

VESTEL REFRIGERATOR SERVICE MANUAL

**VESTELMODEL :**

FN 145V

MODEL :

BCT 105 (VESTEL FRANCE / BLUESKY)

CODE :

10012898

CONTENTS	PAGE
1. SPECIFICATIONS	1-2
2. ASSEMBLE & DISASSEMBLE	
❖ Changing to right hand	3-5
❖ Thermostat knob	5
3. REFRIGERANT CYCLE DIAGRAM	6
4. MACHINE ROOM VIEW	7
5. CIRCUIT DIAGRAM	7
6. INTERIOR PARTS	8
7. INTERIOR PARTS LIST	9
8. ACCESSORY PARTS	10
9. ACCESSORY PARTS LIST	11
10. DOOR ASSY. PARTS	12
11. DOOR ASSY. PARTS LIST	13
12. UNIT PARTS	14
13. UNIT PARTS LIST	15

VESTEL WHITE GOODS	VESTEL REFRIGERATOR	FEBRUARY 2002
	SPECIFICATIONS	

1. SPECIFICATIONS - BCT 105

	BCT 105
CLIMATE TYPE	NORMAL
DOOR COLOR	WHITE
DOOR	2 SIDE AVAILABLE
DOOR INSULATION	CYCLOPENTAN
INSULATION	CYCLOPENTAN
LEVELLING FOOT	2
REFRIGERATOR GASKET	-
FREEZER GASKET	WHITE

ELECTRICAL SPECIFICATIONS

	BCT 105
ENERGY CLASS	B
COMPRESSOR	BPM 1084Z Aspera
POWER	140 W
ENERGY CONSUMPTION	0.75 kWh / 24h
CURRENT	1.0A
REFRIGERANT	R 134a
REFRIGERANT CHARGE	75 gr.

RELAY

	BCT 105
RELAY TYPE	1.260.001
THERMIC TYPE	T0127/26

REFRIGERATING SYSTEM CONTROL

	BCT 105
THERMOSTAT TYPE	077B1149
DRYER	7.5 gr.
DEFROST TYPE	Manual
CAPILLARY TUBE	0.71 x 2500 mm

VESTEL WHITE GOODS CONSUMER SERVICE	TECHNICAL DEPARTMENT
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VESTEL WHITE GOODS	VESTEL REFRIGERATOR	FEBRUARY 2002
	SPECIFICATIONS	

TEMPERATURE CONTROL(MAX.)

	BCT 105
CUT IN	- 21.0°C
CUT OUT	- 31.0°C

TEMPERATURE CONTROL (MIN.)

	BCT 105
CUT IN	- 14.0°C
CUT OUT	- 21.0°C

DIMENSIONS

	BCT 105
REFRIGERATOR VOLUME GROSS (l)	-
FREEZER VOLUME GROSS (l)	105
REFRIGERATOR VOLUME NET (l)	-
FREEZER VOLUME NET (l)	101
WEIGHT (kg)	31,7
HEIGHT (mm)	838
DEPTH (mm)	600
WIDTH (mm)	540

PACKAGED DIMENSIONS

	BCT 105
WEIGHT (kg)	34,2
HEIGHT (mm)	875
DEPTH (mm)	630
WIDTH (mm)	560

FREEZER ACCESSORY

	BCT 105
GRIP TRAY ICE	1
ICE SCRAPER	1
ICE TRAY	1
BASKET	2

VESTEL WHITE GOODS CONSUMER SERVICE	TECHNICAL DEPARTMENT
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VESTEL WHITE GOODS	VESTEL REFRIGERATOR	FEBRUARY 2002
	ASSEMBLE & DISASSEMBLE	

2. ASSEMBLE & DISASSEMBLE

A- Changing The Doorway Direction to Right Hand

1- Lie down the appliance to the left side. (FIG-1)

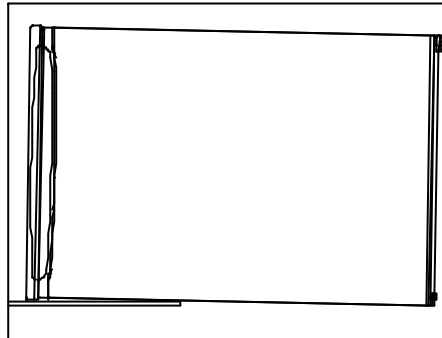


Figure - 1

2- Dismantle both levelling feet. (FIG-2)

