Service Information

Freestanding Cooling Double Door
ARC 4020 WH

8501 402 01000
Last Modification: 07/06/08
Creation Date: 07/06/08

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This document is only intended for qualified technicans who are aware of the respective safety regulations.
Subject to modifications

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Spare Part List

Pos	12NC	Description
011 0	**4812 462 18246**	Foot
011 2	**4812 462 18185**	Small plate
012 0	**4812 528 78068**	Roller
024 0	**4812 464 18082**	Base
040 0	**4812 417 19138**	Hinge upper
040 1	**4812 417 78021**	Shim hinge.
040 2	**4812 417 78103**	Shim Hinge.
040 3	**4812 417 19092**	Hinge middle
040 4	**4812 462 28054**	Cover hinge
040 5	**4812 417 18854**	Hinge lower.
040 6	**4812 417 78022**	Shim
040 7	**4812 417 19094**	Hinge
040 9	**4812 417 19093**	Hinge,middle; left version
047 3	**4812 535 48009**	Shaft
070 0	**4812 462 28402**	Plinth
101 0	**4812 416 18889**	Door freezer
102 0	**4812 442 29199**	Flap Shelf.
102 1	**4812 442 29201**	Flap
104 0	**4812 416 18888**	Door refriger.
105 0	**4812 532 88011**	Bushing
105 1	**4812 532 88012**	Stopper
105 2	**4812 462 28181**	Bushing white
105 3	**4812 462 28179**	Bushing; right,white
105 4	**4812 400 18063**	Door revers.Kit
105 5	**4812 446 88138**	Bushing
111 0	**4812 498 18283**	Handle; Silver
111 1	**4812 498 18276**	Insert f.Handle; right
111 2	**4812 498 18277**	Insert f.Handle left
111 3	**4812 468 18278**	Cover handle
111 7	**4812 459 18238**	Nameplate
153 0	**4812 418 79824**	Door dairy.
153 1	**4812 462 28537**	Door dairy.
153 2	**4812 418 28521**	Door dairy
153 6	**4812 462 28532**	Separator
154 0	**4812 462 28538**	Bottle shelf
155 0	**4812 460 88279**	Holder, eggs
155 1	**4812 462 28403**	Door,dairy
156 0	**4812 418 28031**	Panel icemaker
156 2	**4812 462 28528**	Separator Crisper
156 5	**4812 418 89016**	Holder can
157 0	**4812 418 28519**	Ice maker
157 1	**4812 418 28518**	Icecube tray
191 0	**4812 468 18281**	Gasket ref.door
191 1	**4812 468 18279**	Gasket.fre.door
203 0	**4812 325 18003**	Insulation ,rear
242 0	**4812 418 79652**	Crisper
242 1	**4812 442 29149**	Front crisper.
242 3	**4812 404 48673**	Roller vegetables drawer.
244 1	**4812 442 29171**	Drawer.
244 2	**4812 442 29202**	Shelf glass

