuser
400 0	4812 028 58341	Motor, ice conveyor
402 0	4812 360 38812	Compressor EGY 90 HLC CP
402 1	4812 418 28378	Cup, thaw water
402 2	4819 360 48014	Valve flap
402 4	4819 492 68712	Clip, fix f. compressor
406 2	4812 440 89009	Housing icemaker
406 3	4812 492 98032	Spring icemaker
406 6	4812 440 79024	Support, motor
406 7	4812 440 79023	Cover
406 8	4812 530 88024	Shaft gear
407 0	4812 404 78554	Fastener
407 1	4812 310 28142	Bushing for shaft kit
420 0	4812 120 28023	Capacitor

Spare part list

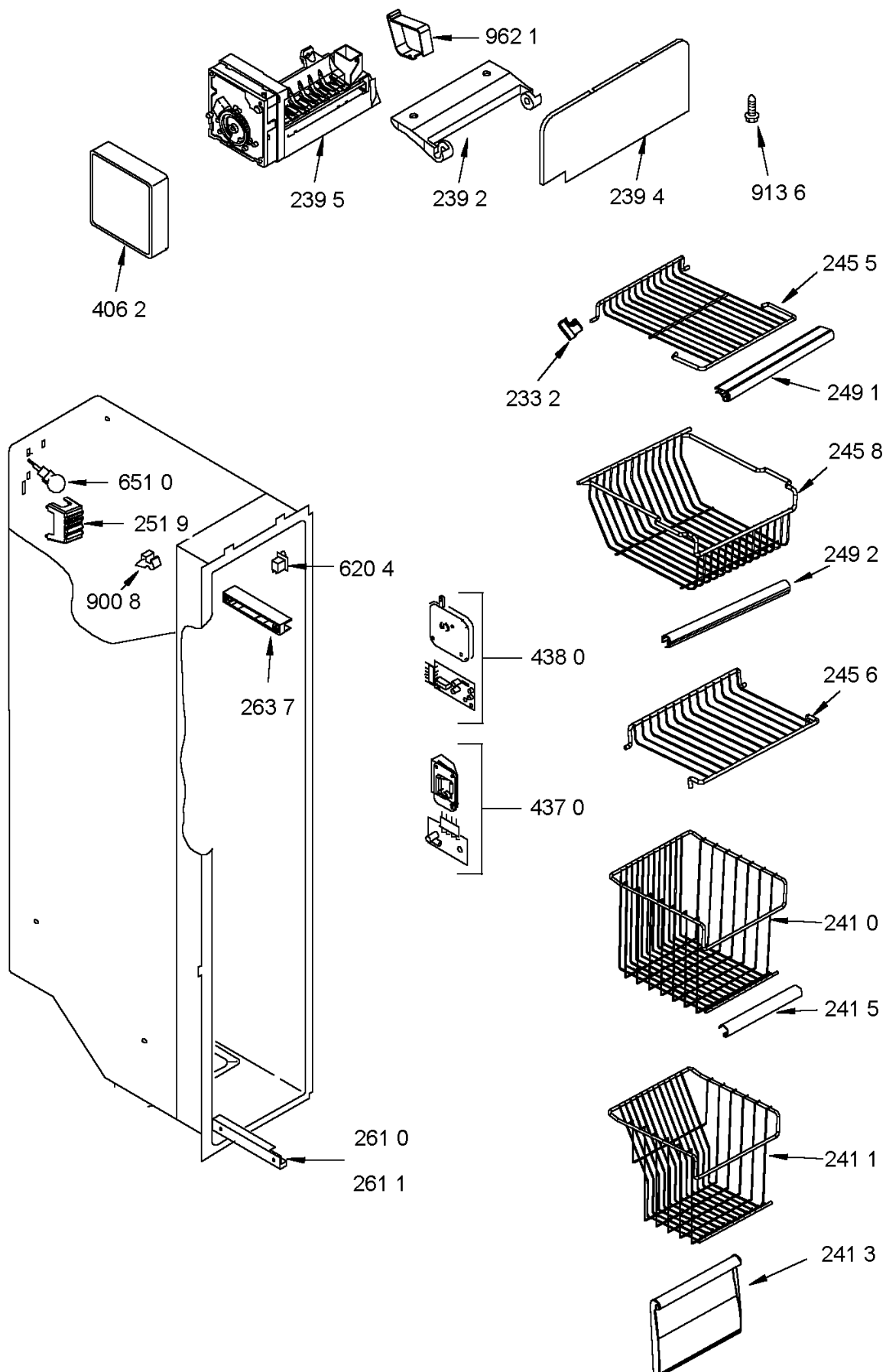
Model
Service No.