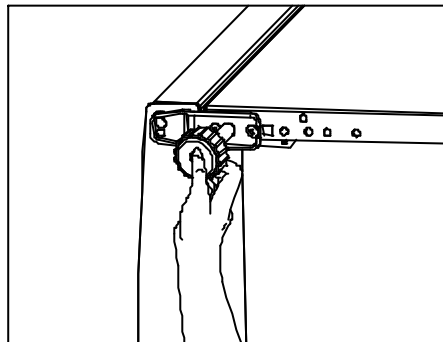


Figure - 2

3- Loosen two screws, which are fixing the bottom hinge. (FIG-3)

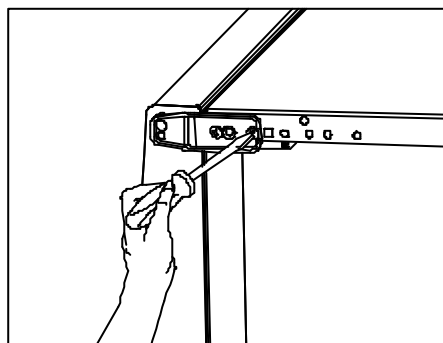


Figure - 3

VESTEL WHITE GOODS CONSUMER SERVICE	TECHNICAL DEPARTMENT
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VESTEL WHITE GOODS	VESTEL REFRIGERATOR	FEBRUARY 2002
	ASSEMBLE & DISASSEMBLE	

A- Changing The Doorway Direction to Right Hand

4- Dismantle the bottom hinge. (FIG-4)

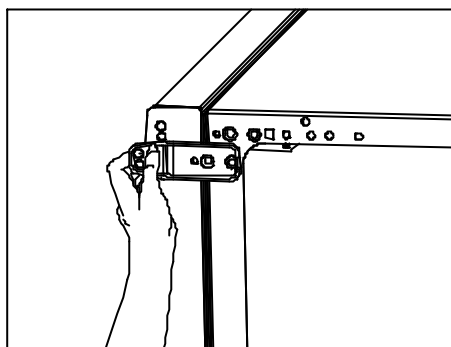


Figure - 4

5- Then change the placement of bottom hinge pin as shown below. Unscrew the hinge pin and screw in the next hole. (FIG-5)

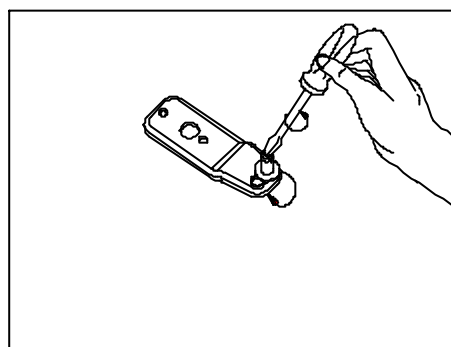


Figure - 5

6- After dismantle the door from the cabinet and unscrew the pin of the right top hinge. (FIG-6)

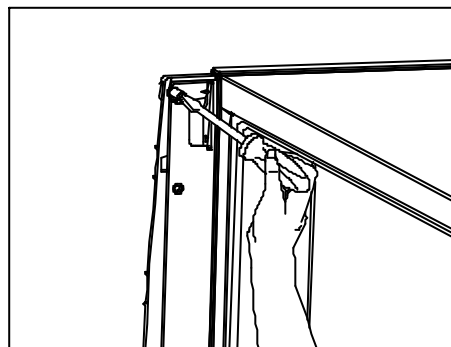


Figure - 6

VESTEL WHITE GOODS CONSUMER SERVICE	TECHNICAL DEPARTMENT
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VESTEL WHITE GOODS	VESTEL REFRIGERATOR	FEBRUARY 2002
	ASSEMBLE & DISASSEMBLE	

A- Changing The Doorway Direction to Right Hand

7- Screw the pin on the left top hinge. (FIG-7)

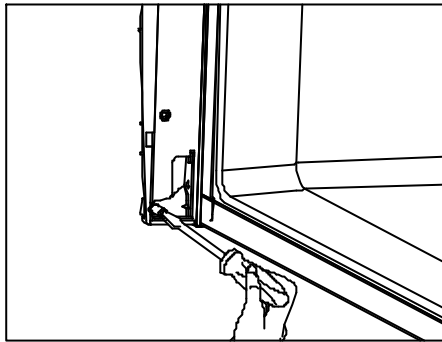


Figure - 7

8- Replace the bushing with the bushing cap on top of door. Change the placement of bushing on the bottom of the door. (FIG-8)

