

1. SPECIFICATIONS

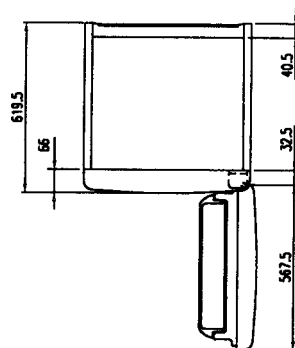
1. Specifications

Model name				ERF-100			
Divisio				mechanic			
Refrigerant	R-134a			90gr			
Blowing agent		C-PENTANE					
Cooling system		Fan cool system					
Defrost system		Automatic start & Automatic stop system					
Compressor		HPL25YG1-5					
Rated voltage (w)		AC220~240V / 50Hz					
Rated input (W)				135			
Lamp rated input (W)				15			
Gross capacity (liter)	Freezer			93			
	Refrigerator			223			
	Total			316			
External dimension (mm)	Height			1780			
	Width			600			
	Depth			618			
Energy consumption	kwh/24h class			1,28 B			
Freezing capacity(kg/24h)				5.0			
Star rating				* ***			
Climate class				N			
Net weight (kg)				69			

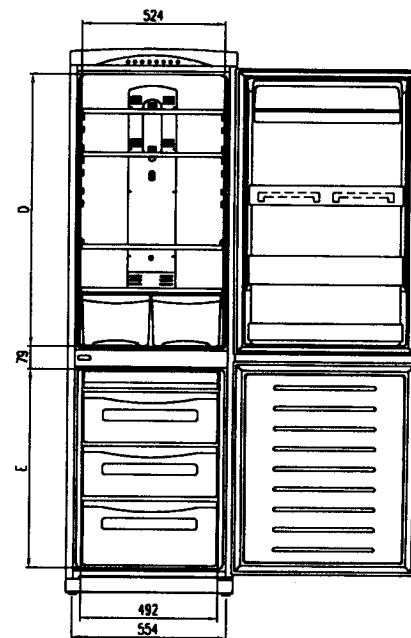
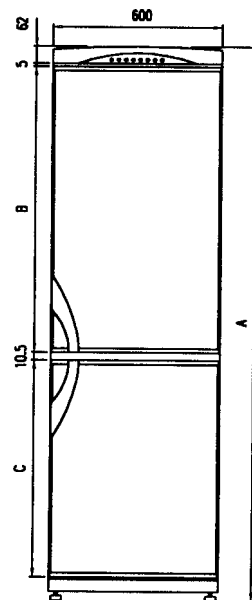
1.2. Types of the approved safety standards