Version

S20B RSB21-A/G
858615101000
858615101000

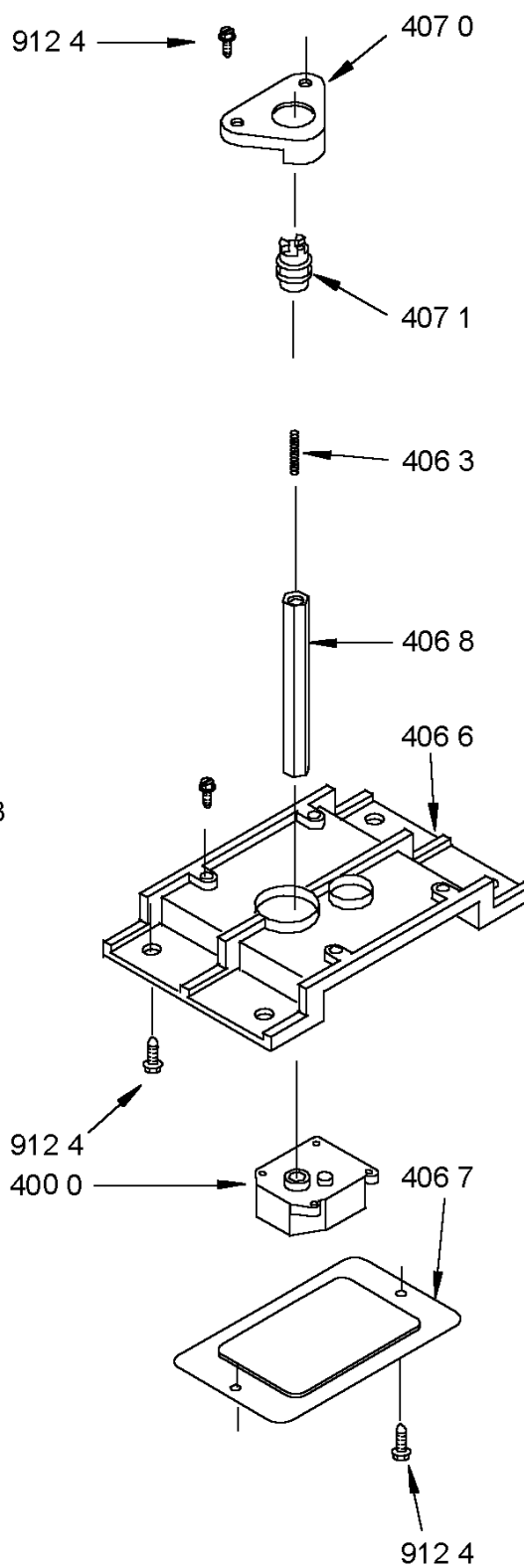
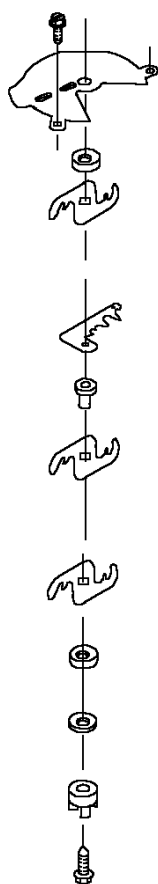
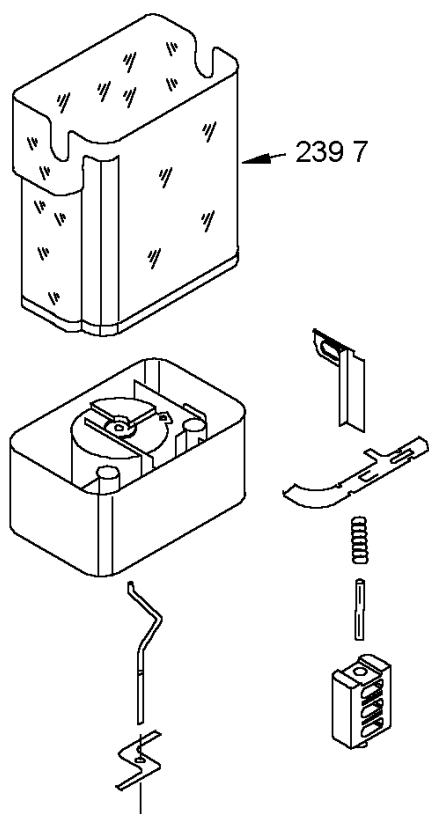
Pos. No.	12NC Code	Description
420 3	4819 021 58826	Damper
420 4	4812 442 29019	Insulator
437 0	4812 218 48049	Sensor, emitter
438 0	4812 217 28001	Receiver
440 1	4819 360 58609	Valve
440 3	4812 445 28021	Air diffuser, + motor
440 4	4812 462 38141	Slide
440 5	4819 021 82147	Grid, air
440 6	4819 462 38778	Slide
440 7	4812 452 98237	Insulator condenser
441 0	4812 028 58339	Motor
441 1	4819 462 48418	Grommet compressor
441 2	4812 440 68962	Support right