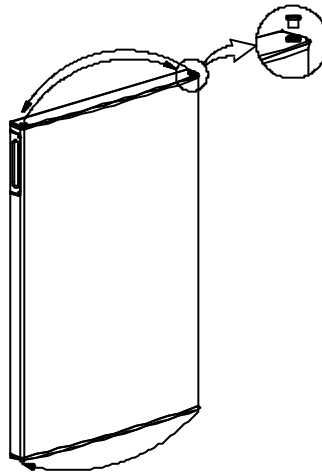


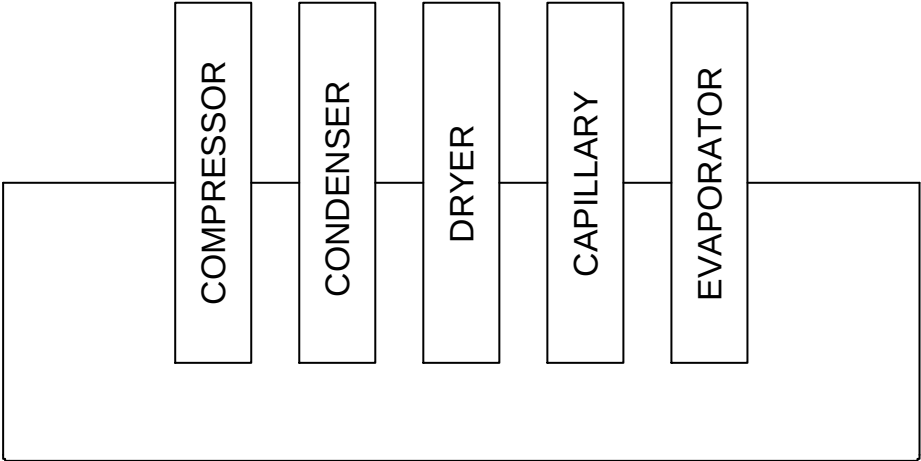
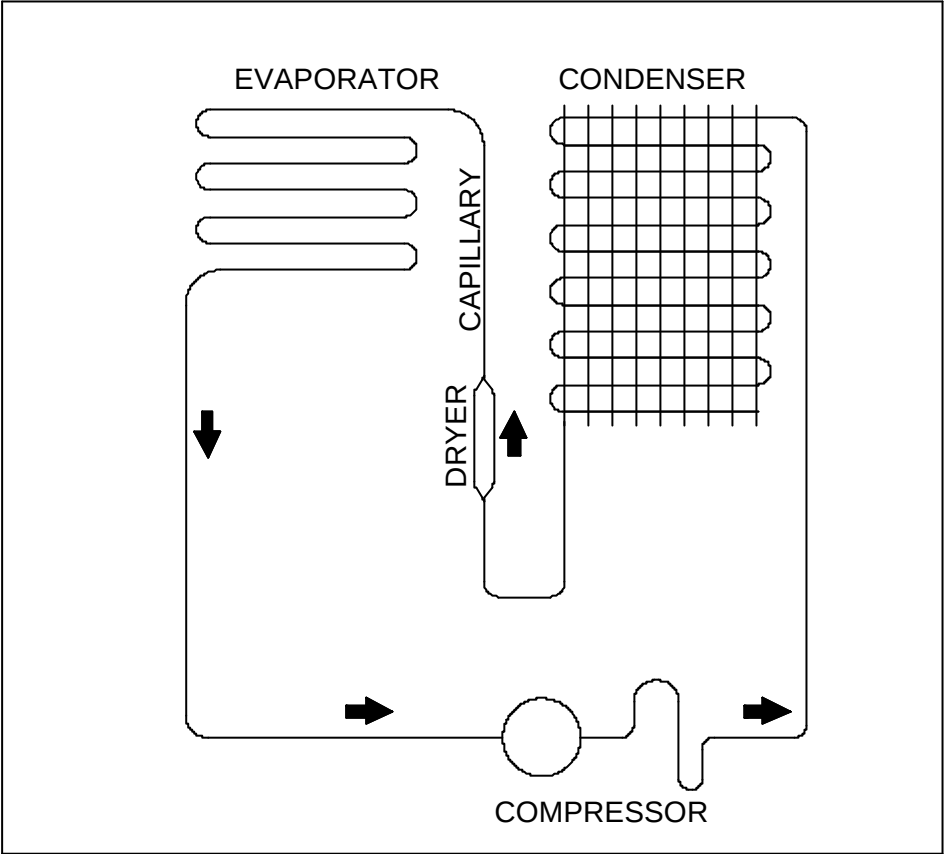
Figure - 8

B - Thermostat Knob

- ❖ This knob is used to control the temperature of the freezer and refrigerator automatically. It can be set to any value between the " 0 " and " 3 " positions.
- ❖ " 0 " position indicates that the thermostat is "off" and so in this position no cooling is done.
- ❖ By turning the knob from " 0 " to " 3 " positions , you can increase the cooling degree.
- ❖ The refrigerator is designed to get optimum performance when the thermostat knob is set in the middle position.

