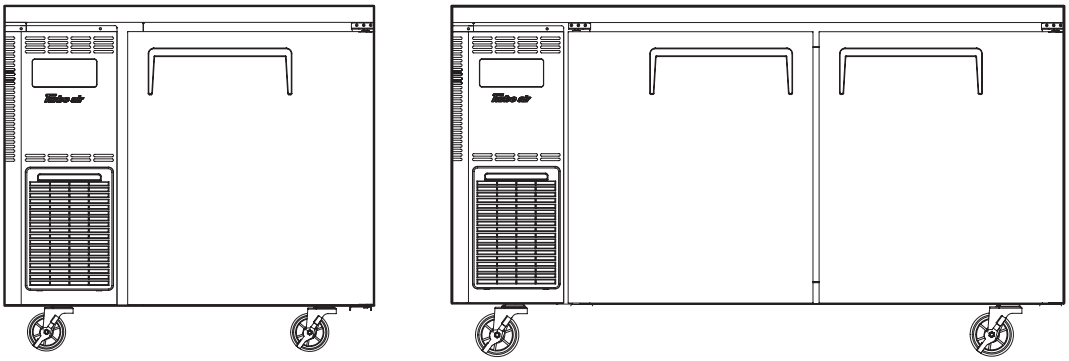
REFRIGERATOR MANUFACTURER

Turbo air

J Series
Undercounter Refrigerators-Narrow
Service Manual

JUR-36S-N6
JUR-48S-N6
JUR-60S-N6
JUR-72S-N6