441 5	4812 440 68963	Support , left
442 0	4812 361 38067	Motor, fan
442 1	4819 404 78682	Bracket
443 0	4819 515 48057	Fan blade
443 1	4812 440 79018	Holder ventilator
451 0	4819 021 88177	Element defrost
451 1	4819 401 18692	Clamp
491 0	4812 290 88087	Cover connection block
526 2	4812 440 79019	Control board + housing
526 5	4812 440 29368	Lid, electronic box
561 0	4812 290 68269	Protect, motor
561 2	4812 440 79022	Cover overload
562 0	4812 320 58132	Cable harness, Bi-metal thermo.
571 0	4812 360 58283	Valve, inlet
614 0	4812 290 68262	PTC-Unit
620 1	4812 277 88002	Switch
620 4	4819 276 18157	Switch light
621 0	4819 271 38044	Microswitch icemaker + dispenser
626 1	4819 442 78119	Deflector
651 0	4812 134 28078	Lamp
651 2	4812 134 28077	Lamp, dispenser unit
652 4	4819 021 80200	Holder, lamp dispenser
691 4	4812 404 78553	Support sensor
691 7	4812 310 18846	Sensor KIT
701 0	4819 526 48444	Coupling piece, incl. hose
702 0	4812 530 29195	Hose
711 0	4812 530 28999	Reservoir
740 0	4812 511 38215	Condenser
743 1	4812 440 98121	Cover, air diffuser
745 0	4812 360 38648	Evaporator
745 2	4812 440 79025	Cover evaporator
745 4	4819 492 68684	Clip
745 6	4819 021 49294	Heat shield evaporator
746 1	4812 404 48822	Air guide