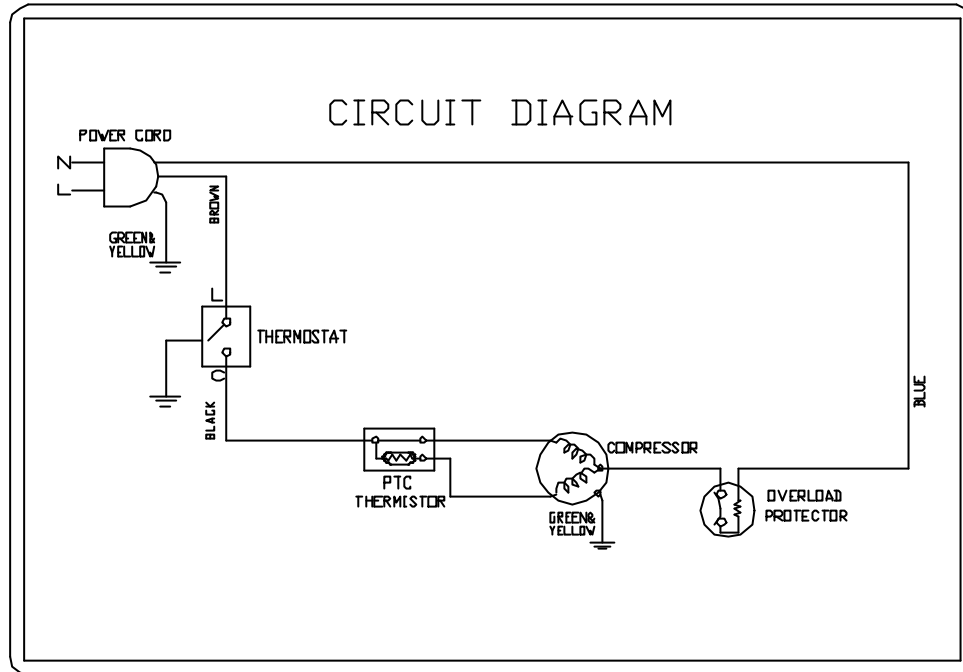
VESTEL WHITE GOODS CONSUMER SERVICE	TECHNICAL DEPARTMENT
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VESTEL WHITE GOODS	VESTEL REFRIGERATOR	FEBRUARY 2002
	REFRIGERANT CYCLE DIAGRAM	

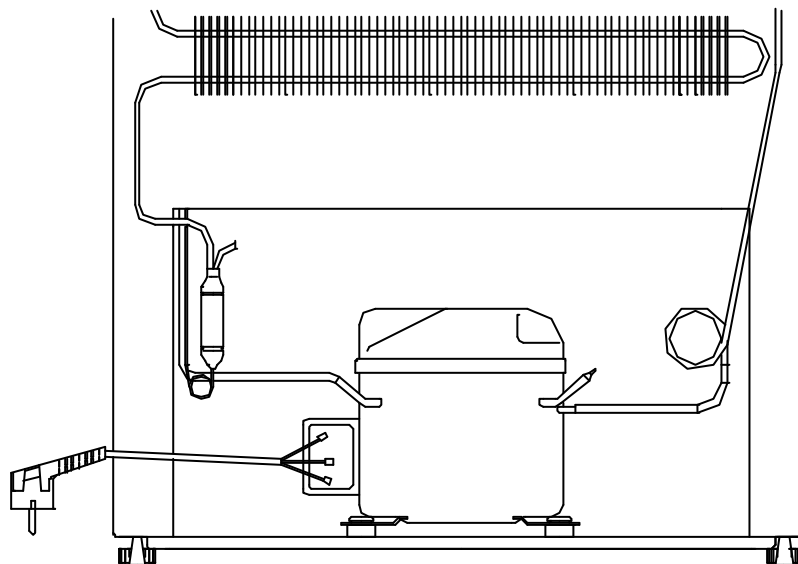


VESTEL WHITE GOODS CONSUMER SERVICE	TECHNICAL DEPARTMENT
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VESTEL WHITE GOODS	VESTEL REFRIGERATOR	FEBRUARY 2002
	CIRCUIT DIAGRAM & MACHINE ROOM VIEW	