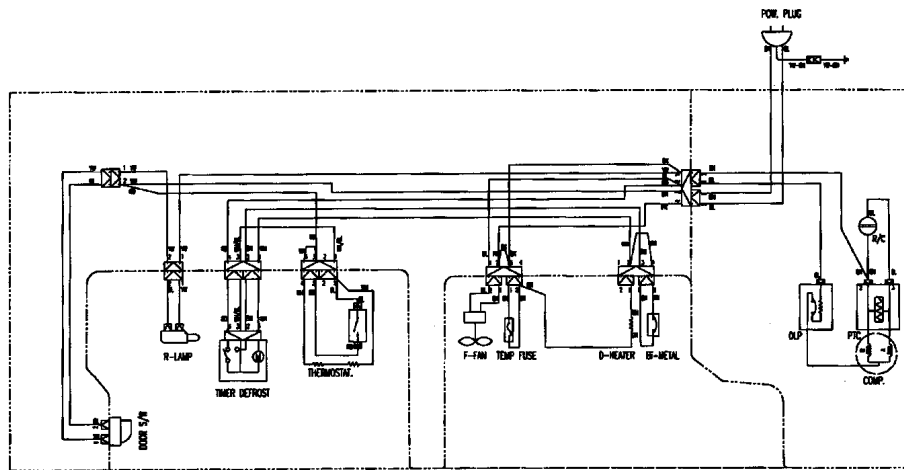
2. ERF-100



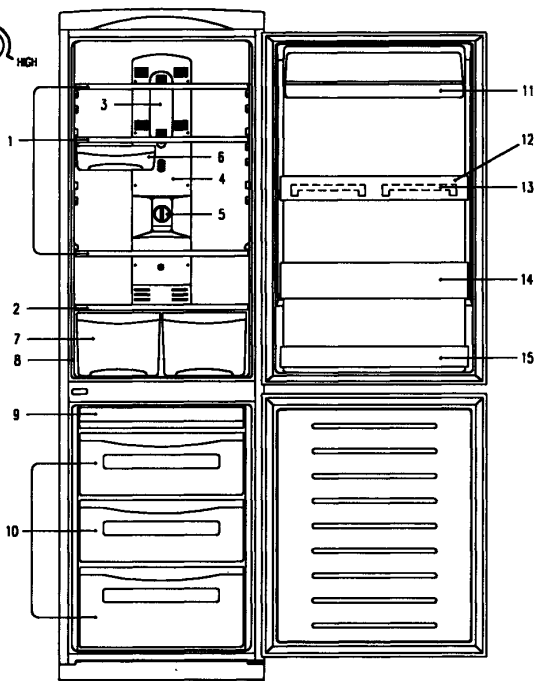
MODELO	A	B	C	D	E	NOTA
ERF-361A(M)	1.780	931	698	862.5	621.5	
ERF-391A(M)	1.911	1.062	698	993.5	621.5	
ERF-411A(M)	2.000	1.062	787	993.5	710.5	