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Pos	12NC	Description
244 3	**4812 442 29203**	Cover,crisper.
246 0	**4812 418 28252**	Bottom
246 1	**4812 442 29209**	Shelf
261 0	**4812 468 18014**	Rail right
261 1	**4812 462 18183**	Rail left
263 0	**4812 462 18184**	Slide
263 1	**4812 404 48671**	Support shelf
301 0	**4812 453 10096**	Reflector
301 4	**4812 464 28027**	Control panel
356 0	**4812 412 78947**	Knob
402 0	**4812 360 38858**	Compressor EGY 80 HLP
402 1	**4812 418 79646**	Tray
402 3	**4812 466 98946**	Fastener compressor.
402 4	**4812 360 38844**	Clip
420 0	**4812 121 08241**	Capacitor
440 0	**4812 361 18394**	Motor fan 220V/240V AC 300R
440 1	**4812 466 38021**	Damper fan
443 0	**4812 361 18282**	Fan
443 1	**4812 460 48881**	Support Ventilator
451 0	**4812 259 48141**	ELEMENT DEFROST.
480 0	**4812 019 78807**	Connect.cable.
491 0	**4812 462 79821**	Connectionblock
500 0	**4812 218 38159**	Control board.
500 1	**4812 440 28945**	Cover Control board
566 0	**4812 282 38041**	Thermostat
566 1	**4812 460 48885**	Holder Thermostat
566 2	**4812 282 38042**	Thermostat bi-metal + thermo fuse.
614 0	**4812 218 38195**	Relay + overload
614 1	**4812 462 79703**	Cover Relay.
651 0	**4812 134 28061**	Lamp 220V
652 0	**4812 255 28011**	Holder lamp.
652 1	**4812 462 28056**	Deflector
652 3	**4812 460 98006**	Cover f. lamp
652 7	**4812 462 28057**	Deflector
655 0	**4812 271 38456**	Control panel
691 0	**4812 282 68021**	Sensor kit
740 0	**4812 511 48336**	condenser
740 1	**4812 462 28394**	Holder Condenser
740 2	**4812 404 18112**	Clip Condenserr.
743 0	**4812 480 28035**	Air diffuser
743 1	**4812 460 48884**	Support
743 4	**4812 400 18066**	Cover air diffuser
745 0	**4812 511 38149**	Evaporator.
745 1	**4812 442 28963**	Housing Evaporator
745 3	**4812 325 18021**	Cover rubber
745 4	**4812 535 98061**	Support Evaporator..
760 1	**4812 460 48883**	Support Air clean filt..
760 2	**4812 490 38001**	Air clean filt.
764 0	**4819 526 48527**	Dryer DRS15 With 3 ways valve
765 1	**4812 440 69034**	Cover

Pos	12NC	Description
765 2	**4812 440 69031**	Cover rear
765 3	**4812 460 48882**	Clamp Cover
765 4	**4812 255 28004**	Cover lamp
781 0	**4812 170 88005**	Tube
900 0	**4812 535 38083**	Pin.
900 1	**4812 404 38714**	Support Ice maker
900 2	**4812 535 78042**	Clip
900 4	**4812 535 48011**	Bracket
910 0	**4812 560 18026**	Screw
910 1	**4812 523 88006**	Screw
910 3	**4812 560 18025**	Screw M5x10mm
910 7	**4812 560 18022**	Screw
910 8	**4812 560 18023**	Screw
965 0	**4812 442 29065**	Cover white
965 3	**4812 460 48886**	Cover

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Technical Data

Dimensions + Weight

Product dimensions
- Height ..... 185.0 cm
- Width ..... 62.0 cm
- Depth ..... 71.0 cm

