



Service Manual

Refrigerator

**MODEL : FN15AW
FN15GB
FN-15A3RNWU**

✓ Caution :

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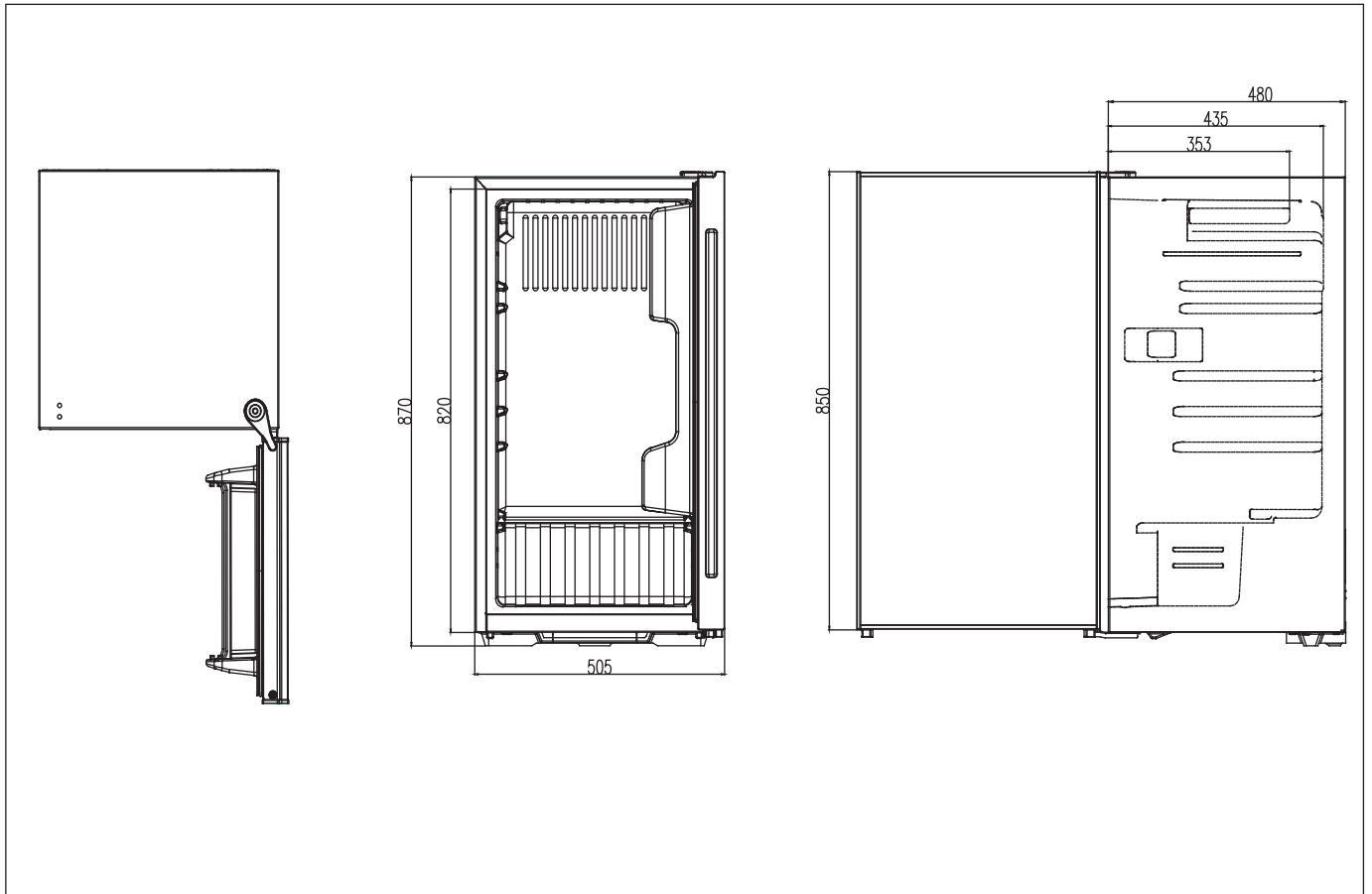
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SPECIFICATION