746 2	4812 440 69203	Cover evaporator
746 3	4812 440 98062	Gasket air guide
764 0	4819 480 28144	Dryer
781 0	4812 262 78009	Cap, water filter
781 1	4812 535 48013	Clutch waterhose
781 3	4812 530 29157	Adapter hose, 3/4"
781 7	4812 466 88646	Clutch, icemaker
781 8	4812 817 28986	Filter, water SxS

Pos. No.	12NC Code	Description
781 9	4812 418 28379	Filter body
783 1	4812 360 68491	Hose, icemaker
783 8	4812 530 29159	Hose, inlet
783 9	4812 530 29158	Hose, connection filter/inlet valve
785 0	4812 530 29162	Tube
900 5	4819 492 68544	Clip, fix
900 7	4819 492 68683	Clip heating element
900 8	4819 492 69522	Clip
910 9	4819 505 18249	Nut water reservoir
911 7	4819 505 18256	Nut icemaker hose
912 4	4812 560 18063	Screw
912 5	4812 560 18064	Screw
913 2	4812 560 18013	Screw freezer door
913 3	4812 560 18011	Screw, freezer door
913 4	4812 500 18094	Spindle, thread, front
913 5	4812 500 18093	Spindle, thread, rear
913 6	4819 004 89478	Screw icemaker
913 7	4812 502 18578	Screw
930 0	4819 021 80209	Spring icemaker
930 1	4819 021 94719	Rail
930 2	4812 418 88043	Strain relief
962 1	4812 440 79026	Cover, Cable harness

Exploded view

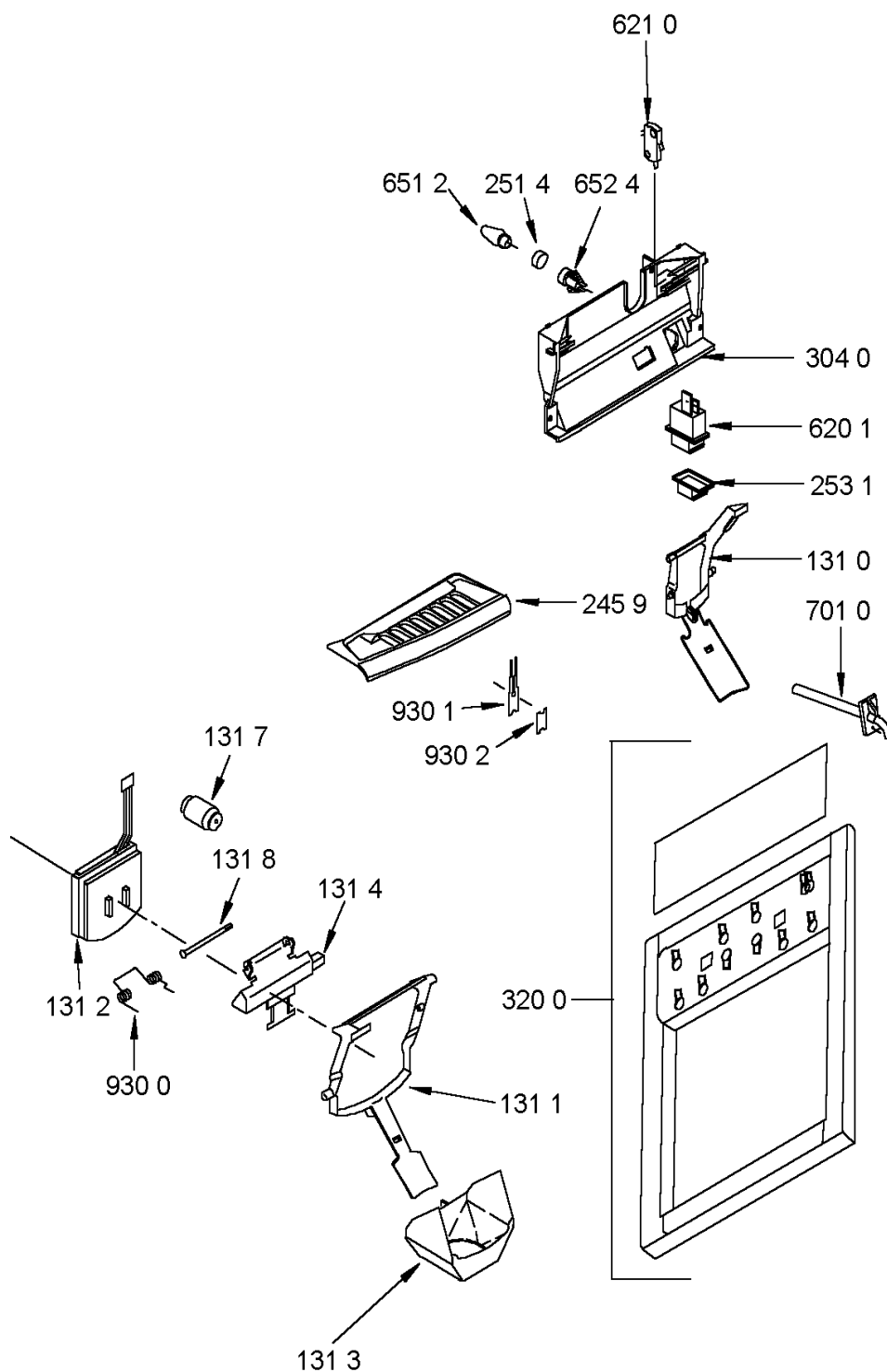


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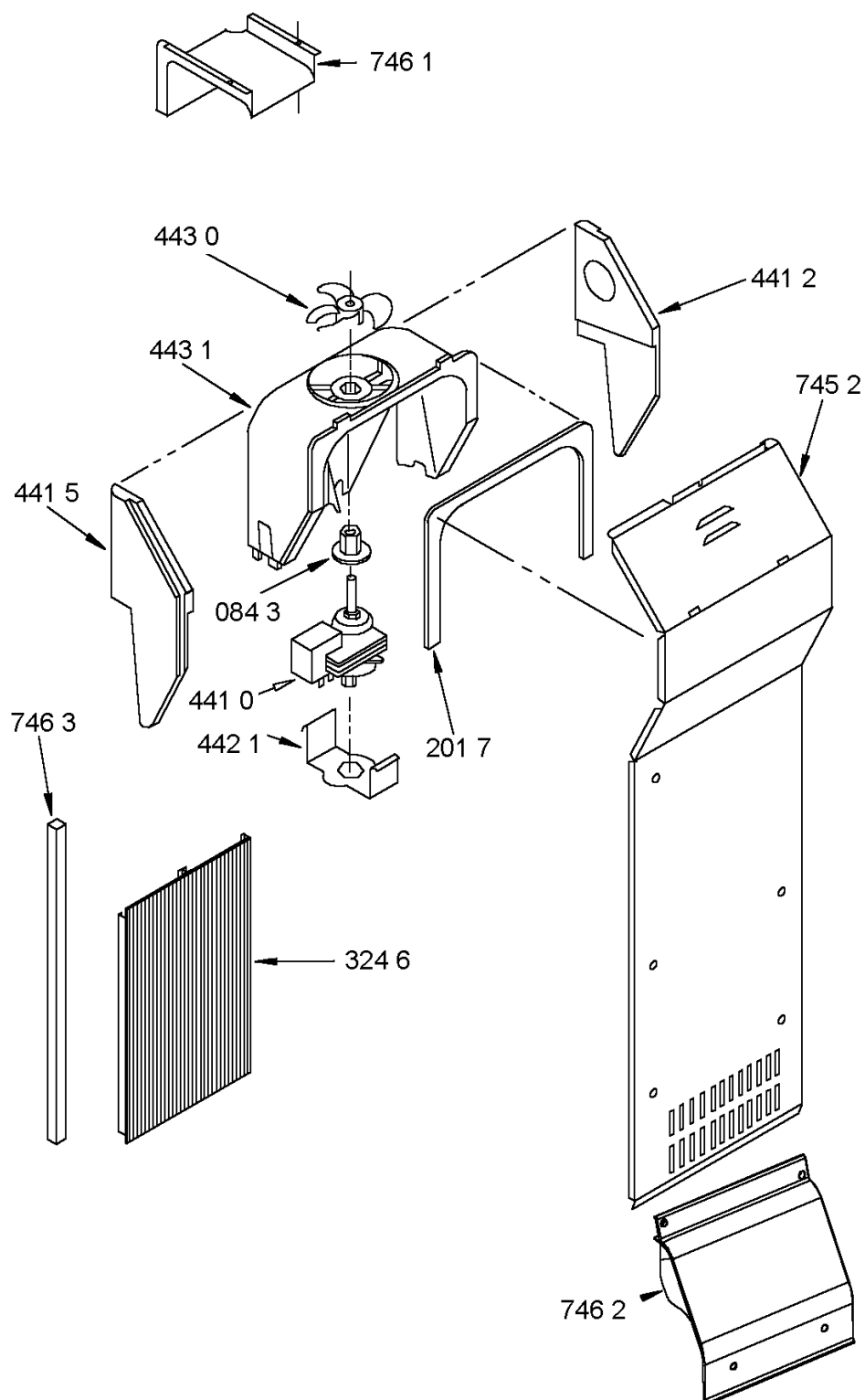