3. WIRING DIAGRAM ERF-100



ERF-100

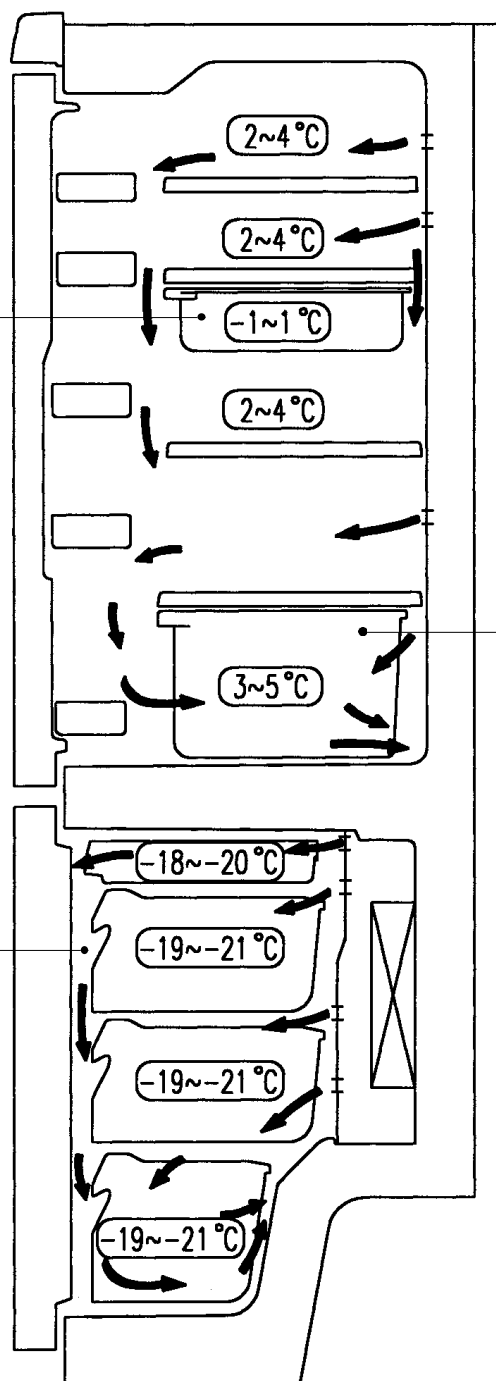


4. AIR FLOW DIAGRAM

Fresh food preserving case
(Chilled case)
Used for storing fish or meat

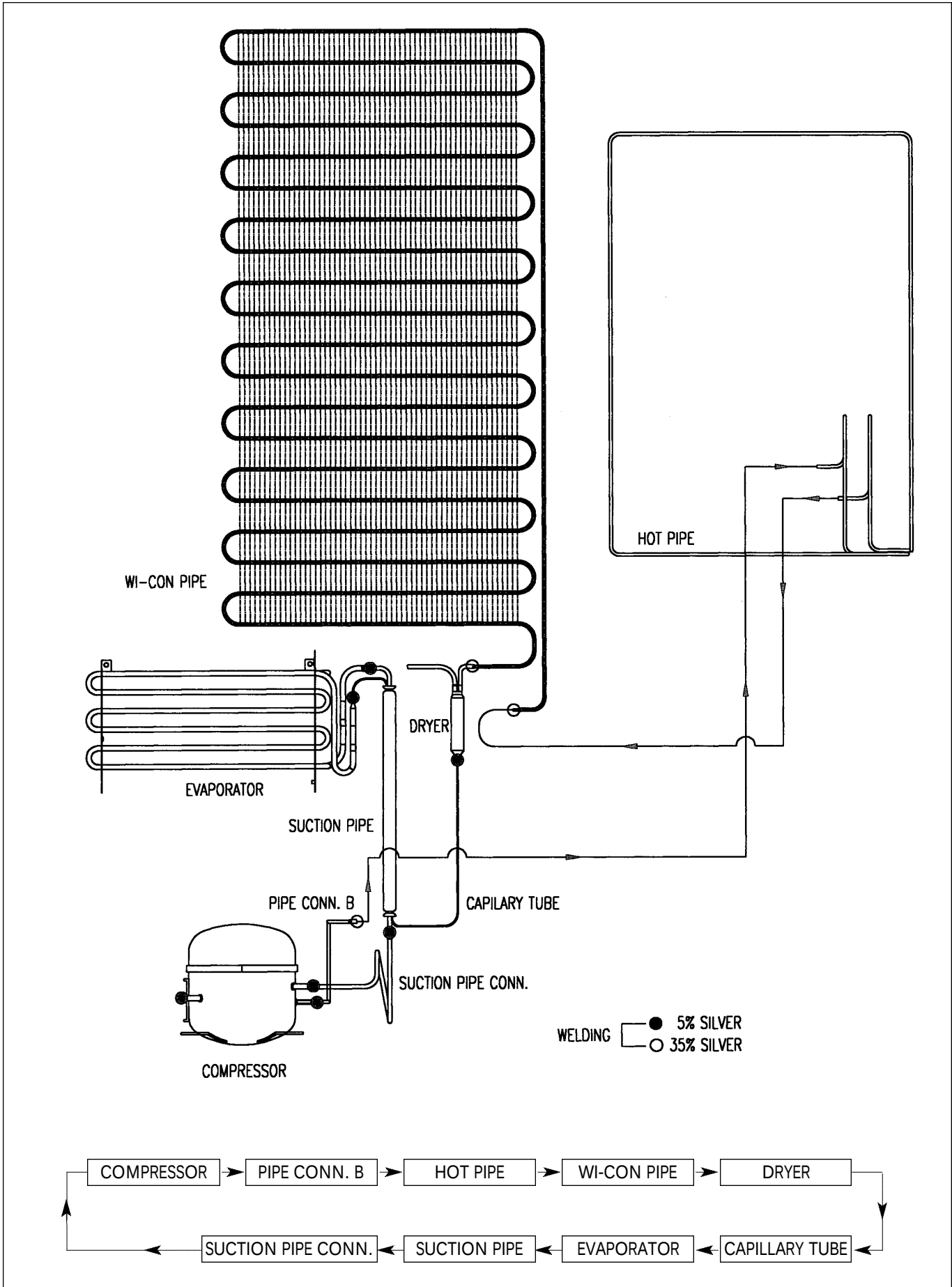
Case vegetable
For storing fruits or vegetables

Air circulation in the
freezer compartment
Cold air flow comes
out from the front
hole and comes into
the lower hole in
louver