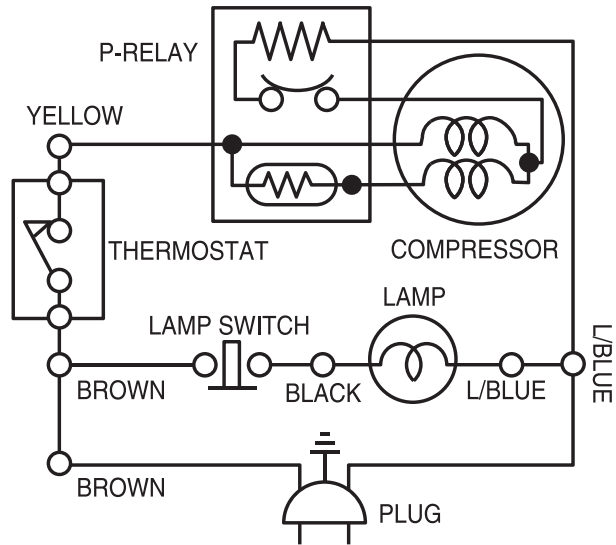
MODEL NAME		FN15****
Refrigerant	R600a	32g
Cooling System		Aluminum-embossed Plat i Roll Bondi type
Refrigeration System		Natural Cold-air Convention
Defrost System		Natural
Defrost Operation		Manual start & Stop
Cold Control		Adjustable Dial
Capacity	Freezer	-
	Refrigerator	-
	Total	120 l
External Dimension	Height	880 _{mm}
	Width	493 _{mm}
	Depth	554 _{mm}
Net Weight	PCM Door	25 kg
	Glass Door	26 kg