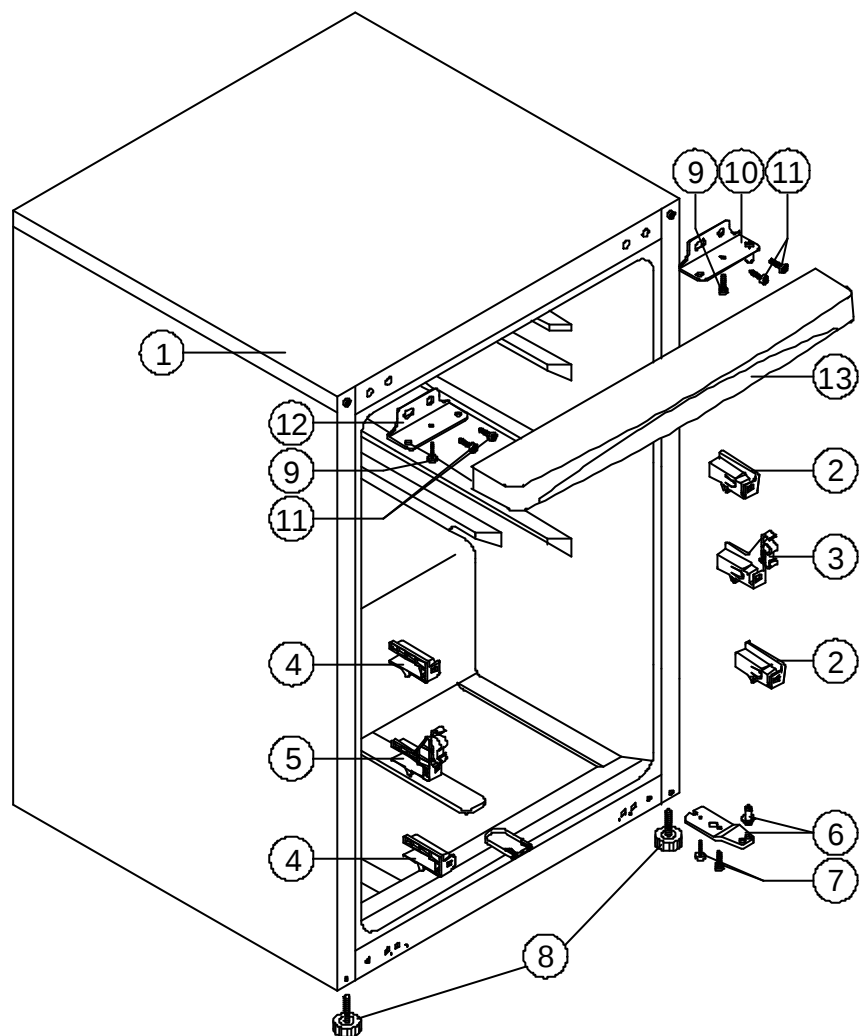


BCT 105



BCT 105

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VESTEL WHITE GOODS	VESTEL REFRIGERATOR	FEBRUARY 2002
	INTERIOR PARTS LIST	