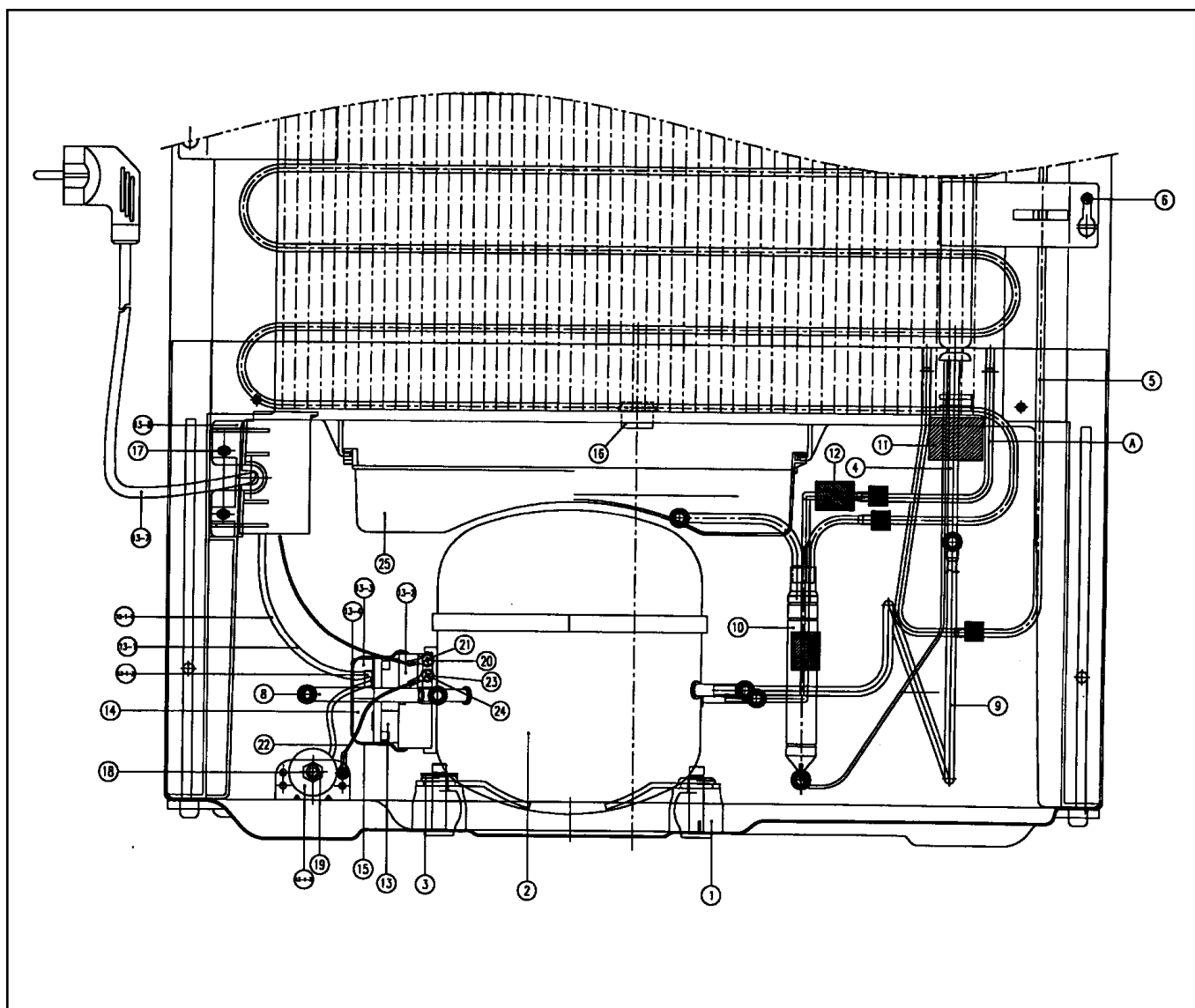


* Standard Model

5. REFRIGERANT CYCLE DIAGRAM



6. MACHINE ROOM VIEW AND PART LIST



N°	PART NAME	N°	PART NAME	N°	PART NAME
A	PIPE HOT	13-1	HARNESS RELAY AS	17	SCREW TRS 4X14
1	ABSORBER COMP.	13-1-1	HARNESS RELAY	18	SPECIAL WASHER R/C
2	COMPRESSOR	13-1-2	CAPACITOR RUN AS	19	SPECIAL NUT R/C
3	FIXTURE COMP.	13-1-3	CABLE TIE	20	SPECIAL WASHER
4	EVAPORATOR AS	13-2	BOX RELAY	21	SPECIAL MASHINE
5	PIPE Wi-CON AS	13-3	CABLE CLAMP	22	HARNESS EARTH
6	SPECIAL SCREW E	13-4	SCREW TAPPING	23	SPECIAL WASHER
7	PIPE CONN B	13-5	SWITCH P RELAY PTC	24	SCREW MASHINE
8	PIPE CHARGE	13-6	SWITCH P RELAY OL	25	CASE VAPORI
9	PIPE SUC. CONN	13-7	CODE POWER AS		
10	DRYER AS	13-8	COVER ME HOUSING		
11	ABSORBER PIPE B	14	REALY COVER		
12	ABSORBER PIPE C	15	BAND REALY		
13	BOX RELAY AS	16	CAP DRAINER		

7. COMPONENTS SPECIFICATIONS

Specification

1. COMPRESSOR

				ERF-100			
Part name	HPL25YG1-5						
Part code	3956420481						
Rated voltage	220/240V 50Hz						
Starting type	RSCR						
Refrigerant	R-134a						