EXTERNAL VIEW

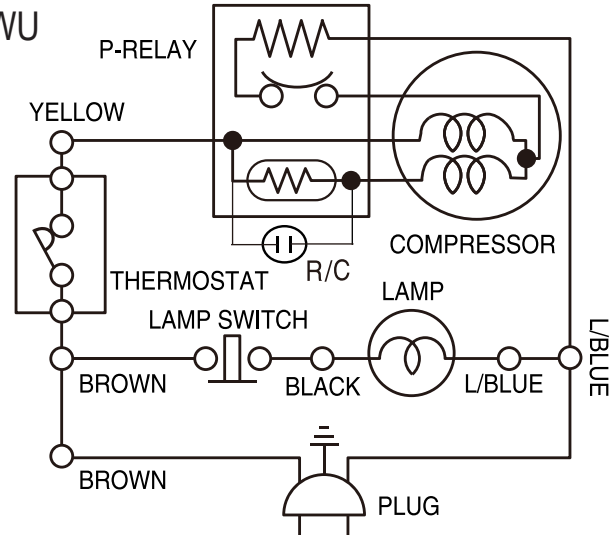


WIRE DIAGRAM

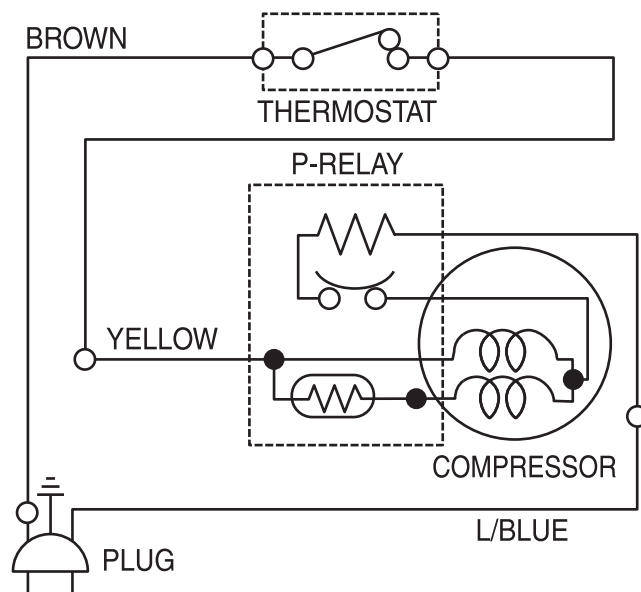
FN15GB



FN-15A3RNU

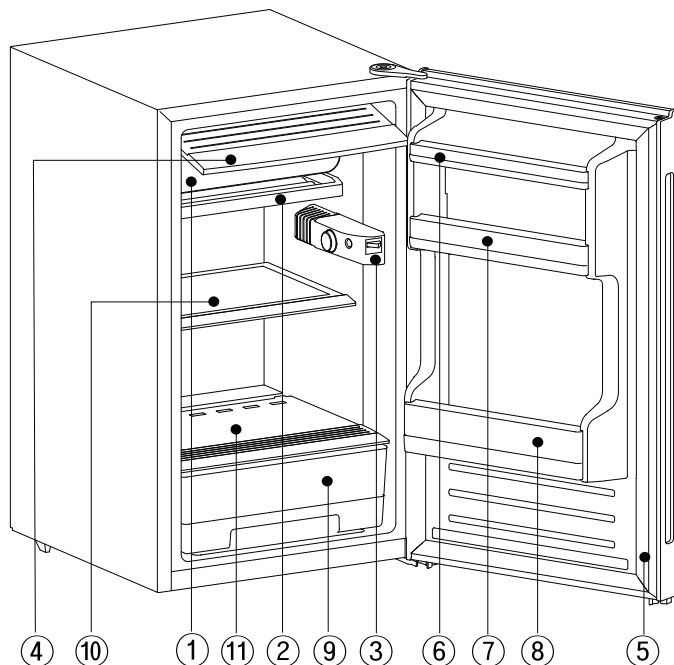


FN15AW



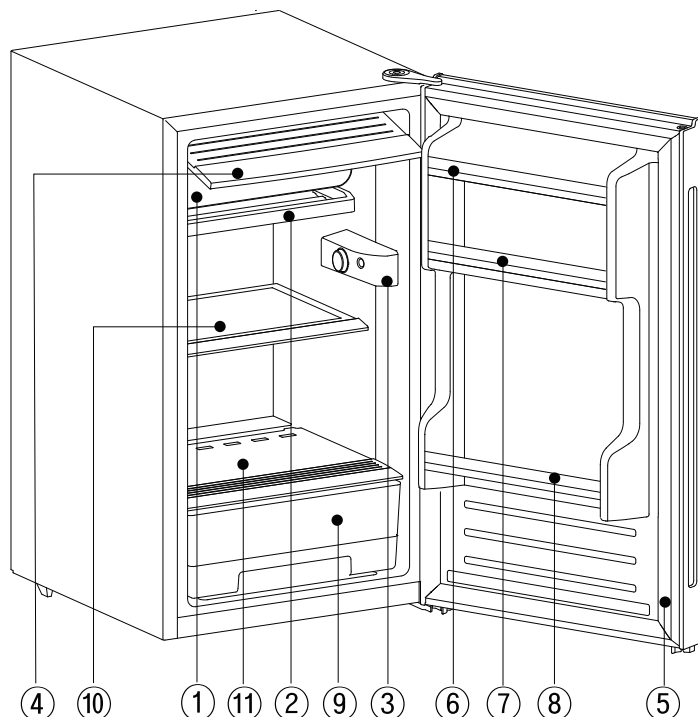
NAME OF PARTS

■ FN15GB FN-15A3RNWU