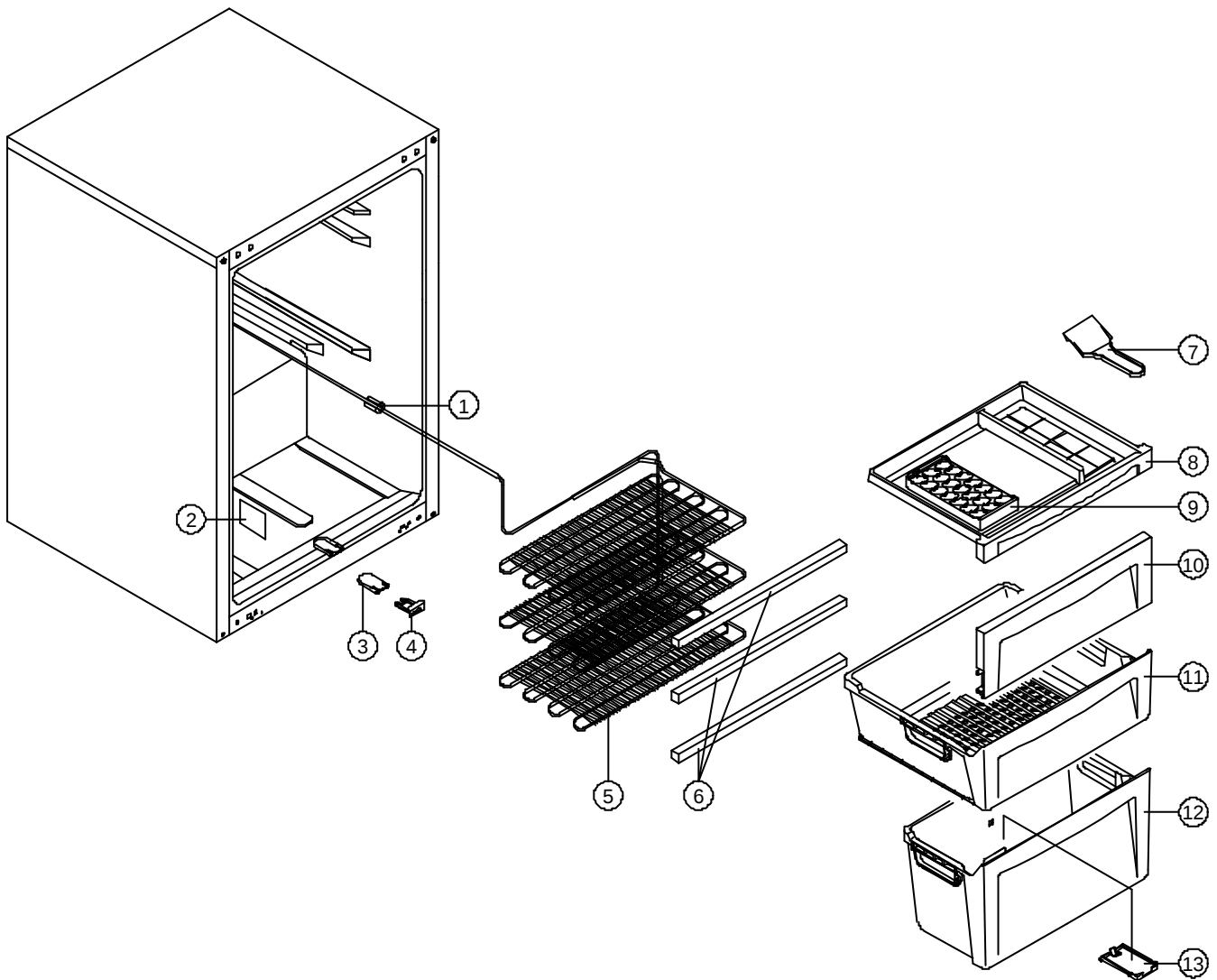
NO	CODE	PARTS NAME	BCT 105
1	20077742	ASSY URT CAB/145	1
2	40008865	F EVAP SUPPORT R/360	2
3	40008867	F COVER SUPPORT R/360	1
4	40008866	F EVAP SUPPORT L/360	2
5	40008868	F COVER SUPPORT L/360	1
6	35003211	BOTTOM HINGE/140V	1
7	35000714	SCREW M5*14 WN 1342-H EJOT	2
8	45000563	STATIONARY FOOT	2
9	35001817	SCREW 4.2*9.5 WITH WASHER	2
10	35003212	TOP HINGE/140V (RIGHT)	1
11	35000714	SCREW M5*14 WN 1342-H EJOT	4
12	35003213	TOP HINGE/140V (LEFT)	1
13	40006463	TABLE TOP HEAD PANEL/V	1

VESTEL WHITE GOODS CONSUMER SERVICE	TECHNICAL DEPARTMENT
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VESTEL
WHITE GOODS

VESTEL REFRIGERATOR
ACCESSORY PARTS

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VESTEL
WHITE GOODS CONSUMER SERVICE

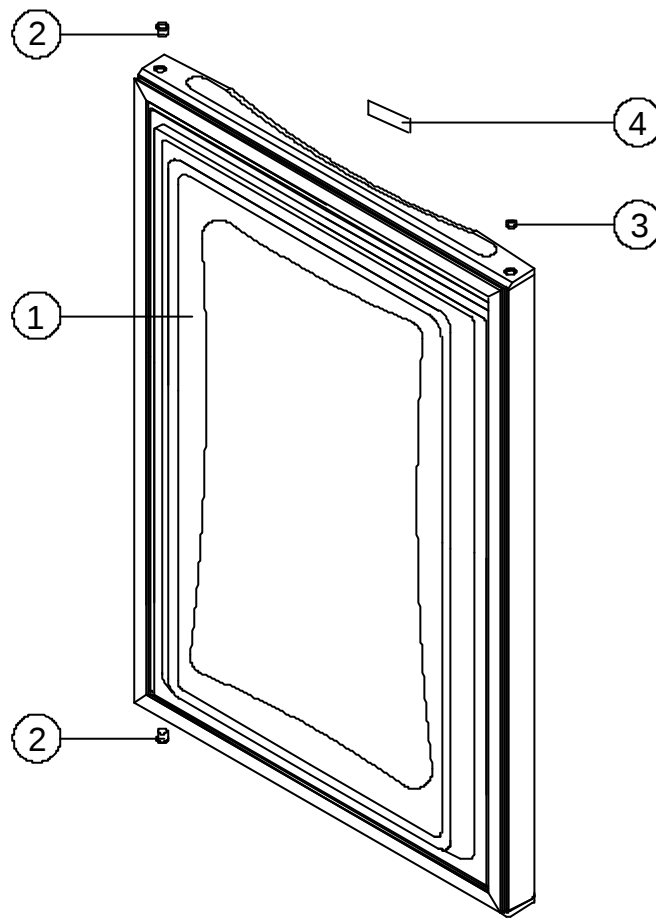
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DEPARTMENT