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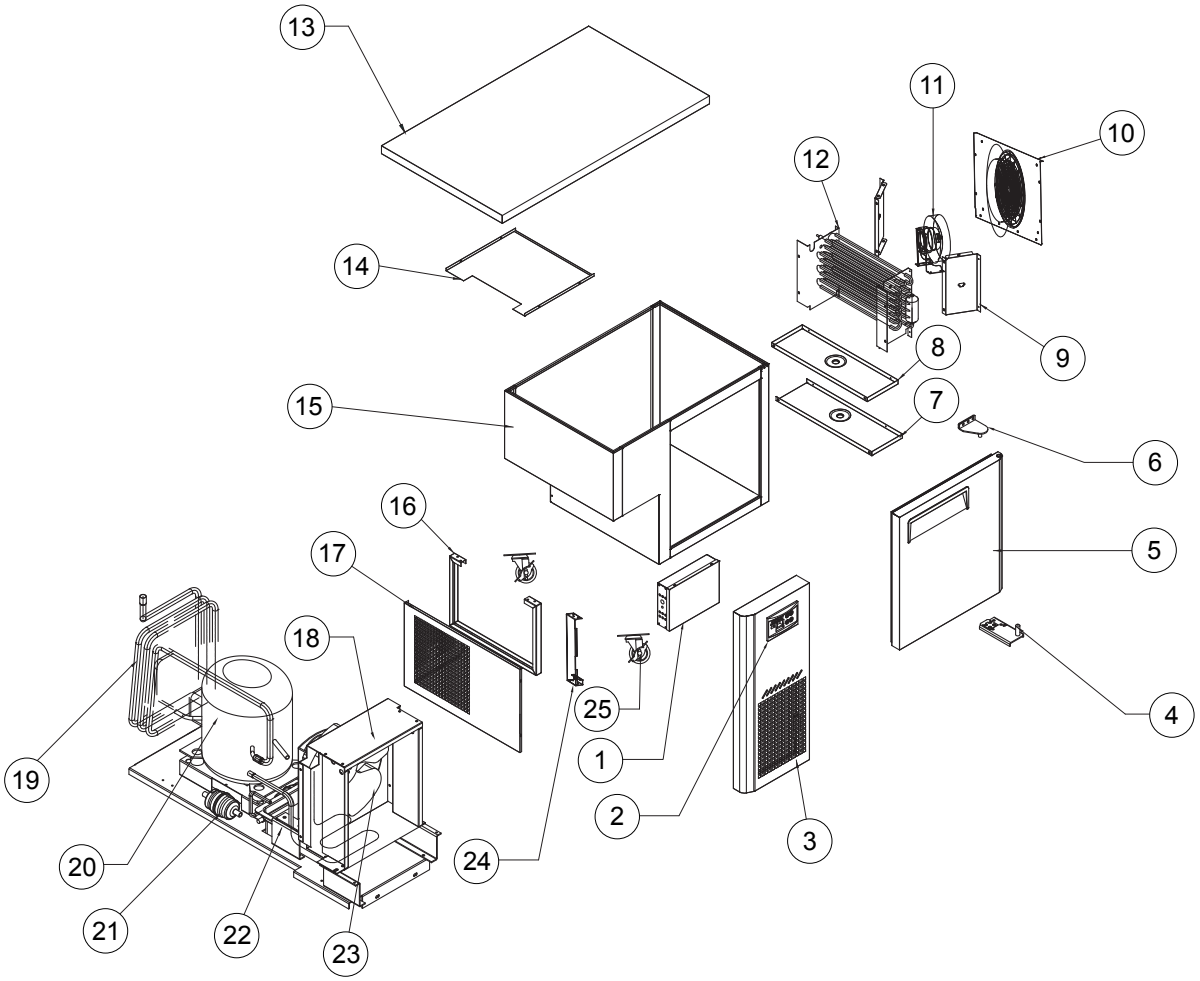
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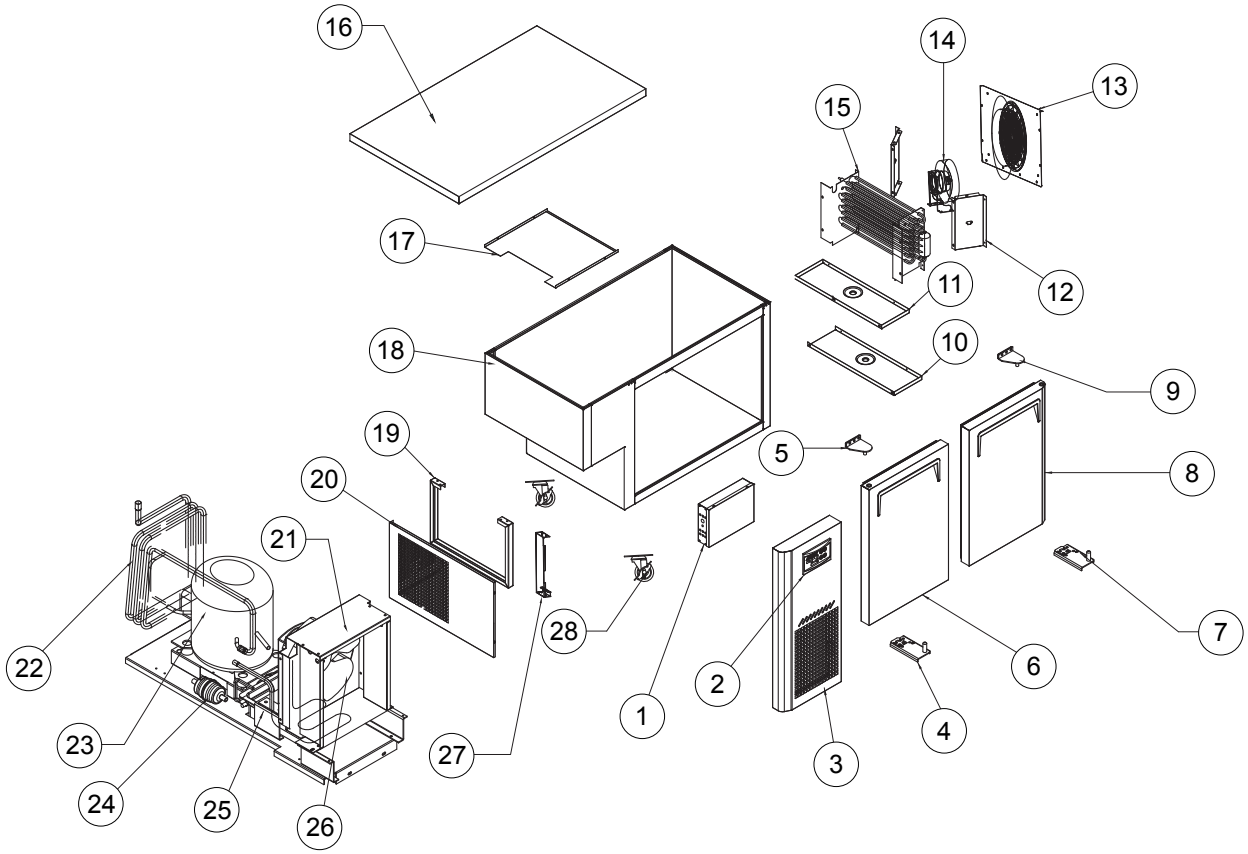
JUR-36S-N6 EXPLODED VIEW