2. PTC

				ERF-100			
Part name	PTH490D-AS330						
Part code	3817907000						

3. OLP

				ERF-100			
Part name	4TM213NHBY						
Part code	3817911200						

4. RUNNING CAPACITOR

				ERF-100			
Part name	MP80040061						
Specification	4μF, 400VAC						
Part code	3010938000						

5. FAN MOTOR AS

				ERF-100			
Part name	IS-2321 1DWBFO						
Specification	220-240V, 50HZ, 2400RPM						
Part code	3011604700						

6. HEATER A AS

				ERF-100			
Type	Glass tube heater						
Specification	AC230V, 148W						
Part code	3012807600						

Component specifications

7. LAMP

				ERF-100			
Type	Pygmy						
Specification	AC230V, 15W (E14)						
Part code	3013600700						

8. SWITCHLAMP

				ERF-100			
Type	DSSD-6	1051					
Specification	250V, 0,5A	250V, 0,25A					
Part code	3011721300	3018111500					

9. SOCKET LAMP

				ERF-100			
Type	A/C-800						
Specification	AC250V, E14						
Part code	3017903900						

10. FUSE TEMPERATURE

				ERF-100			
Type	DF77S						
Specification	AC250V, 77 °C						
Part code	3017200420						

11. SWITCH BI-METAL

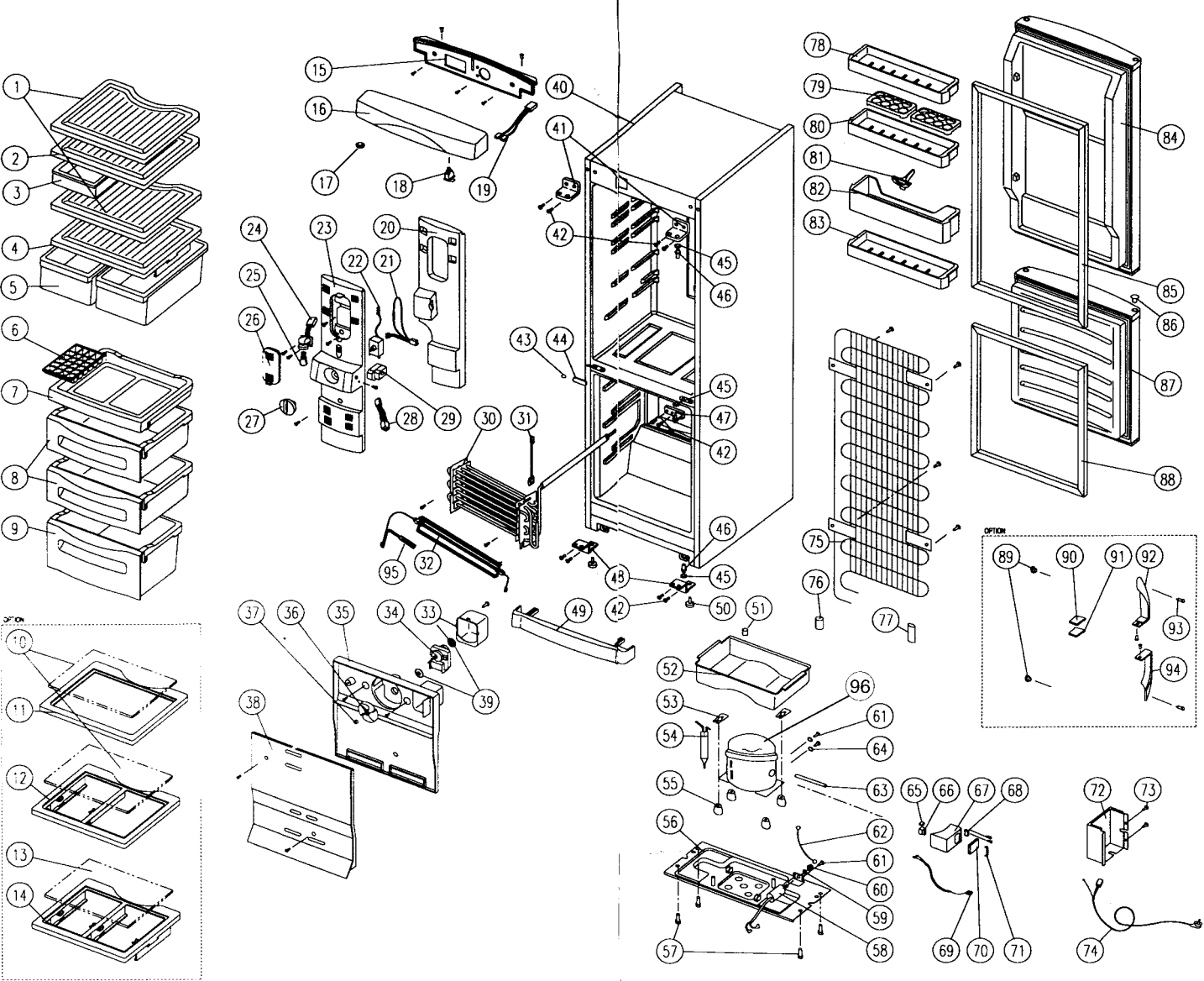
				ERF-100			
Type	PST-3						
Specification	250V, 50~60Hz						
Part code	3018120600						