VESTEL WHITE GOODS	VESTEL REFRIGERATOR	FEBRUARY 2002
	ACCESSORY PARTS LIST	

NO	CODE	PARTS NAME	BCT 105
1	40003861	ANTIVIBRATION	1
2	20090469	NAME PLATE/145N BLUESKY-FR (BCT105)	1
3	40008441	F DRAIN HOLDER/260 (BLUE)	1
4	40006588	F DRAIN/260	1
5	35003404	F EVAPORATOR ASSY/145	1
6	40007373	F EVAP TRIM/145	3
7	40002276	ICE SCRAPER	1
8	40008216	GRIP TRAY ICE/145	1
9	40002236	ICE TRAY	1
10	40008414	F COVER/145 (SRGF)	1
11	40008416	MIDDLE BASKET/145 (SRGF)	1
12	40008415	BOTTOM BASKET/145 (SRGF)	1
13	40006589	BASKET F DRAIN/360	1

VESTEL WHITE GOODS CONSUMER SERVICE	TECHNICAL DEPARTMENT
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VESTEL WHITE GOODS	VESTEL REFRIGERATOR	FEBRUARY 2002
	DOOR ASSY. PARTS	



VESTEL WHITE GOODS CONSUMER SERVICE	TECHNICAL DEPARTMENT
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VESTEL WHITE GOODS	VESTEL REFRIGERATOR	FEBRUARY 2002
	DOOR ASSY. PARTS LIST	

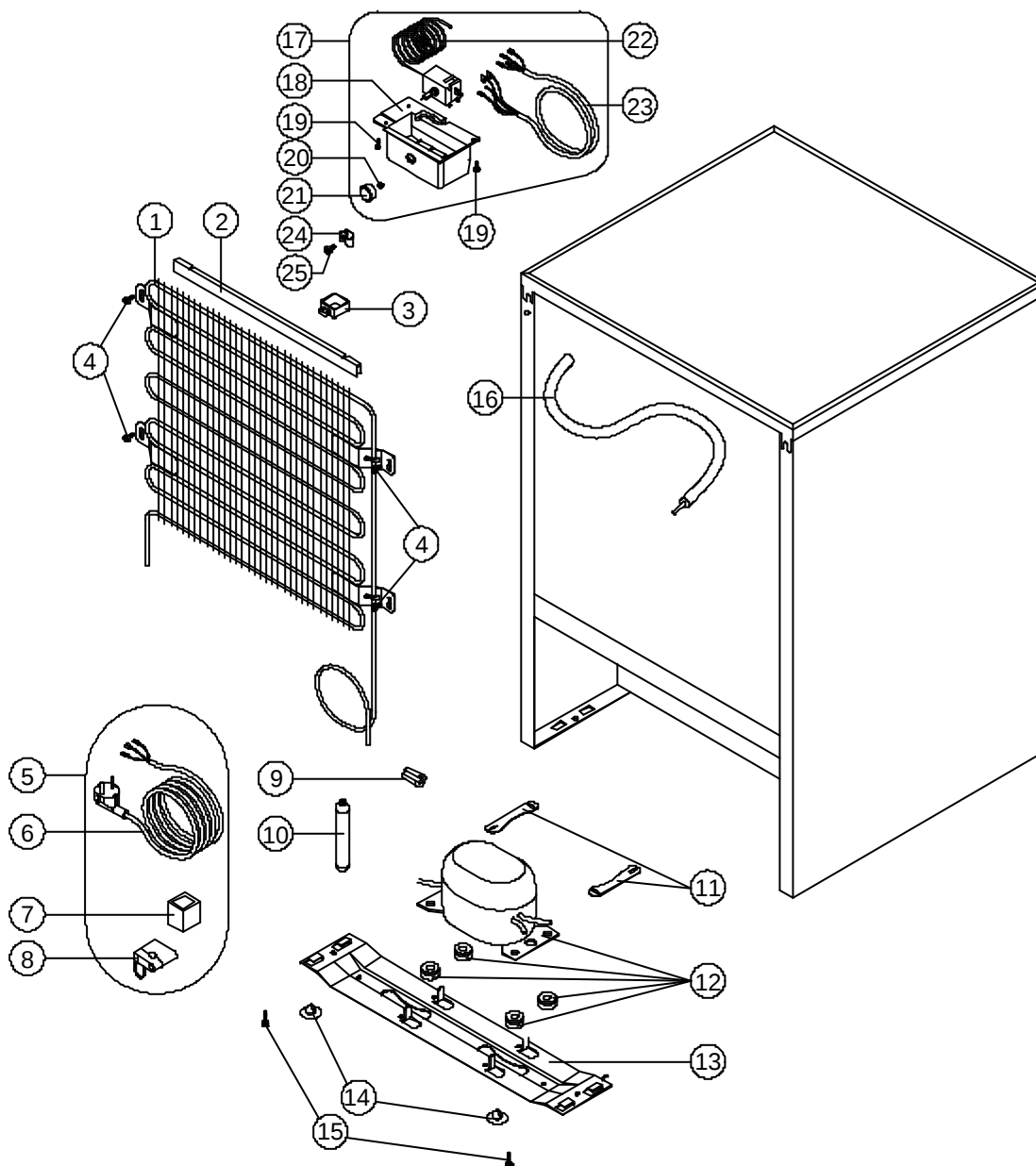
NO	CODE	PARTS NAME	BCT 105
1	20056174	ASSY.DOOR/145V SRGF	1
2	40002242	BUSHING/345P	2
3	40002243	BUSHING CAP	1
4	45001868	LOGO BLUESKY	1