Capacity

Total
- Gross ..... 363 l
- net ..... 358 l

Cooling
- Gross ..... 290 l
- net ..... 286 l

Freezing
- Gross ..... 73 l
- net ..... 72 l

Electrical base data

Voltage ..... 220 V - 240 V
Frequency ..... 50 Hz

Power Consumption

in 24 hours ..... 1.26 kWh

Ice cube maker capacity

in 24 hours ..... 4 kg

Compressor

Type ..... EGY 80 HLP
Capacity(CECOMAF) ..... 125 W

Freezing
- Type ..... EGY 80 HLP
- Capacity(CECOMAF) ..... 125 W

Refrigerant

Type ..... R 134 a
Quantity ..... 95 g

Freezing
- Type ..... R 134 a
- Quantity ..... 95 g

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Thermostat

Type
Electronic
Cooling
Freezing

Thermostat switching value

Cooling
Switch on temperature
MIN ..... + 11.2 °C
MED ..... + 7.3 °C
MAX ..... + 3.7 °C
Switch off temperature
MIN ..... + 4.9 °C
MED ..... + 0 °C
MAX ..... - 4.5 °C
MIN
Switch on temperature ..... + 11,2 °C
min. ..... + 11,2 °C
max. ..... + 4,9 °C
Switch off temperature ..... + 4,9 °C
MED
Switch on temperature ..... + 7,3 °C
min. ..... + 7,3 °C
max. ..... + 0 °C
Switch off temperature ..... + 0 °C
MAX
Switch on temperature ..... + 3,7 °C
min. ..... + 3,7 °C
max. ..... - 4,5 °C
Switch off temperature ..... - 4,5 °C
Freezing
Switch on temperature
MIN ..... - 13.0 °C
MED ..... - 14.0 °C
Switch off temperature
MIN ..... - 23.0 °C
MED ..... - 25.0 °C
MIN
Switch on temperature ..... - 13,0 °C
min. ..... - 13,0 °C
max. ..... - 23,0 °C
Switch off temperature ..... - 23,0 °C
MED
Switch on temperature ..... - 14,0 °C
min. ..... - 14,0 °C
max. ..... - 25,0 °C
Switch off temperature ..... - 25,0 °C
MAX
Switch on temperature ..... - 16.0 °C
min. ..... - 16,0 °C
max. ..... - 27,0 °C
Switch off temperature ..... - 27.0 °C

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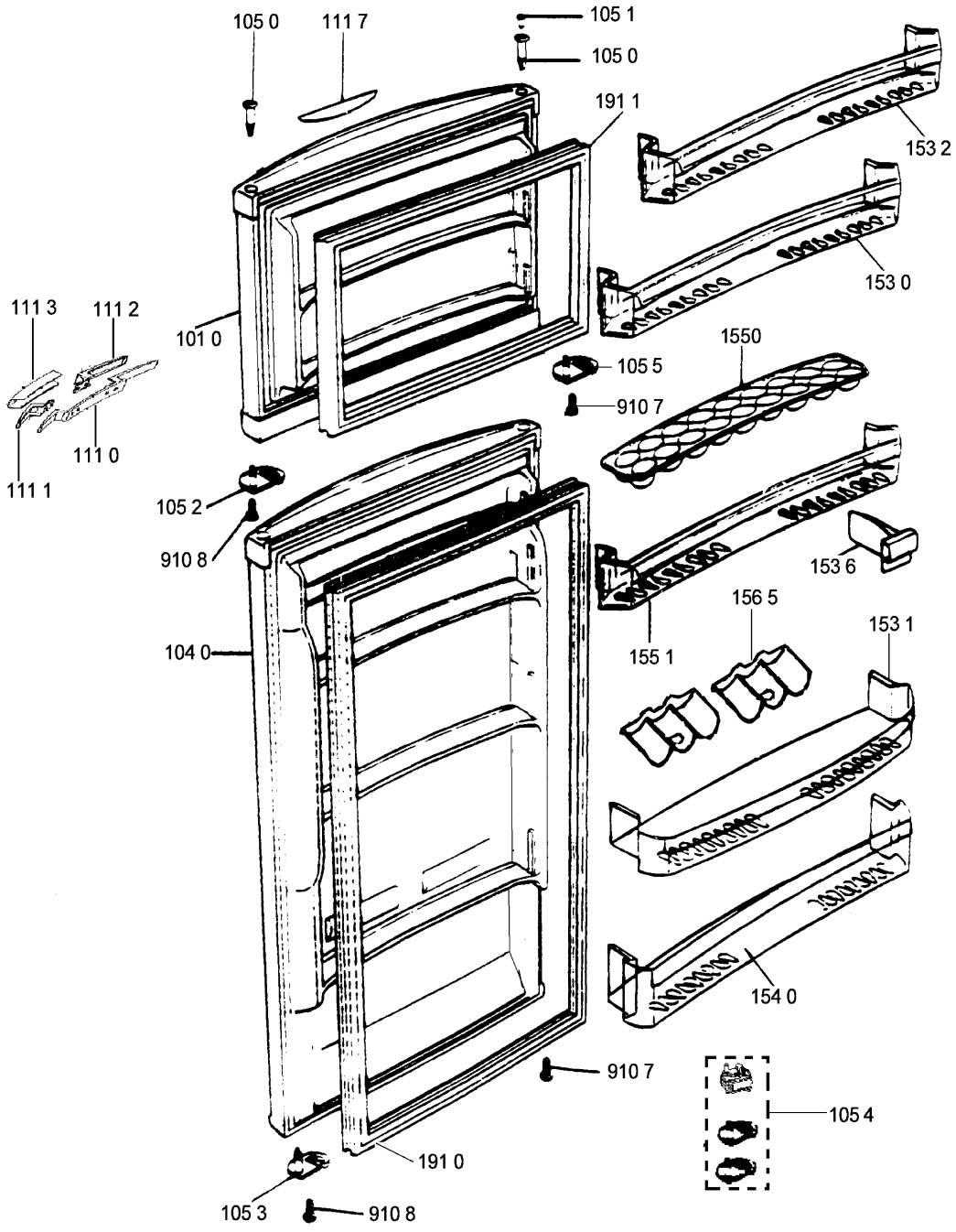
MIN
- Switch on temperature ..... - 13,0 °C
- Switch off temperature ..... - 23,0 °C