PART NAME

1	MAIN PCB COVER	**12**	EVAP ASSY	**23**	CONDENSER FAN MOTOR
2	FRONT PCB	**13**	COUNTERTOP	**24**	UNIT BRACKET (A)
3	ASSY UNIT FRONT COVER	**14**	EVAP FAN AIR GUIDE	**25**	CASTER
4	BOTTOM HINGE (R)	**15**	CABINET ASSY		
5	DOOR (R)-900	**16**	UNIT BRACKET		
6	TOP HINGE (R)	**17**	UNIT SIDE COVER		
7	EVAP DRAIN GUIDE COVER	**18**	CONDENSER ASSY		
8	EVAP DRAIN GUIDE	**19**	SUCTION PIPE		
9	AIR GUIDE (L/R)	**20**	COMPRESSOR		
10	EVAP DUCT	**21**	DRYER		
11	EVAP FAN MOTOR	**22**	DRAIN PAN		

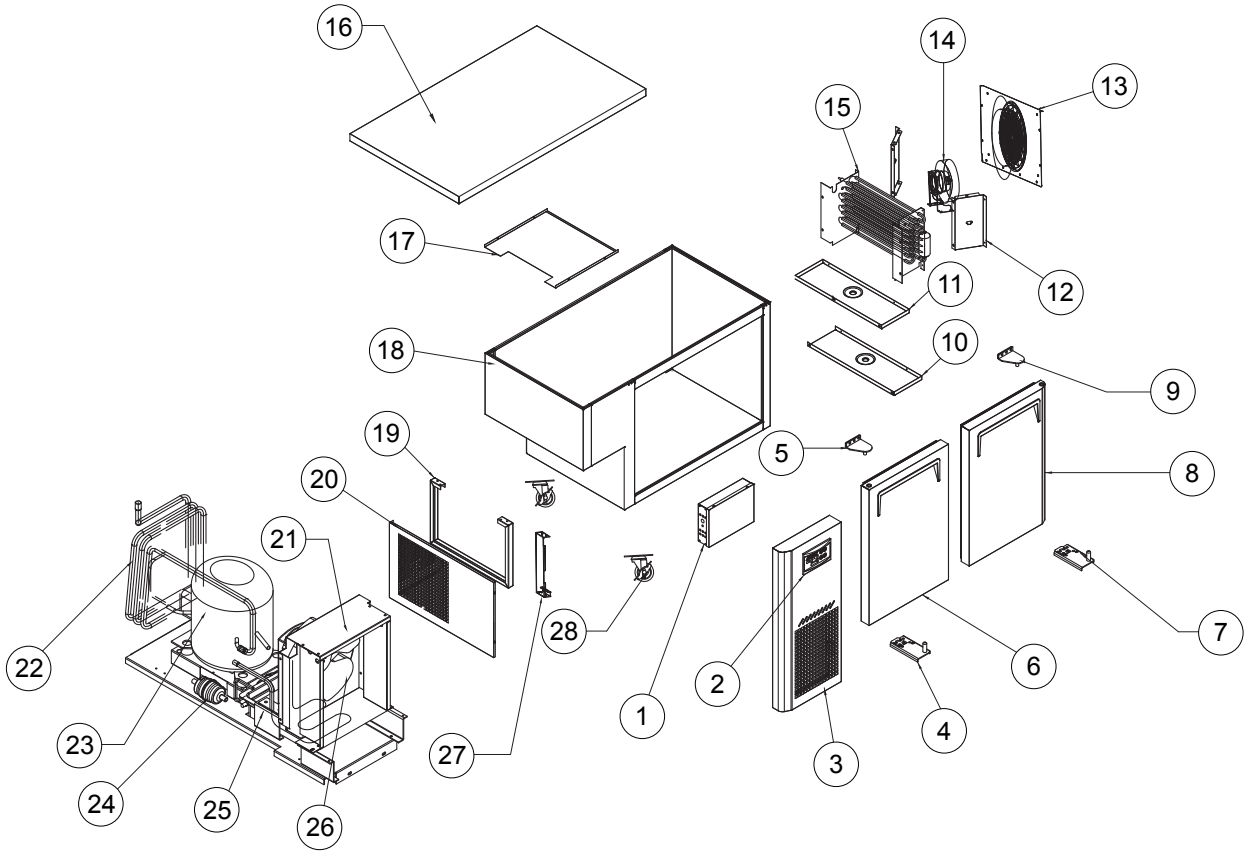
JUR-48S-N6 EXPLODED VIEW



PART NAME

1	MAIN PCB COVER	**12**	AIR GUIDE (L/R)	**23**	COMPRESSOR
2	FRONT PCB	**13**	EVAP DUCT	**24**	DRYER
3	ASSY UNIT FRONT COVER	**14**	EVAP FAN MOTOR	**25**	DRAIN PAN
4	BOTTOM HINGE (L)	**15**	EVAP ASSY	**26**	CONDENSER FAN MOTOR
5	TOP HINGE (L)	**16**	COUNTERTOP	**27**	UNIT BRACKET (A)
6	DOOR (L)-1200	**17**	EVAP FAN AIR GUIDE	**28**	CASTER
7	BOTTOM HINGE (R)	**18**	CABINET ASSY		
8	DOOR (R)-1200	**19**	UNIT BRACKET		
9	TOP HINGE (R)	**20**	UNIT SIDE COVER		
10	EVAP DRAIN GUIDE COVER	**21**	CONDENSER ASSY		
11	EVAP DRAIN GUIDE	**22**	SUCTION PIPE		