12. SWITCH D TIMER

			ERF-100	
Type	JDT-MN7109D			
Specification	AC250V, 50/60Hz			
Part code	3018117500			

13. THERMOSTAT

			ERF-100	
Type	BU-260			
Specification	250V, SA			
Part code	3018302200			



9. PART LIST

1. Parts list

NO	PART NAME	PART CODE	MODEL			DESCRIPTION	REMARK
			ERF-100				
1	SHELF R	3017823200	1			GPPS	
2	COVER CHILLED CASE	3011453400	1				
3	CASE CHILD	3011163300	1			GPPS	
4	COVER VEGTB CASE	3011453600	1			GPPS	
5	CASE VEGTB	3011163400	2			GPPS	
6	CASE ICING	3011163200	1			PP	
7	CASE FD	3011115911	1			HIPS	
8	CASE FB (411:CASE FC)	3011115310	2			HIPS	
9	CASE FA	3011115202	1			HIPS	
10	PLATE SHELF GLASS	3014547700	1			GLASS t4.0	OPTION
11	FRAME GLASS SHELF	3012202400	1			HIPS	OPTION
12	FRAME C/CASE COVER	3012202500	1			HIPS	OPTION
13	PLATE V/CASE COVER GLASS	3014547800	1			GLASS t4.0	OPTION
14	FRAME V/CASE COVER	3012202600	1			HIPS	OPTION
15	BASE CONTROL PANEL	3010312900	1			HIPS	
16	PANEL CONTROL	3014204950	1			ABS	
17	CAP CONTROL PANEL A	3010902810	1			SILICON RUBBER	
18	SWITCH LAMP	3018111500	1			250V 0,25A	
19	HARNESS LAMP SW	3012717020	1				
20	INSULATOR MULTI DUCT	3013337100	1			F-PS	
21	HARNESS THERMOSTAT	3012731500	1				
22	THERMOSTAT	3018120910	1			250V 6A	
23	COVER MULTI DUCT	3011452000	1			HIPS t2.0	
24	SOCKET LAMP AS	3017903900	1				ASSY
25	LAMP	3013600700	1			230V 15W	
26	WINDOW LAMP	3015503300	1				GPPS
27	KNOB R	3013401410	1			HIPS	
28	HARNESS TIMER	3012731600	1				
29	SWITCH DEF TIMER	3018115700	1				
30	EVAPORATOR AS	3017045600	1			EVA+SUC PIPE	
31	SWITCH BI-METAL	3018120600	1			250V 5A	
32	HEATER D AS	3012807600	1			GLASS HEATER+FUSE TEMP	
33	BRACKET FAN MOTOR	3010615600	1			PP	
34	MOTOR FAN AS	3011604700	1			IS-231 1DWBF0	
35	LOUVER F B	3018905500	1			PP (411:HIPS)	
36	FAN	3011801400	1			ABS /100	
37	FIXTURE FAN RING	3012005400	1			SUS304 t0.5	
38	LOUVER F A	3018905300	1			HIPS	
39	BUSHING FAN MOTOR	3010901800	2			NR	
40	ASSY CAB URT	3010071031	1			ASSY	
41	HINGE *T	3012908100	2			P/O+ZN t3.2	
42	SPECIAL BOLT C	3016004900	10			M5xP0.89xL16 SWCH22A	
43	CAP SCREW	3010920200	1			PE-LD	
44	CAP SCREW HOLE	3010920300	1			HIPS	
45	SPECIAL WASHER HINGE	3016005500	3			S20C t1.0 13/7	
46	SHAFT HI	3014903200	2				
47	HINGE *M	3012908000	1			DIE CASTING	
48	HINGE *U	3012908200	2			P/O+ZN t3.2	
49	COVER CAB BRACKET	3011433320	1			HIPS	
50	FOOT ADJUSTING AS	3012101800	2			PP+SPECIAL BOLT	