MED
- Switch on temperature ..... - 14,0 °C
- Switch off temperature ..... - 25,0 °C

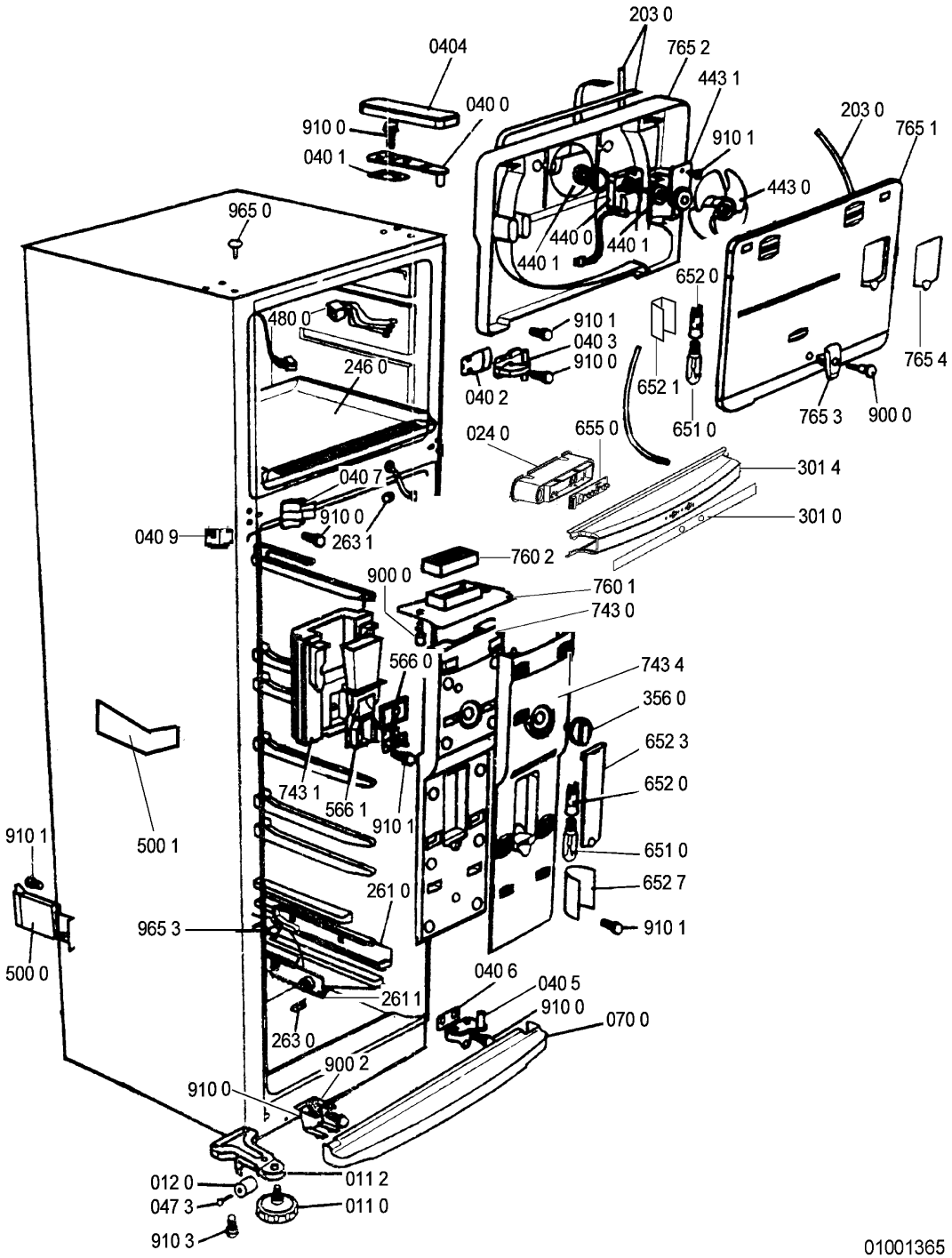
MAX
- Switch on temperature ..... - 16,0 °C
- Switch off temperature ..... - 27,0 °C