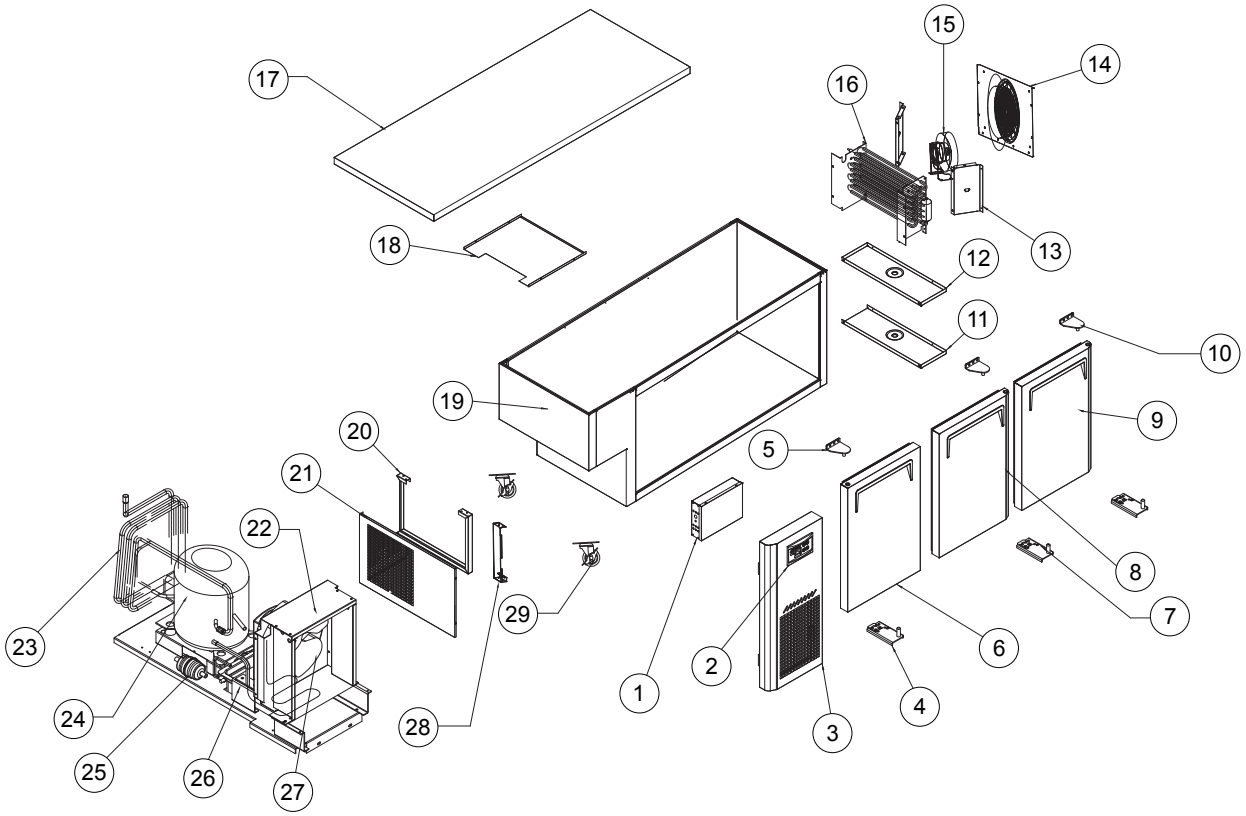
JUR-60S-N6 EXPLODED VIEW



PART NAME

1	MAIN PCB COVER	**12**	AIR GUIDE (L/R)	**23**	COMPRESSOR
2	FRONT PCB	**13**	EVAP DUCT	**24**	DRYER
3	ASSY UNIT FRONT COVER	**14**	EVAP FAN MOTOR	**25**	DRAIN PAN
4	BOTTOM HINGE (L)	**15**	EVAP ASSY	**26**	CONDENSER FAN MOTOR
5	TOP HINGE (L)	**16**	COUNTERTOP	**27**	UNIT BRACKET (A)
6	DOOR (L)-1200	**17**	EVAP FAN AIR GUIDE	**28**	CASTER
7	BOTTOM HINGE (R)	**18**	CABINET ASSY		
8	DOOR (R)-1200	**19**	UNIT BRACKET		
9	TOP HINGE (R)	**20**	UNIT SIDE COVER		
10	EVAP DRAIN GUIDE COVER	**21**	CONDENSER ASSY		
11	EVAP DRAIN GUIDE	**22**	SUCTION PIPE		