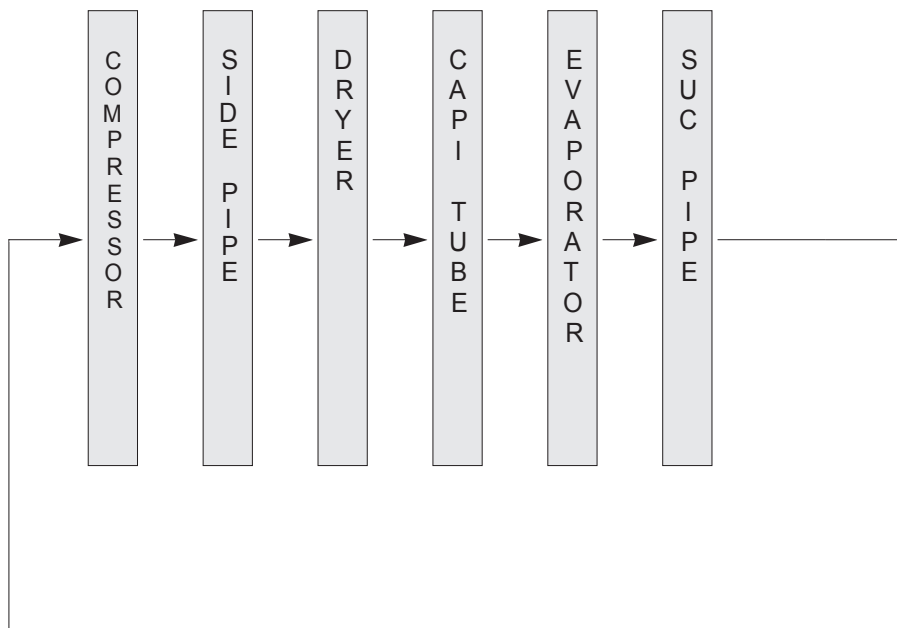
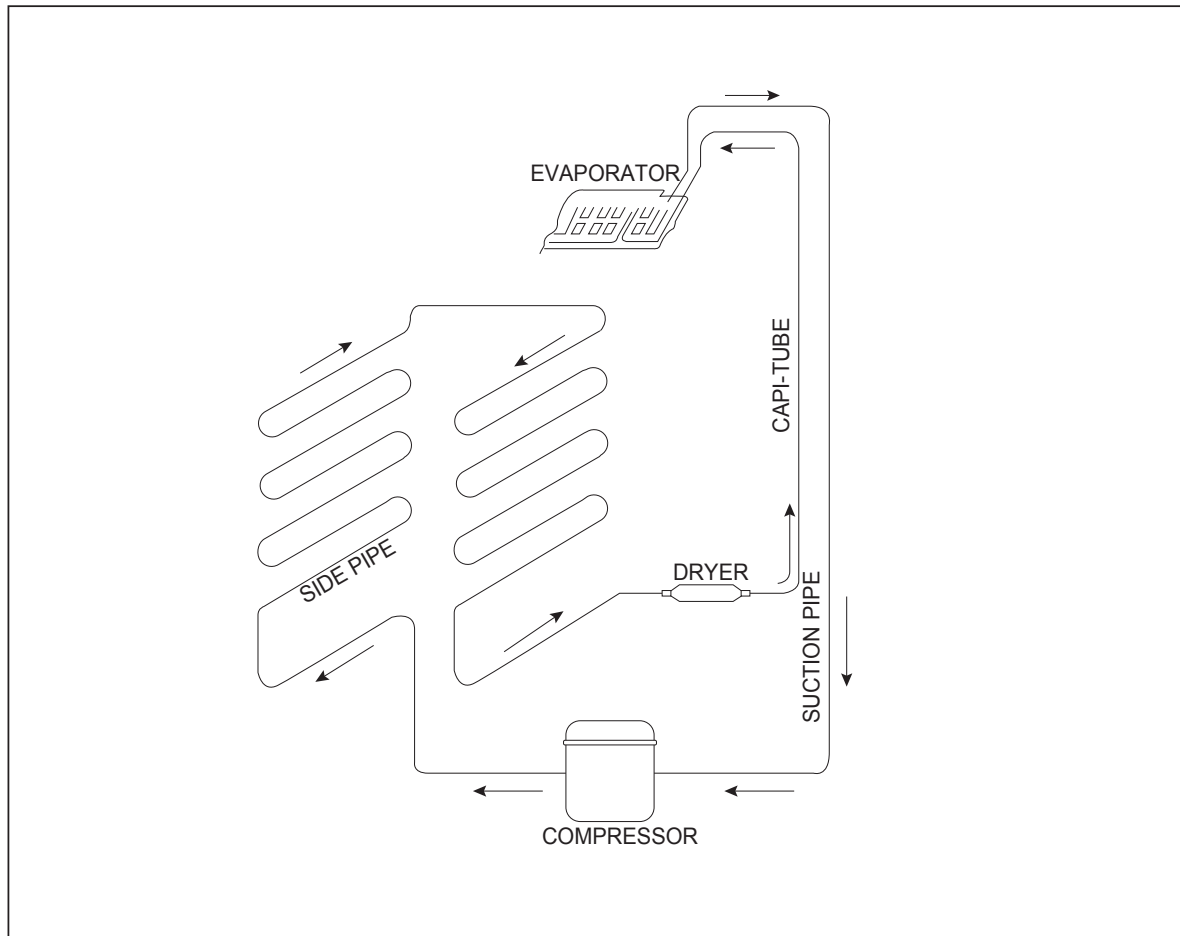
1. Evaporator
2. Defrost drip tray
(use of Defrost Only)
3. Temperature control
4. Evaporator cover
5. Magnetic door seal
6. Small rack
7. Usable rack
8. Bottle rack
9. Salad crisper bin
10. Shelf
11. Crisper lid