VESTEL WHITE GOODS CONSUMER SERVICE	TECHNICAL DEPARTMENT
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VESTEL
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VESTEL REFRIGERATOR
UNIT PARTS

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VESTEL WHITE GOODS	VESTEL REFRIGERATOR	FEBRUARY 2002
	UNIT PARTS LIST	

NO	CODE	PARTS NAME	BCT 105
1	35003825	MAIN CONDENSER/145N	1
2	40006285	CONDENSER TRIM/140	1
3	40002180	SPACER	1
4	35001817	SCREW 4.2*9.5 WITH WASHER	4
5	30014984	POWER CORD GR.BPM1084Z/145N	1
6	30010202	POWER CORD(1.5m)	1
7	30014985	OVER LOAD RELAY/BPM1084Z	1
8	40006235	CABLE HOLDER / 140	2
9	40002210	ANTIVIBRATION	1
10	35002601	DRYER(XH9.7.5GR)	1
11	20020023	COMP FIXING BRACKET	2
12	30014983	COMPRESSOR/BPM1084Z	1
13	20066212	COMP BASEMENT/140	1
14	40006283	FOOT	2
15	35000714	SCREW M5*14 WN 1342-H EJOT	2
16	40007580	SUCTION TUBE CASE	1
17	30014167	THERMOSTAT BOX ASSY/145	1
18	40008159	THERMOSTAT BOX SRGF / 145	1
19	35003482	SCREW PLS KA 40*13(INOX-S.UÇ)SUS 430	3
20	35000730	SPRING	1
21	40007479	THERMOSTAT KNOB SRGF / 145	1
22	30015039	THERMOSTAT(DNFS077B1149)	1
23	30014168	WIRING HARNESS / THERMOSTAT / 145	1
24	40006235	CABLE HOLDER/140	2
25	35001817	SCREW 4.2*9.5 WITH WASHER	2
	50021133	USER'S MANUEL/FREEZER-145-FR.	1
	40002218	KABLO BAGI(YKB100)	2
	20063524	PACKAGE GR/140V	1
	50023525	PACKAGE CARTOON/140 STANDARD	1
	50008938	STRAFOR BOTTOM/140	1
	50008937	STRAFOR TOP RIGHT/140	1
	50008955	STRAFOR TOP LEFT/140	1
	50018292	CIRCUIT DIAGRAM/145 ENG	1
	50024687	PACKAGE LABEL/145V(N)BLUESKY-FR (BCT105)	2
	50024688	ENERGY LABEL/145V(N)BLUESKY (BCT105)	1
	50007618	OZON FRIENDLY LABEL	1

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