JUR-72S-N6 EXPLODED VIEW

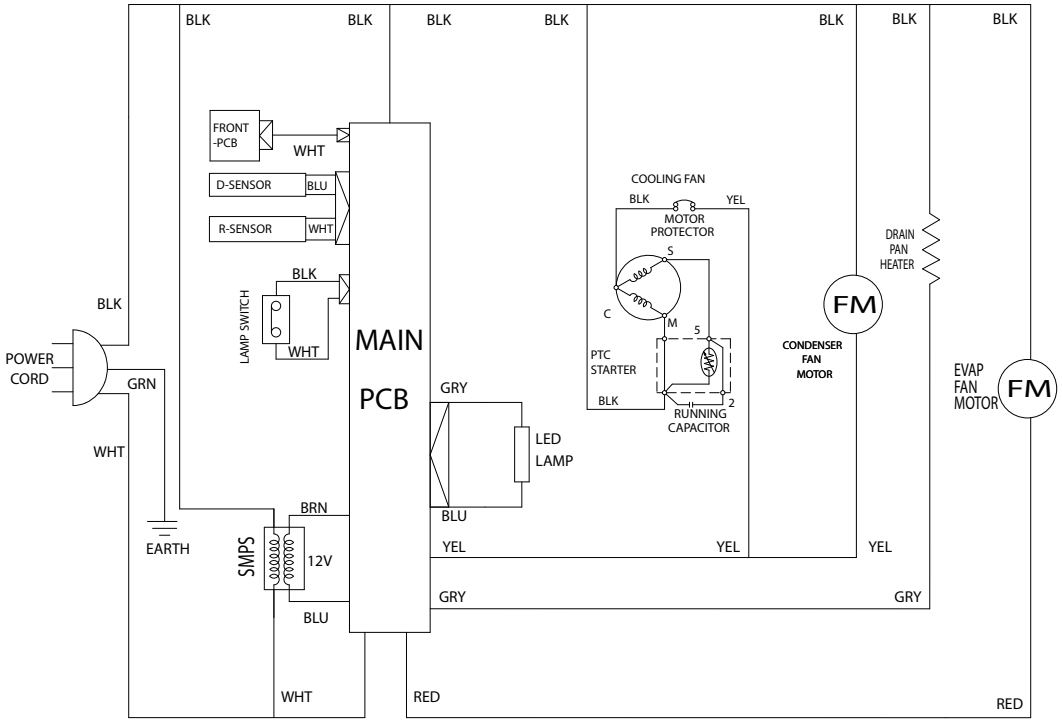


PART NAME

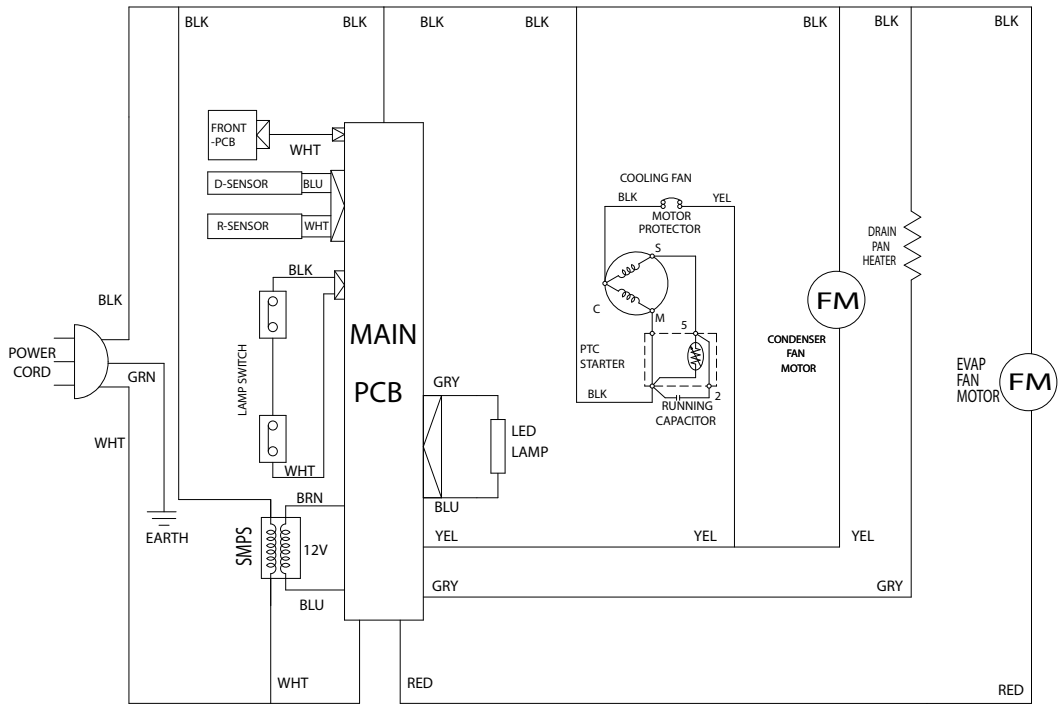
1	MAIN PCB COVER	**12**	EVAP DRAIN GUIDE	**23**	SUCTION PIPE
2	FRONT PCB	**13**	AIR GUIDE (L/R)	**24**	COMPRESSOR
3	ASSY UNIT FRONT COVER	**14**	EVAP DUCT	**25**	DRYER
4	BOTTOM HINGE (L)	**15**	EVAP FAN MOTOR	**26**	DRAIN PAN
5	TOP HINGE (L)	**16**	EVAP ASSY	**27**	CONDENSER FAN MOTOR
6	DOOR (L)-1800	**17**	COUNTERTOP	**28**	UNIT BRACKET (A)
7	BOTTOM HINGE (R)	**18**	EVAP FAN AIR GUIDE	**29**	CASTER
8	DOOR (M)-1800	**19**	CABINET ASSY		
9	DOOR (R)-1800	**20**	UNIT BRACKET		
10	TOP HINGE (R)	**21**	UNIT SIDE COVER		
11	EVAP DRAIN GUIDE COVER	**22**	CONDENSER ASSY		