■ FN15AW

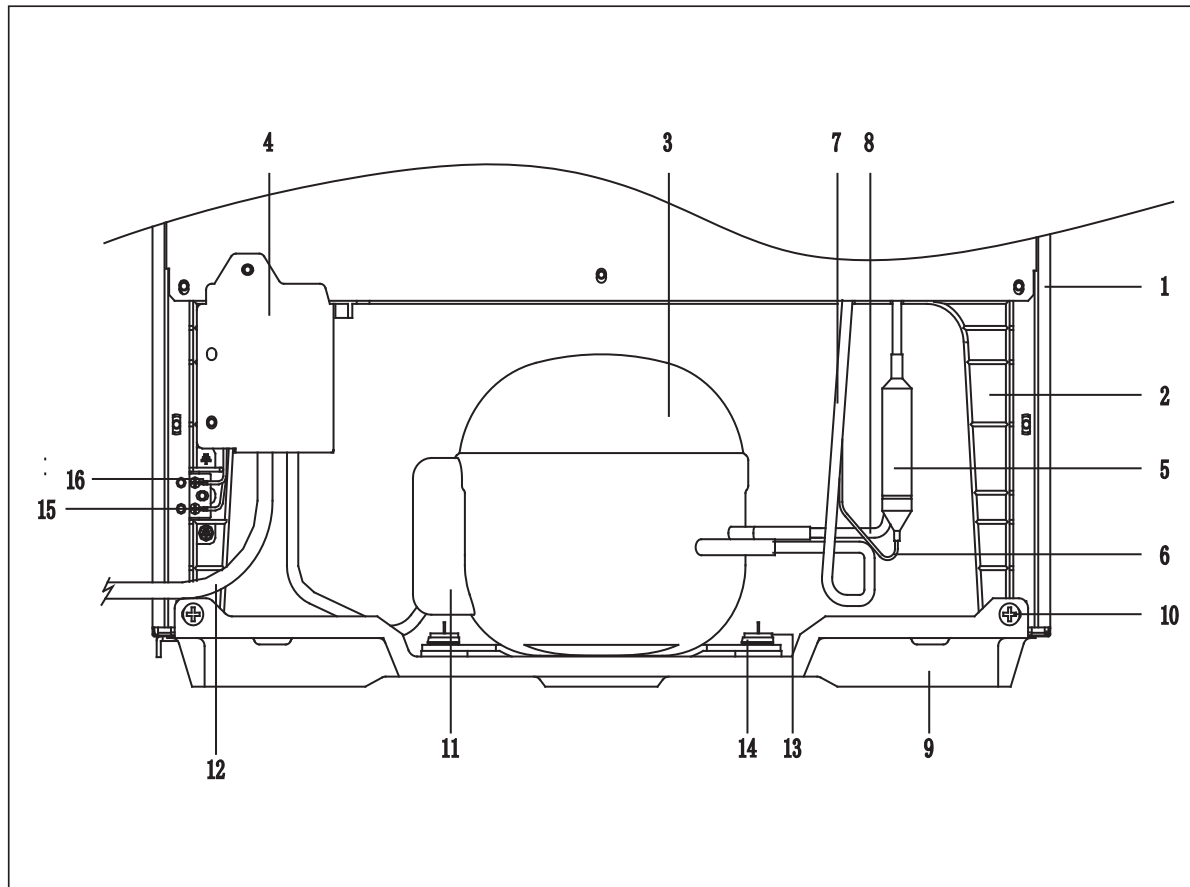


1. Evaporator
2. Defrost drip tray
(use of Defrost Only)
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10. Shelf
11. Crisper lid

REFRIGERANT CYCLE DIAGRAM



MACHINE ROOM VIEW AND PART LIST



NO	PART NAME	NO	PART NAME	NO	PART NAME
1	CABINET	7	SUCTION PIPE	13	WASHER *T
2	BASE CABINET	8	PIPE CON	14	ABSORBER
3	COMPRESSOR	9	BASE COMP	15	MACHINE SCREW
4	POWER BOX	10	BOLT HEX	16	BRACKET EARTH
5	DRYER	11	P RELAY AS		
6	CAPI TUBE	12	POWER CORD		

MAIN COMPONENTS

1.COMPRESSOR

Refrigerant	R600a							
Voltage	220V/50Hz	220V/50Hz	220V/50Hz					
Comp model	D40CY	D43CY	DU40CY					
Part Code	3953140760	3953140710	3953140720					
Start type	RSIR	RSIR	RSCR					

2. RELAY ASSEMBLY

Refrigerant	R600a							
Voltage	220V/50Hz	220V/50Hz	220V/50Hz					
Spec	QP2-15,B28-120	QP2-15,B35-120	QP2-15C,B28-120 450V/2uF					
Part Code		3018123180	3018123190					

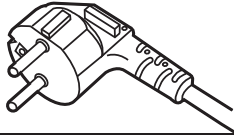
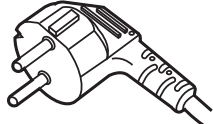
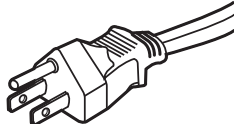
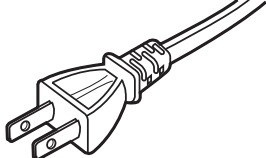
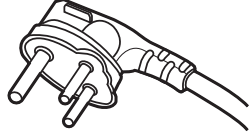
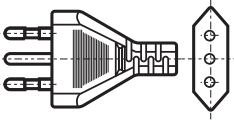
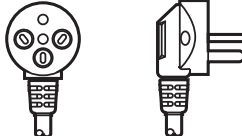
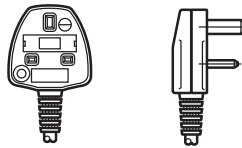
3.CONTROL SWITCH

Refrigerant	R600a							
Voltage	220V/50Hz							
Spec	WPFE18A-L-02SS							
Part Code	3018300880							

4. DRYER

Refrigerant	R600a		
Spec.	8g		
Part code	3016801320		

POWER CORD SPECIFICATION

NO	SHAPE OF POWER CODE	PART CODE	DESCRIPTION	REMARK
1		3011300321	CP-2PIN	
2		4017J17101	CP-2PIN	
3		4006D17101	KP-30	
		3011304520	DKP-301U	
4		401PD17101	KP-211	
5		3011316201	BP-3PIN	
6		3011300971	#267	FOR SWISS
		3011303020		FOR OTHER CONURTY
7		3011316101		FOR ISRAEL
8		3011303901	BS-1363A	FOR EUROPEAN&SAUDI
		3011303921		FOR SINGAPORE
		3011303040		FOR OTHER COUNTRY
9		3011301171		