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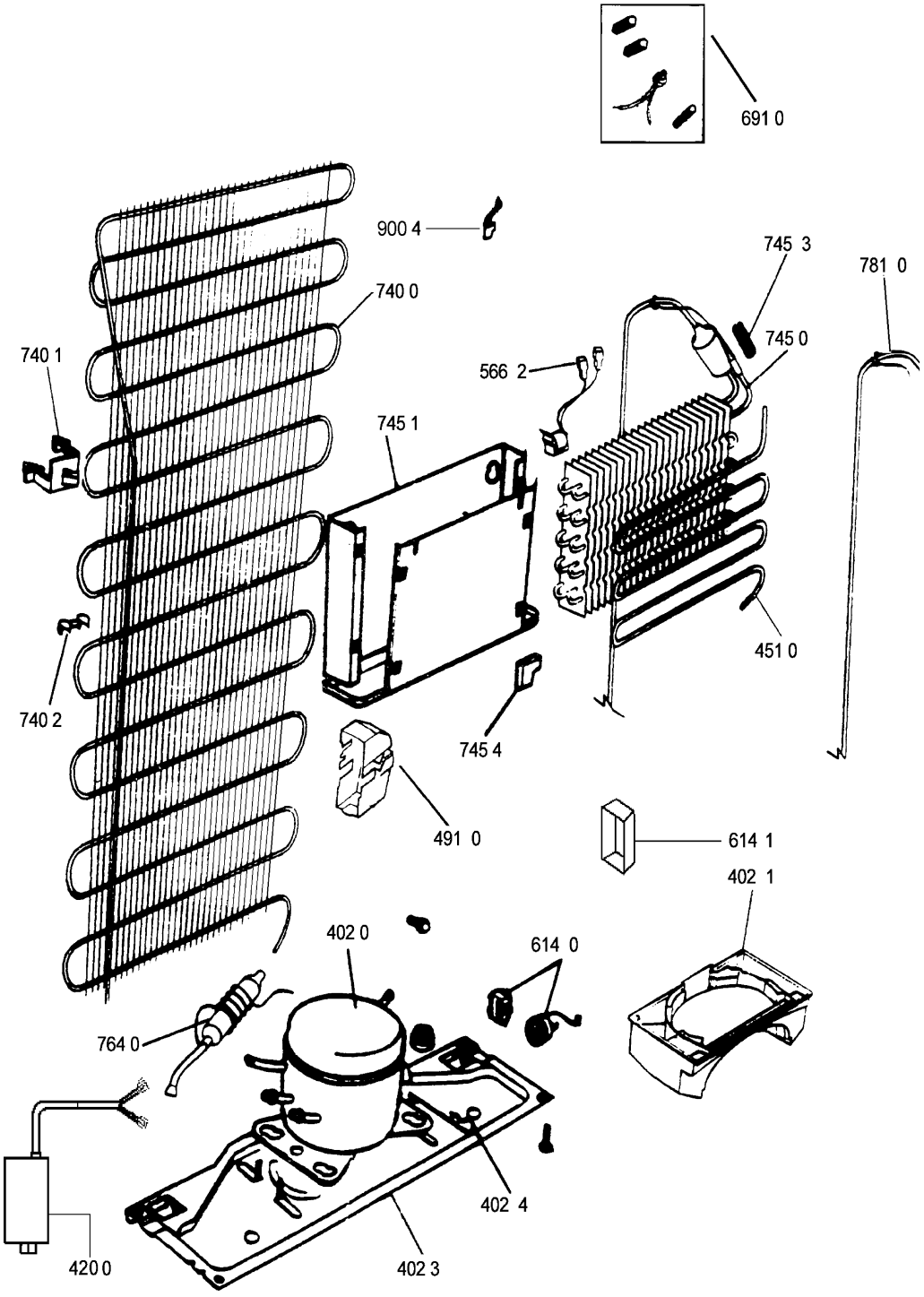
Exploded View