WIRING DIAGRAMS

JUR-36S-N6

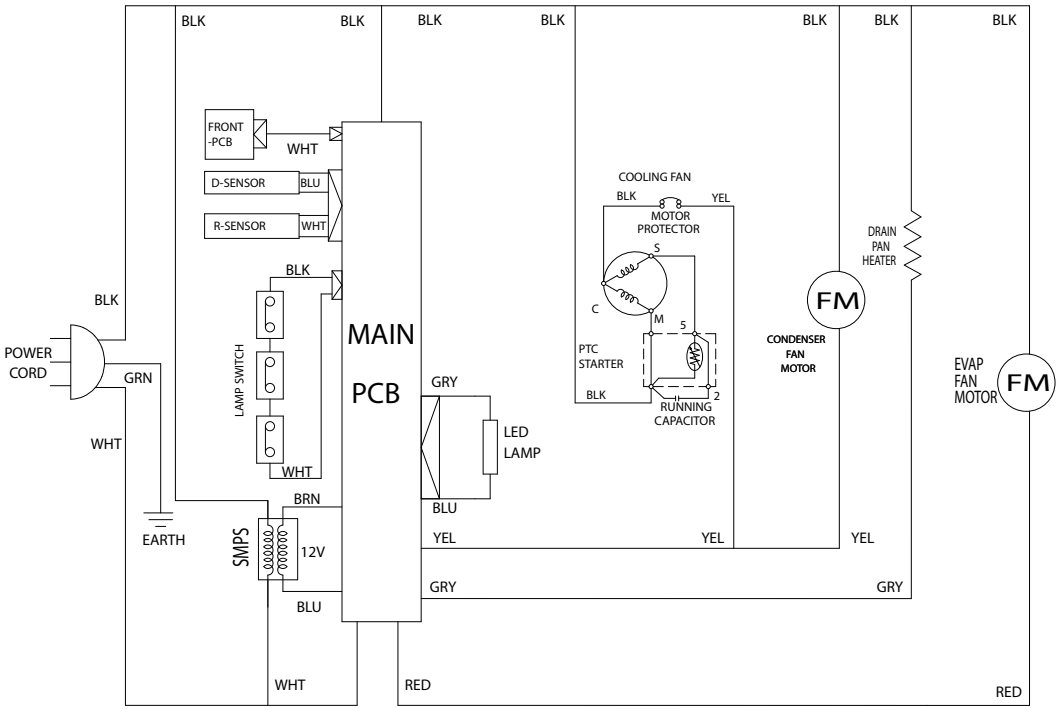


JUR-48S/60S-N6



WIRING DIAGRAMS

JUR-72S-N6



MAIN COMPONENTS

COMPRESSOR

MODEL	PART NAME	PART NO.	HP	CAPACITY	TYPE OF	INPUT	MAKER
JUR-36S-N6	HYE90MGU72a		1/6	~	RSCR	115V 60HZ	
JUR-48S-N6	HYE90MGU72a		1/6	~	RSCR	115V 60HZ	
JUR-60S-N6	HYE105MGU72a		1/5	~	RSCR	115V 60HZ	
JUR-72S-N6	HYE105MGU72a		1/5	~	RSCR	115V 60HZ	

COMPRESSOR CAPACITOR

MODEL	STARTING	PART NO.	RUNNING	PART NO.	MAKER	NOTE
JUR-36S-N6	-	-	250V/10μF	-	-	-
JUR-48S-N6	-	-	250V/10μF	-	-	-
JUR-60S-N6	-	-	250V/10μF	-	-	-
JUR-72S-N6	-	-	250V/10μF	-	-	-

CONDENSER FAN MOTOR

MODEL	PART NAME	PART NO.	POLE	INPUT	TYPE	BLADE	MAKER
JUR-36S-N6	4511003050	-	4P	115V, 60Hz	SHADED POLE INDUCTION	AL5	SUNGSHIN
JUR-48S-N6							
JUR-60S-N6							
JUR-72S-N6							