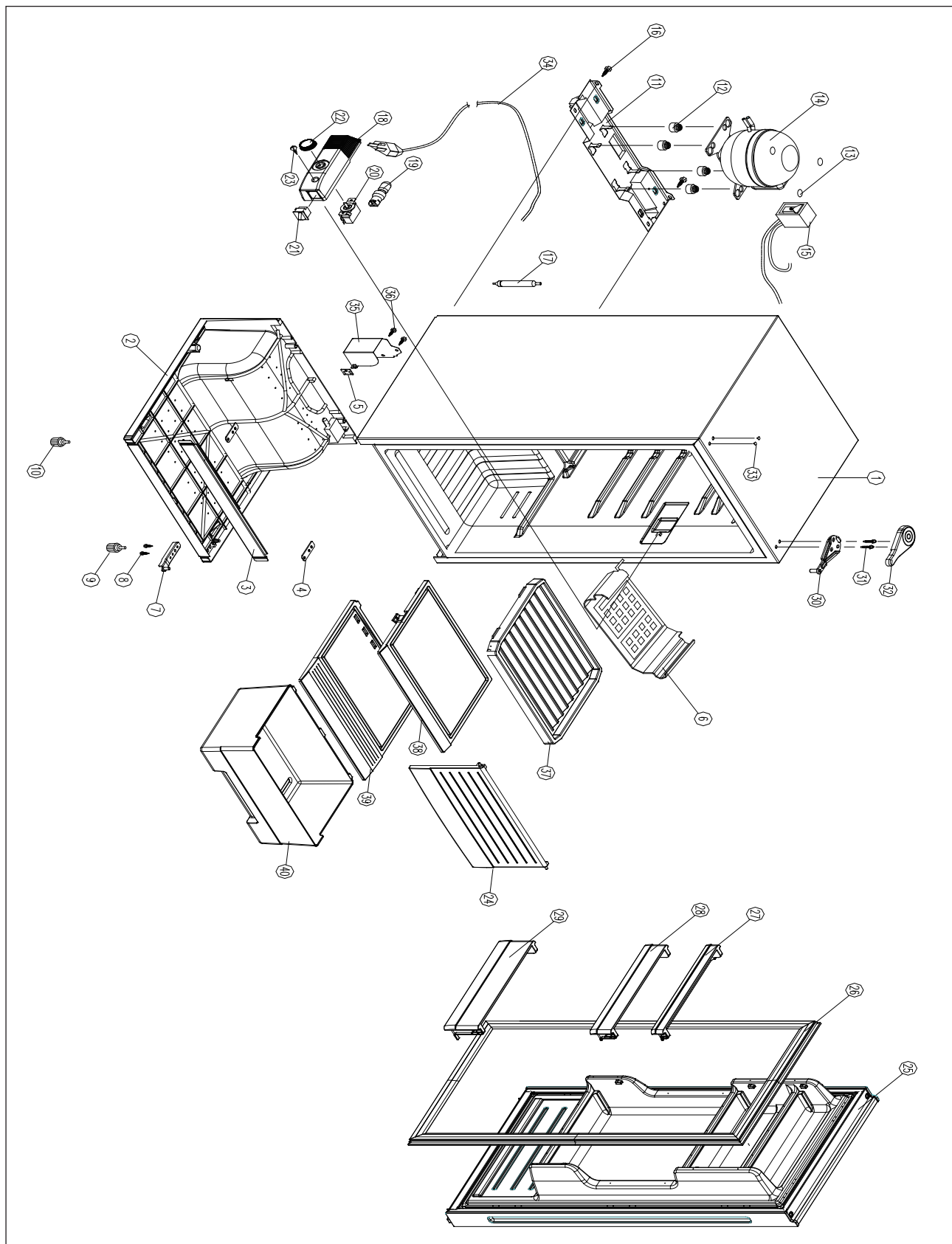
DOOR COLOR SPECIFICATION

1. ASSEMBLY URETHAN DOOR

Refrigerant	R600a		
Material	WHITE GLASS	BLACK GLASS	Normal PCM
Part Code	PFTT00D275	PFTT00D270	PFTT00D260