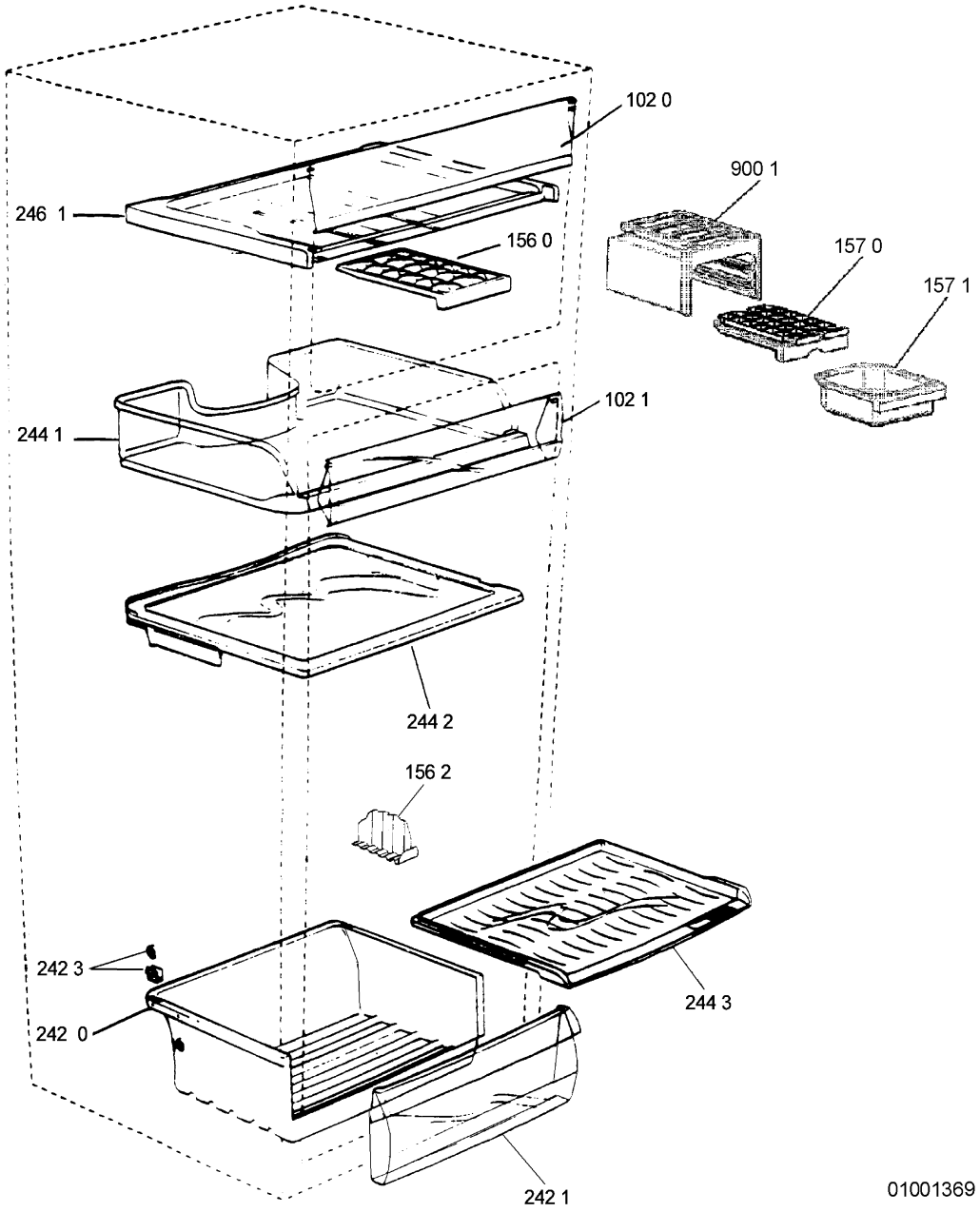
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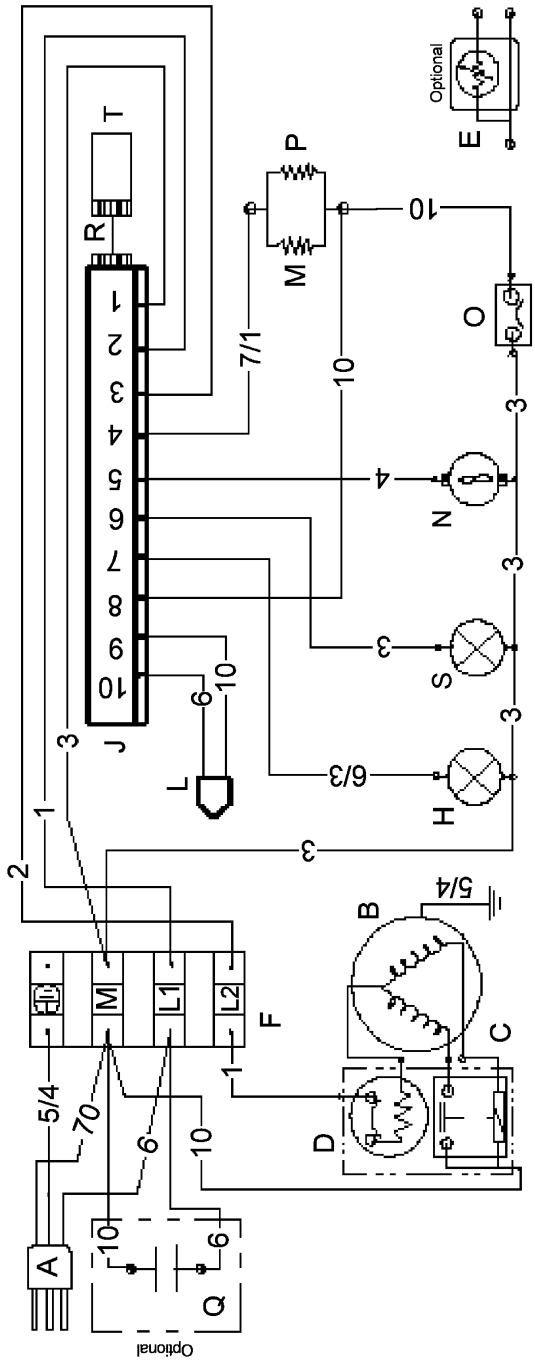
Exploded View