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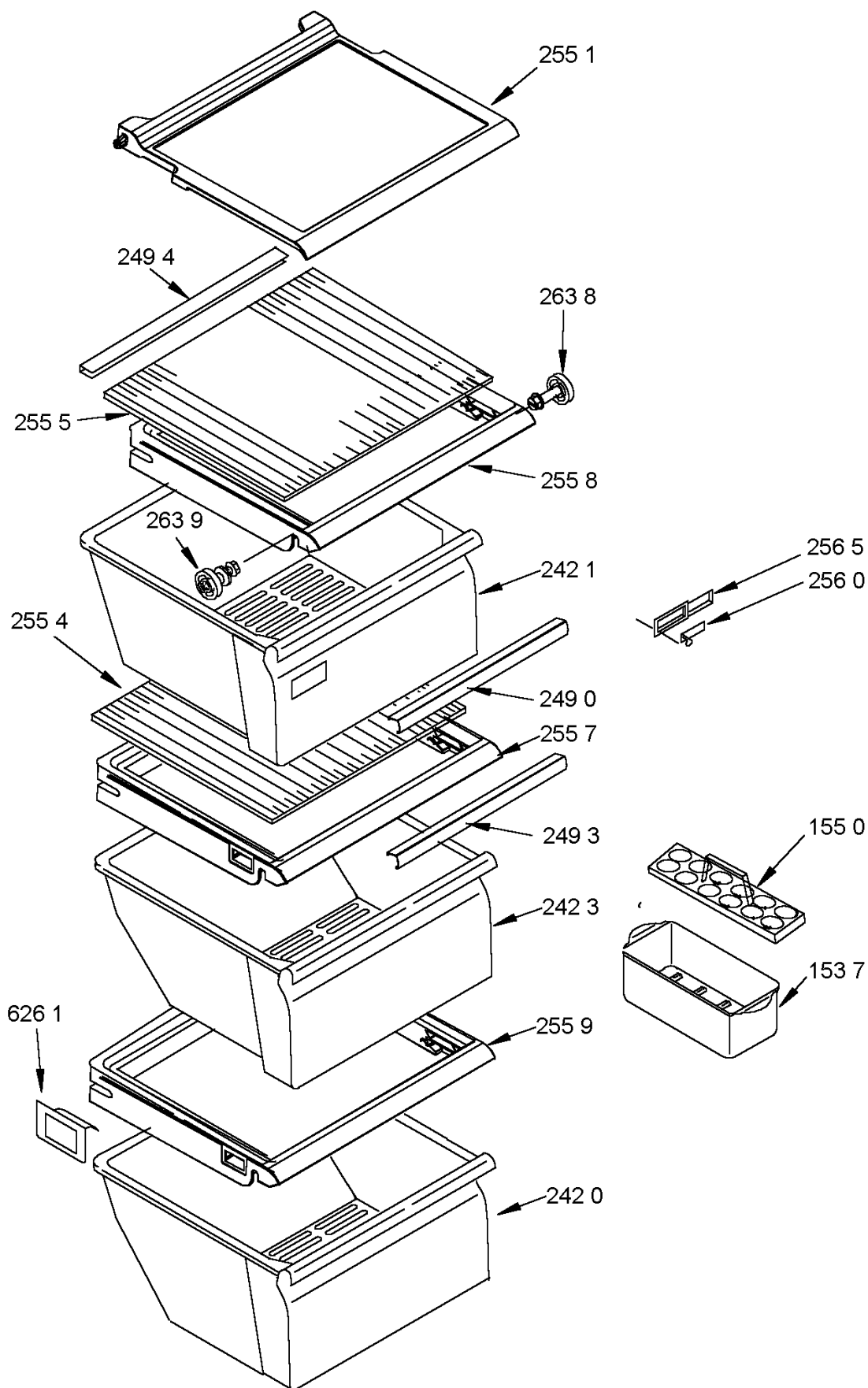
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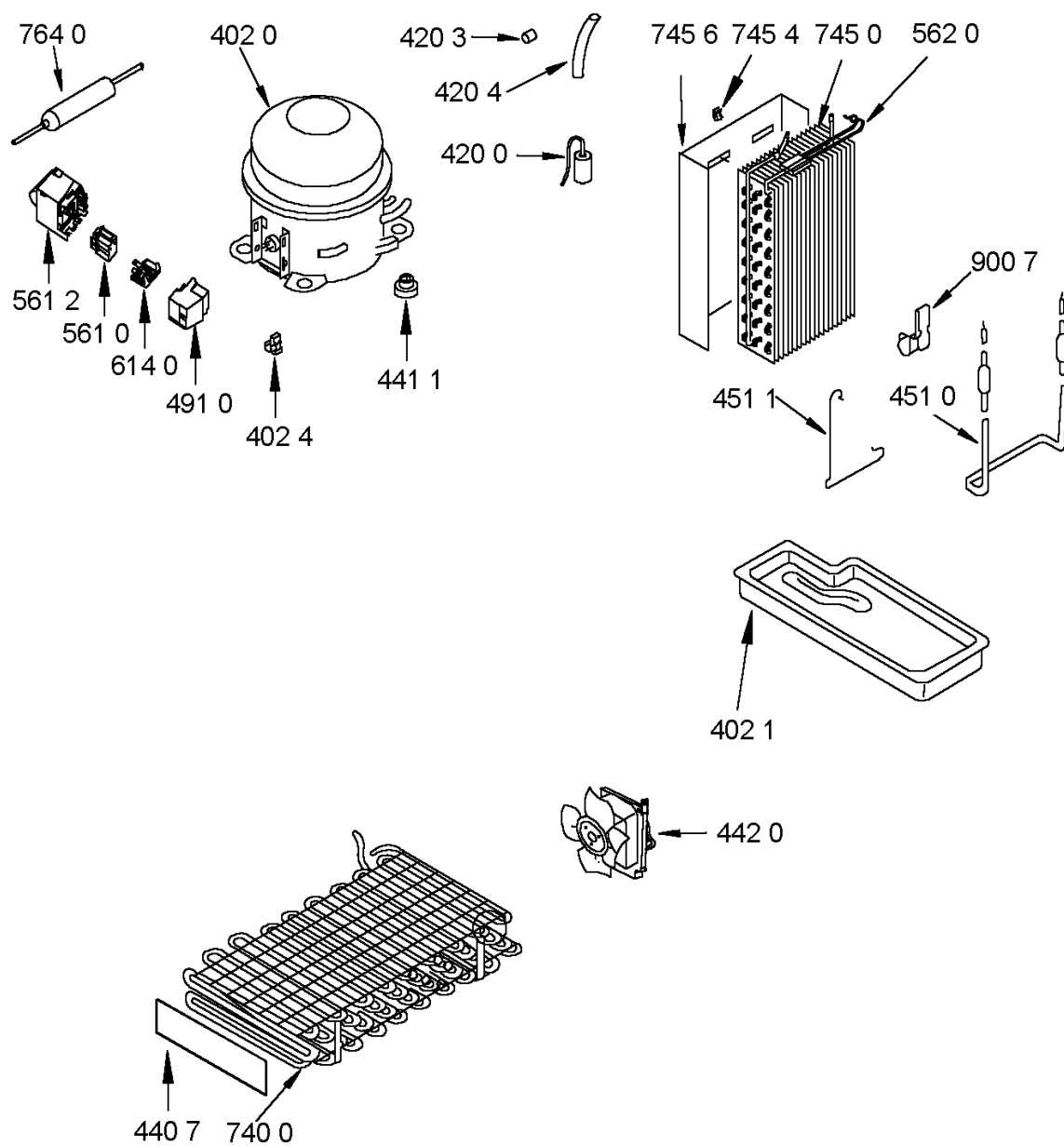
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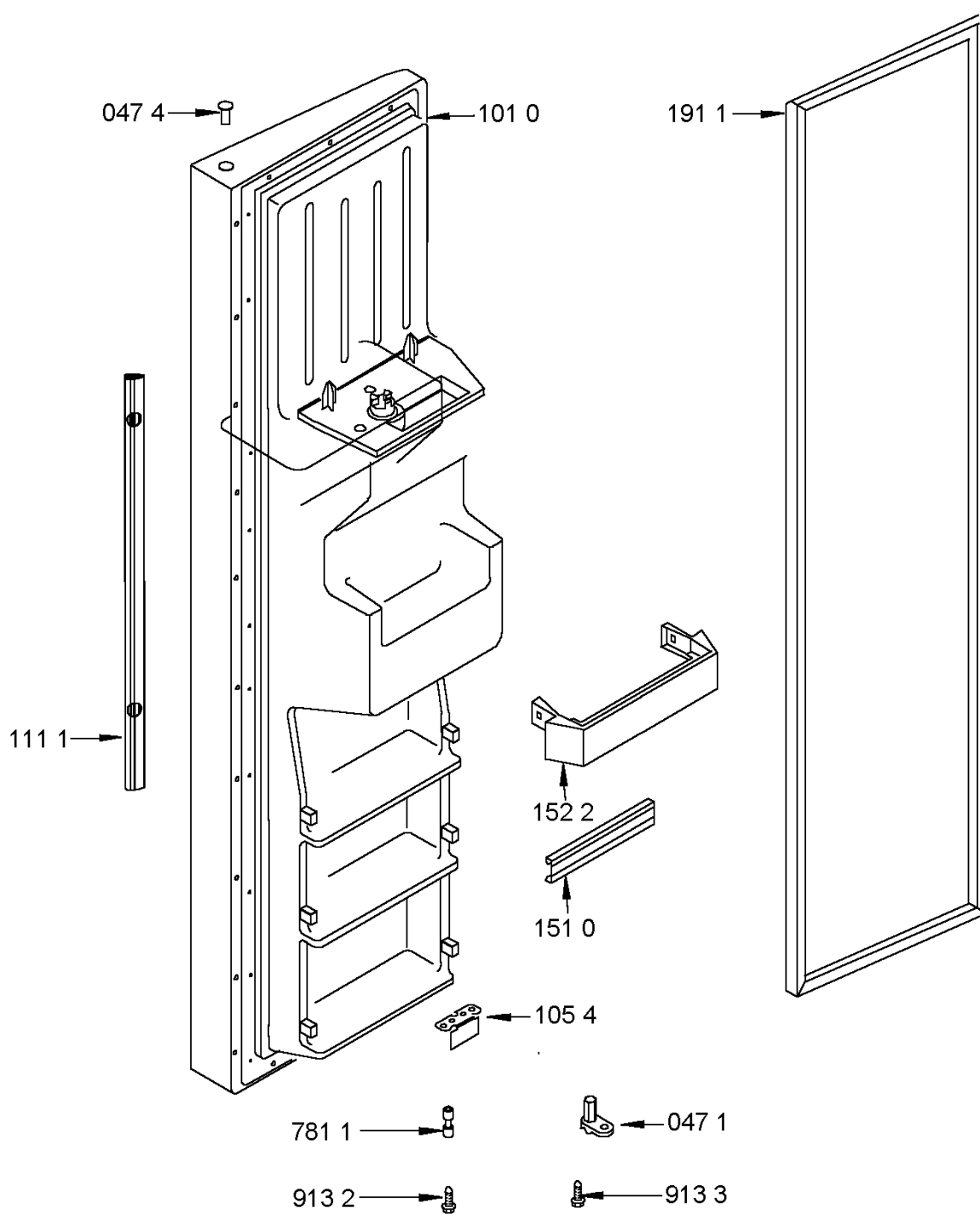
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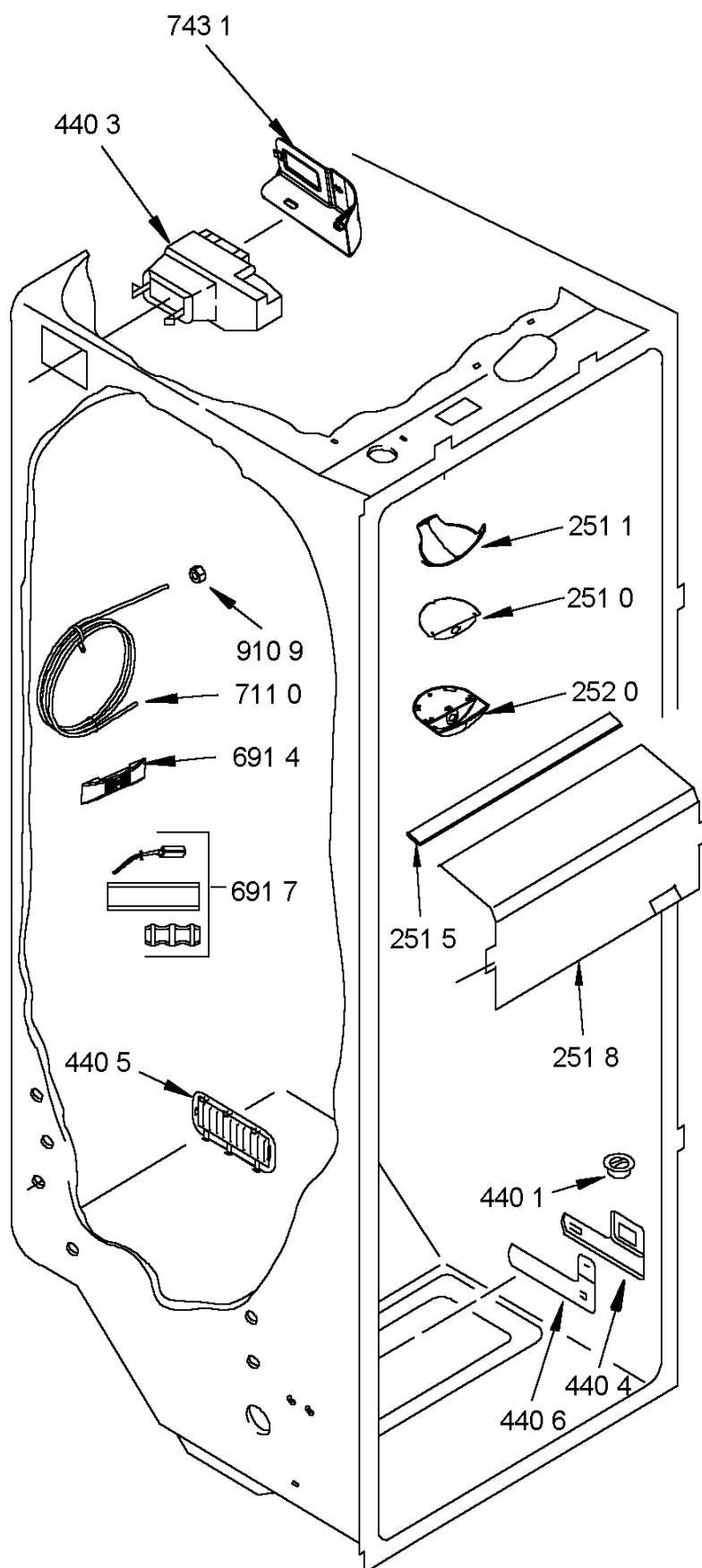
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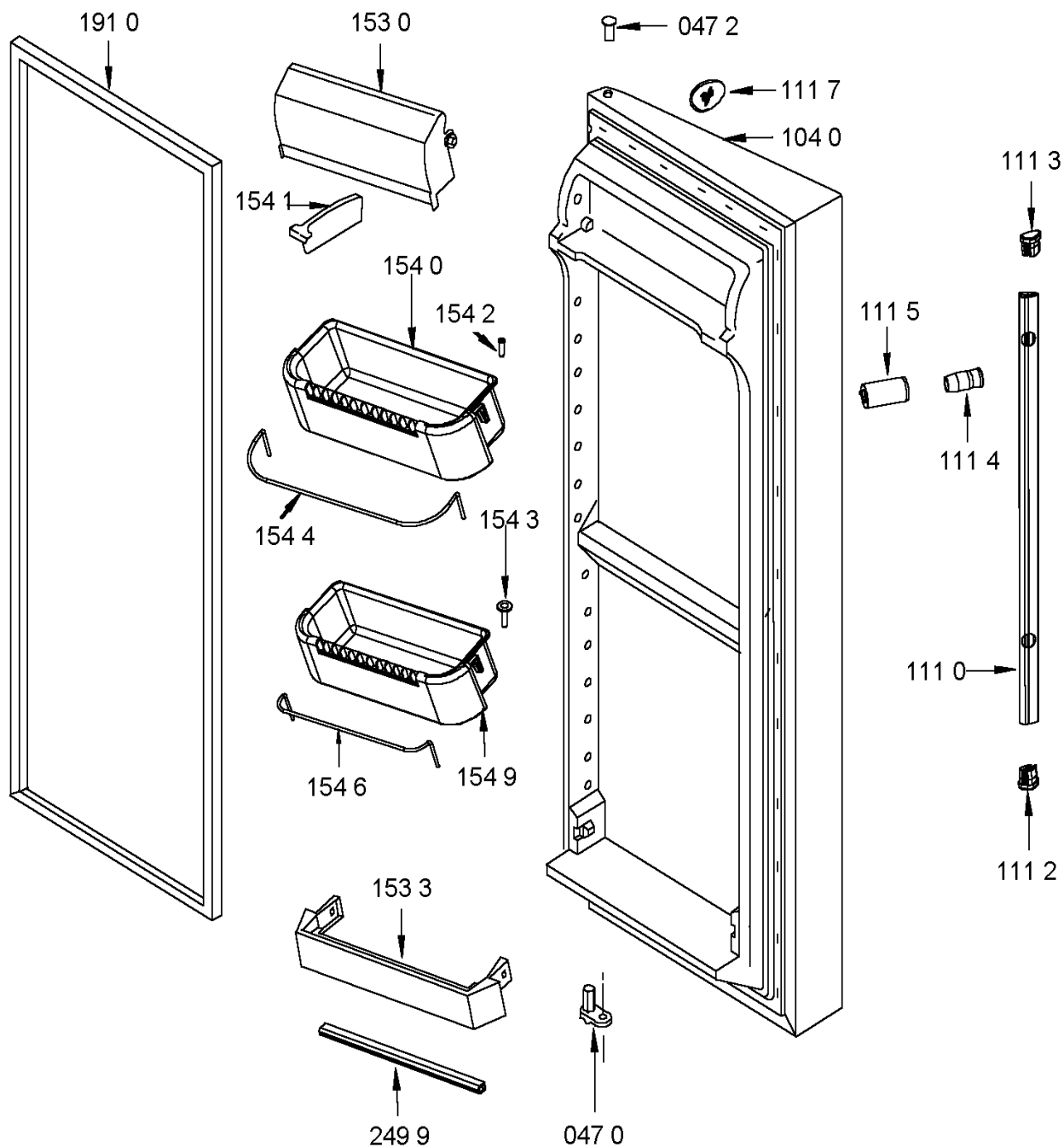
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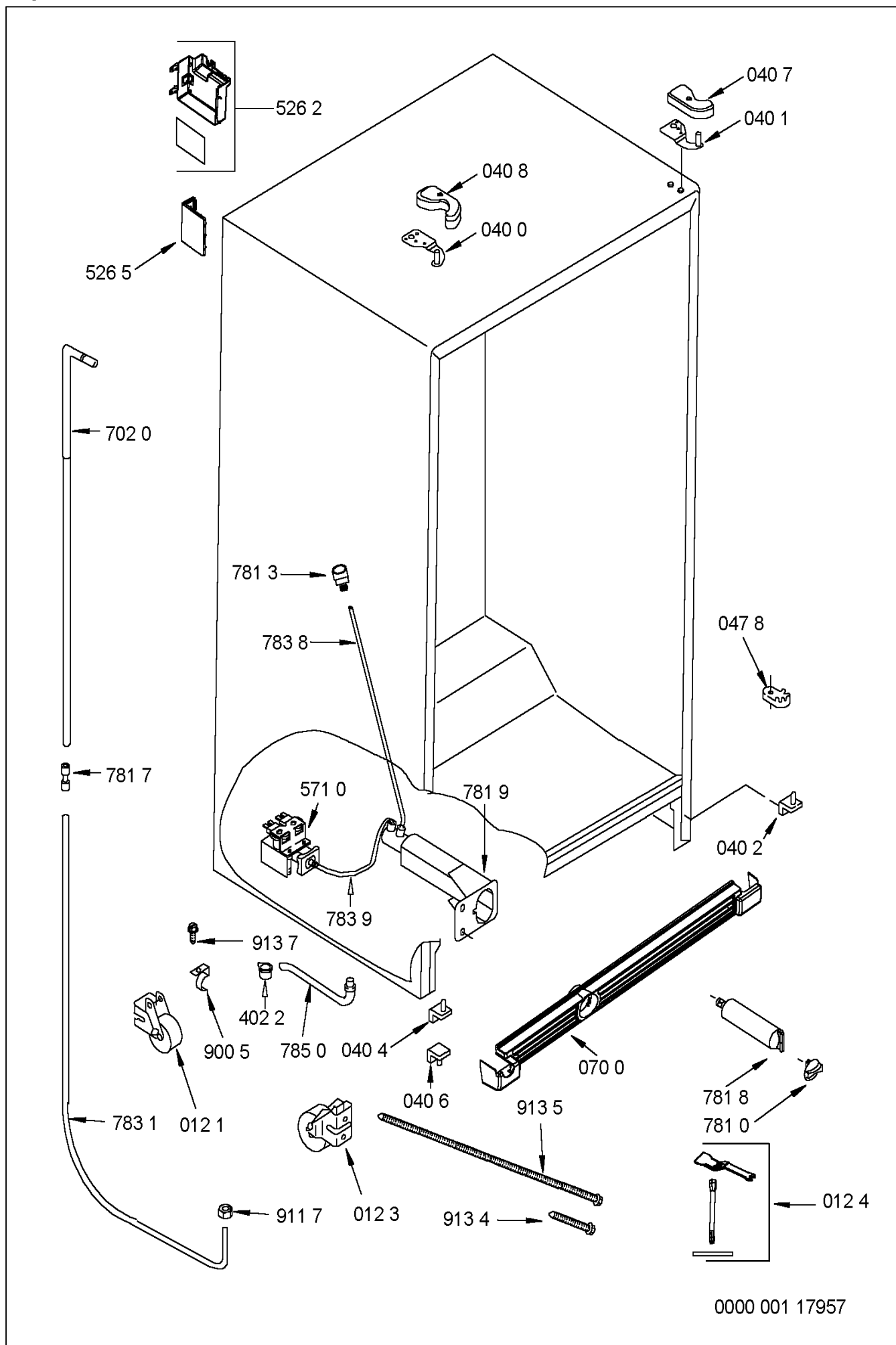