EXPLODED VIEW AND PARTS LIST

1. FN15GB
FN-15A3RNU



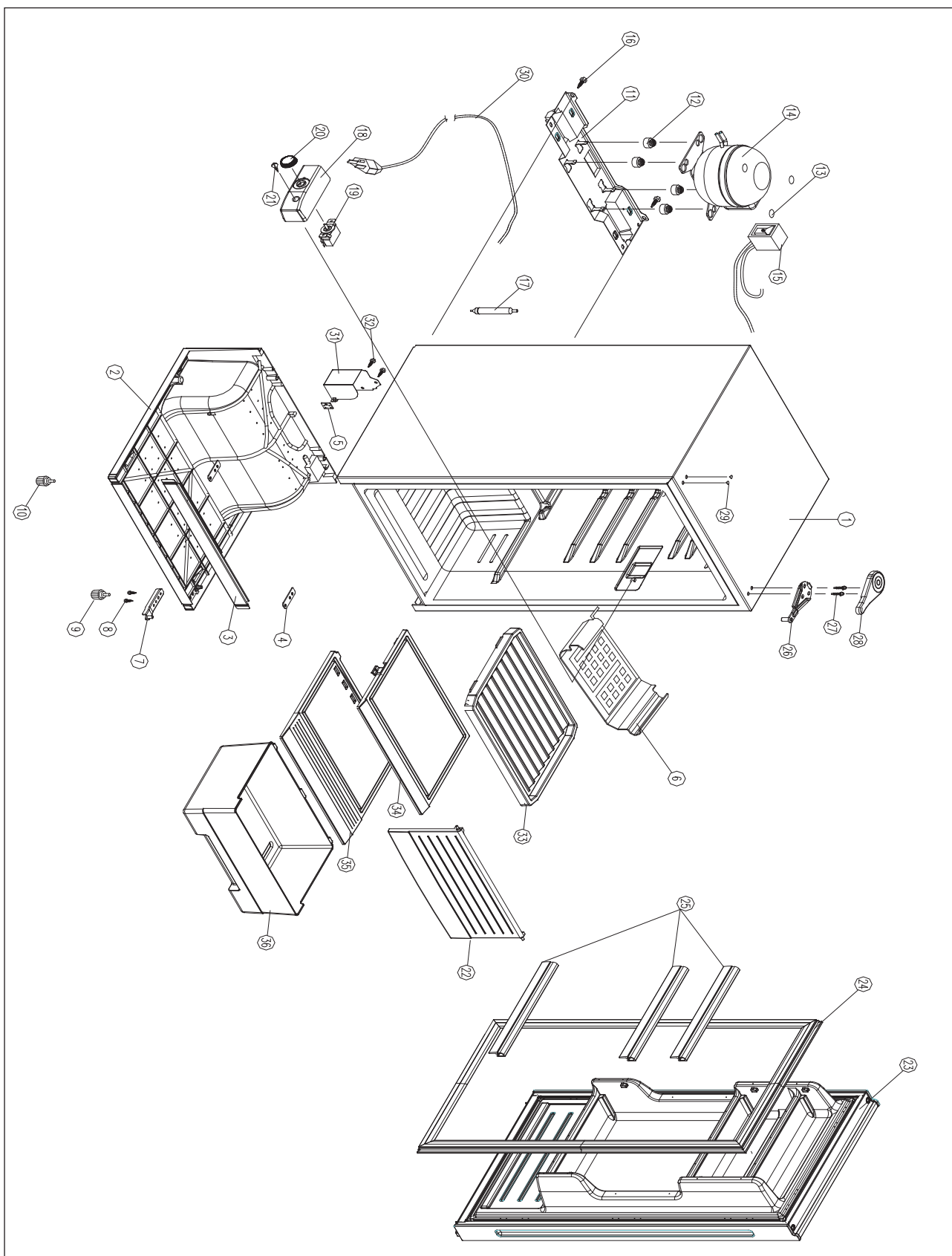
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No.	PART CODE	PART NAME	DESCRIPTION	QUANTITY	REMARK
1	PFEP00D130	ASSY REF PRE	FRM-122NCE81	1	
2	3010361500	BASE CAB	RECYCLE PP, FRM-12A	1	
3	3010675900	BRACKET CAB	GI T0.5,FRM-12A	1	
4	3010675800	BRACKET *U HI	GI,FRM-12A	2	
5	3010676000	BRACKET EARTH	GI T2.0,FRM-12A	1	
6	3017000155	EVA AS	ROLL BOND,FRM-122(NOTICE BENDING)	1	
7	3012902701	HINGE *U AS	SPHC-H T2.3 ZN5-C	1	
8	7117501211	BOLT HEX	T/S-2 HEX 5X12	2	
9	3012103301	FOOT ADJ AS	PP INSERT	1	
10	4006D32534	FOOT *F	PP (JI-360)	1	
11	3010311620	BASE COMP	GI 0.8T, FRM-13	1	
12	3010102911	ABSORBER COMP	NBR	4	
13	3016004120	SPECIAL WASR	SPG T0.8	3	
14		COMPRESSOR		1	Refer to #8
15		SWITCH P RELAY AS		1	Refer to #8
16	7122501211	SCREW TAPPING	T2S TRS 5X12 MFZN	2	
17	3016801320	DRYER AS	R600A,8G,L95,OD18.8	1	
18	3010576600	BOX CONTL	HIPS,LAMP,FRM-12B	1	
19	3013600000	LAMP AS	240V/15W (220V/50,60HZ)	1	
20		THERMOSTAT		1	Refer to #8
21	3018100140	SWITCH DR	CPV-1106NC #187	1	
22	3013414800	KNOB CONTL	HIPS,FRM-12A	1	
23	7112402011	SCREW TAPPING	T1 TRS 4X20 MFZN	1	
24	301179BG00	DOOR F	HIPS,FRM-12A	1	
25		ASSY ONE DOOR TOTAL	FRM-122NGE81.GLASS T3.2	1	Refer to #10
26	3012328100	GASKET DR AS	FRM-12A	1	
27	3019063600	POCKET *T	GPPS, FRM-12B	1	
28	3019063700	POCKET *M	GPPS, FRM-12B	1	
29	3019063800	POCKET *U	GPPS, FRM-12B	1	
30	3012934400	HINGE *T AS	FRM-12A	1	
31	3016000301	SPECIAL SCREW	M5X14 S1018C ZN5MICRO	2	
32	301149A200	COVER *T HI	PP, FRM-12A	1	
33	3010927900	CAP CAB HOLE	PP FRM-123	2	OPTION
34		CORD POWER AS		1	Refer to #9
35	3010552100	BOX POWER	GI/T0.6	1	
36	7122401211	SCREW TAPPING	T2S TRS 4*12 MFZN	2	
37	301119A600	CASE WATER	PP, FRM-12A	1	
38	3017853100	SHELF R	GPPS,H/ST,FRM-12B	1	
39	301149A310	COVER VEGETB CASE	GPPS,HOT-STAMPING,FRM-12B	1	
40	301149A700	CASE VEGETABLE	GPPS,FRM-122	1	