Exploded View



Circuit/Wiring Diagram

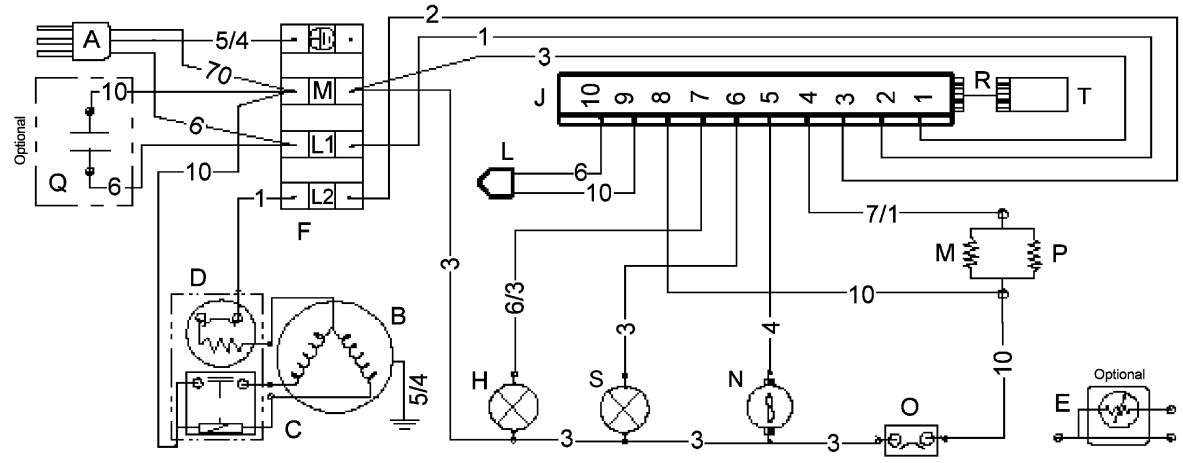


4812 711 78111

A Power cord
B Overload protector
C Relay
D Compressor
E PTC
F Terminal box
H Lamp
J Electronic module
L Temperature sensor
M Defrost heater
N Fan motor
O Bimetal
P Duct heater
Q Capacitor
R Flat cable
S Freezer lamp
T Interface

1 Black
2 Red
3 White
4 Yellow
5 Green
6 Brown
7 Orange
8 Pink
9 Grey
10 Blue

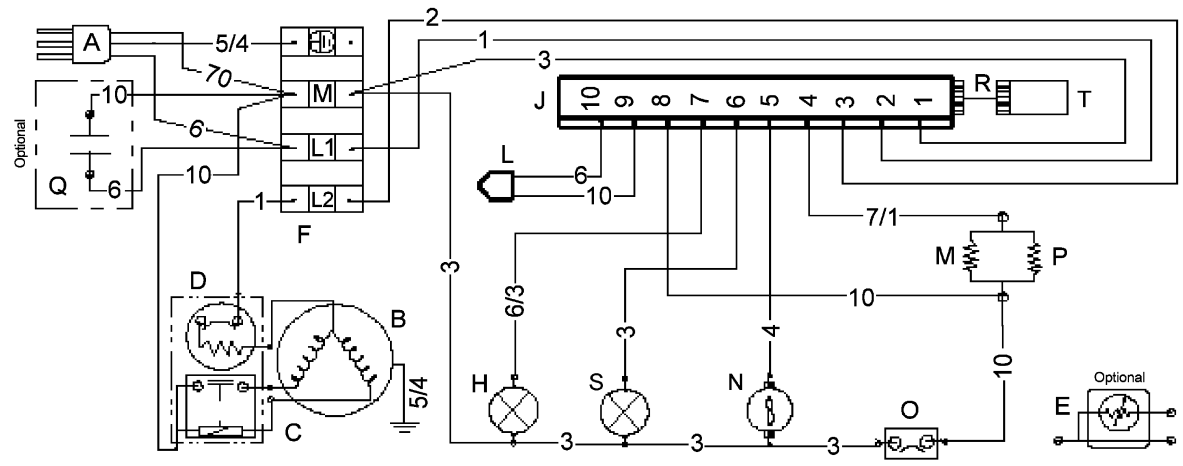
Circuit Diagram



A	Power cord	1	Black
B	Overload protector	2	Red
C	Relay	3	White
D	Compressor	4	Yellow
E	PTC	5	Green
F	Terminal box	6	Brown
H	Lamp	7	Orange
J	Electronic module	8	Pink
L	Temperature sensor	9	Grey
M	Defrost heater	10	Blue
N	Fan motor		
O	Bimetal		
P	Duct heater		
Q	Capacitor		
R	Flat cable		
S	Freezer lamp		
T	Interface		

4812 711 78111

Wiring Diagram



A	Power cord	1	Black
B	Overload protector	2	Red
C	Relay	3	White
D	Compressor	4	Yellow
E	PTC	5	Green
F	Terminal box	6	Brown
H	Lamp	7	Orange
J	Electronic module	8	Pink
L	Temperature sensor	9	Grey
M	Defrost heater	10	Blue
N	Fan motor		
O	Bimetal		
P	Duct heater		
Q	Capacitor		
R	Flat cable		
S	Freezer lamp		
T	Interface		

4812 711 78111