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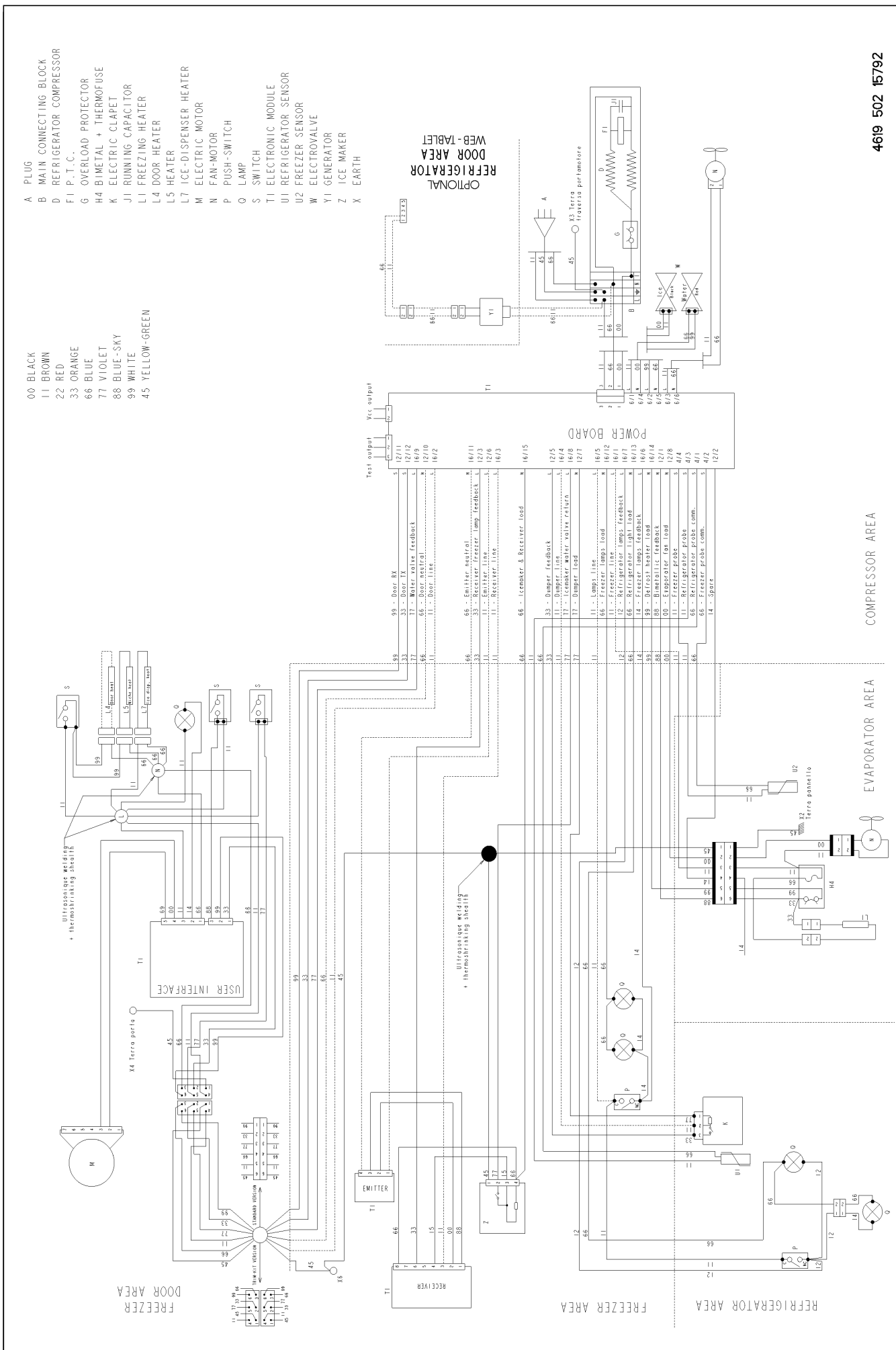


Exploded view



Circuit and Wiring diagram

- 00 BLACK
11 BROWN
22 RED
33 ORANGE
66 BLUE
77 VIOLET
88 BLUE-SKY
99 WHITE
45 YELLOW-GREEN
- A PLUG
B MAIN CONNECTING BLOCK
D REFRIGERATOR COMPRESSOR
FI P.T.C.
G OVERLOAD PROTECTOR
H4 BIMETAL + THERMOFUSE
K ELECTRIC CLAPET
J1 RUNNING CAPACITOR
L1 FREEZING HEATER
L4 DOOR HEATER
L5 HEATER
L7 ICE-DISPENSER HEATER
M ELECTRIC MOTOR
N FAN-MOTOR
P PUSH-SWITCH
O LAMP
S SWITCH
T1 ELECTRONIC MODULE
U1 REFRIGERATOR SENSOR
U2 FREEZER SENSOR
W ELECTROVALVE
Y1 GENERATOR
Z ICE MAKER
X EARTH



Circuit and Wiring diagram