NO	PART NAME	PART CODE	MODEL			DESCRIPTION	REMARK
			ERF-100				
51	CAP DRAIN HOSE	3010919700	1			NBR	
52	CASE VAPORY	3011162600	1			PP	
53	FIXTURE COMP	3012005300	2			SK5+ZN5-C t0.8	
54	DRYER ASSY	3016802200	1			15Gr (t0.51)	
55	ABSORBER COMP	3010101700	4			NR	
56	BASE COMP	3010318600	1			SBHG t1.0	
57	SPECIAL SCREW A	3016004300	4			M6.5xL20	
58	CAPACITOR RUNNING	3010938000	1			4uF 400AC	DNA
59	SPECIAL WASHER R/C	3016006400	1			A	
60	SPECIAL NUT R/C	3016006500	1			M8	
61	SCREW MACHINE	7051401065	3			PAN 4x10 BSNI	
62	HARNESS EARTH	3012735200	1			110mm	
63	PIPE CHARGE	3014418200	1			DCUT1-/6xT0.6x100	
64	SPECIAL WASHER	3016004700	4			/4.3 STAR	earth:4
65	SWITCH P RELAY OL	3817911200	1			4TM213NHBYY	
66	SWITCH P RELAY PTC	3817907000	1			PTH490D-AS330	
67	REALY BOX	3810506400	1				
68	CABLE CLAMP	3818200300	1				
69	HARNESS RELAY	3012731900	1				
70	RELAY BOX COVER	3811401300	1				
71	BAND RELAY	3816100400	1				
72	COVER MECH HOUSING	3011454100	1			HIPS	
73	SPECIAL SCREW	3016004800	2				
74	CORD POWER AS	3011343300	1			CP 2PIN	
75	WI-CON ASSY	3014434500	1				
		3014434600	-				
76	ABSORBER PIPE C	4016007014	2			EPDM (18g)	PIPE CONN
77	ABSORBER PIPE B	3010101900	1			IIR	PIPE SUC
78	POCKET BUTTER	3019008720	1			HIPS	
79	CASE EGG	3011163600	2			PP	
80	POCKET EGG	3019008701	1			HIPS	
81	GUIDE POCKET	3012510200	1			PP	
82	POCKET BOTTLE A	3019008600	1			HIPS	
83	POCKET R DOOR	3019013600	1			HIPS	
	POCKET BOTTLE B	3019009500	FOR SUPERIOR CLASS			HIPS	SUPERIOR
	GUIDE BOTTLE SUPPORT B	3012508000	FOR SUPERIOR CLASS			STEAL	SUPERIOR
	SUPERIOR POCKET R DOOR	3019008710	FOR SUPERIOR CLASS			HIPS	SUPERIOR
	GUIDE BOTTLE SUPPORT C	3012508010	FOR SUPERIOR CLASS			STEAL	SUPERIOR
84	ASSY R DOOR URT	DMS0075200	1	-	-	LAMINAR HIDDEN	
85	GASKET R DOOR AS	3012306600	1	-	-	PVC+MAGNET	
86	CAP DOOR BUSSHING	3010918300	1			PP	
87	ASSY F DOOR URT	DMS0075300	1	-	-	LAMINAR HIDDEN	
88	GASKET F DOOR AS	3012306500	1			PVC+MAGNET	
89	CAP HANDLE	3010910010	1			HIPS	OPTION
90	COVER DOOR CAP *L	3011437000	2			ABS	OPTION
91	COVER DOOR CAP *R	3011437010	2			ABS	OPTION
92	HANDLE *R	3012610200	1			PBT	OPTION
93	SPECIAL SCREW D	3016004810	4			T2 FLT 4x16 PAINTING	OPTION
94	HANDLE *F	3012610100	1			PBT	OPTION
95	TEMPERATURE FUSE	3017200420	1			DF77S	
96	COMPRESSOR	3956420481	1			HPL25Y61-5	