EXPLODED VIEW AND PARTS LIST

2. FN15AW



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5	3010676000	BRACKET EARTH	GI T2.0,FRM-12A	1	
6	3017000155	EVA AS	ROLL BOND,FRM-122(NOTICE BENDING)	1	
7	3012902701	HINGE *U AS	SPHC-H T2.3 ZN5-C	1	
8	7117501211	BOLT HEX	T/S-2 HEX 5X12	2	
9	3012103301	FOOT ADJ AS	PP INSERT	1	
10	4006D32534	FOOT *F	PP (JI-360)	1	
11	3010311620	BASE COMP	GI 0.8T, FRM-13	1	
12	3010102911	ABSORBER COMP	NBR	4	
13	3016004120	SPECIAL WASR	SPG T0.8	3	
14		COMPRESSOR		1	Refer to #8
15		SWITCH P RELAY AS		1	Refer to #8
16	7122501211	SCREW TAPPING	T2S TRS 5X12 MFZN	2	
17	3016801320	DRYER AS	R600A,8G,L95,OD18.8	1	
18	3010576500	BOX CONTL	HIPS,FRM-12A	1	
19		THERMOSTAT		1	Refer to #8
20	3013414800	KNOB CONTL	HIPS,FRM-12A	1	
21	7112402011	SCREW TAPPING	T1 TRS 4X20 MFZN	1	
22	301179BG00	DOOR F	HIPS,FRM-12A	1	
23		ASSY ONE DOOR TOTAL	FRM-122NCE81	1	Refer to #10
24	3012328100	GASKET DR AS	FRM-12A	1	
25	3019063910	POCKET BAR	PVC, FRM-12A	1	
26	3012934400	HINGE *T AS	FRM-12A	1	
27	3016000301	SPECIAL SCREW	M5X14 S1018C ZN5MICRO	2	
28	301149A200	COVER *T HI	PP, FRM-12A	1	
29	3010927900	CAP CAB HOLE	PP FRM-123	2	OPTION
30		CORD POWER AS		1	Refer to #9
31	3010552100	BOX POWER	GI/T0.6	1	
32	7122401211	SCREW TAPPING	T2S TRS 4*12 MFZN	2	
33	301119A600	CASE WATER	PP, FRM-12A	1	
34	3017853000	SHELF R	GPPS, FRM-12A	1	
35	301149A300	COVER VEGETB CASE	GPPS, FRM-12A	1	
36	301149A700	CASE VEGETABLE	GPPS,FRM-122	1	

DAEWOO

DAEWOO ELECTRONICS Corp.

1-2.JEO-DONG L-GA,JOONG-GN
SEOUL, KOREA