EVAPORATOR FAN MOTOR

MODEL	PART NAME	PART NO.	POLE	INPUT	TYPE	BLADE	MAKER
JUR-36S-N6	4511003050	-	4P	115V, 60Hz	SHADED POLE INDUCTION	AL5	SUNGSHIN
JUR-48S-N6							
JUR-60S-N6							
JUR-72S-N6							

PARTS LIST

PART NAME	PART CODE	DESCRIPTION	MODEL			
			JUR-36S-N6	JUR-48S-N6	JUR-60S-N6	JUR-72S-N6
COUNTERTOP ASSY	KR60680101			1		
COUNTERTOP ASSY	KR20680101				1	
COUNTERTOP ASSY	KR60680101					1
COUNTERTOP ASSY	KR90680101		1			
DOOR ASSY (L)-1200	JUR4805104			1		
DOOR ASSY (R)-1200	JUR4805202			1		
DOOR ASSY (L)-1500	JUR6005104				1	
DOOR ASSY (R)-1500	JUR6005202		1		1	
DOOR ASSY (L)-1800	JUR7205402					1
DOOR ASSY (M)-1800	JUR7205503					1
DOOR ASSY (R)-1800	JUR7205602					1
DOOR GASKET	KR23300107	PVC		2		
DOOR GASKET	KR53300107	PVC	1		2	
DOOR GASKET	KR83300107	PVC				3
DOOR BUSHING	T8F0500701		1	2	2	3
DOOR BUSHING	M720700108	ABS	1	2	2	3
SPRING BAR	BR98400105		1	2	2	3
BOTTOM HINGE (U)(L)	K5R1107102	SUS		1	1	1
BOTTOM HINGE (U)(R)	K5R1107202	SUS	1	1	1	2
TOP HINGE (L)	KR89910304	SUS		1	1	1
TOP HINGE (R)	KR89910404	SUS	1	1	1	2
EVA ASSY	JUR202108	CU	1	1	1	1

PARTS LIST

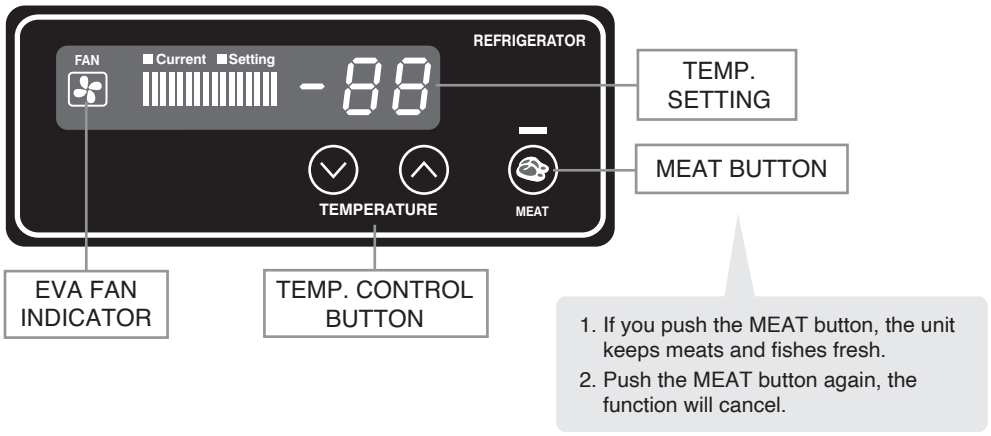
PART NAME	PART CODE	DESCRIPTION	MODEL			
			JUR-36S-N6	JUR-48S-N6	JUR-60S-N6	JUR-72S-N6
DRYER	BR84100101	CU	1	1	1	1
CONDENSER ASSY	JUR600105		1	1	1	1
CONDENSER FAN MOTOR	4511003050		1	1	1	1
EVAP FAN MOTOR	4511003050		1	1	1	1
DISPLAY PCB	JR85400101		1	1	1	1
MAIN PCB	BR85400100		1	1	1	1
POWER CORD	M721300202		1	1	1	1
R SENSOR	K3F5102100		1	1	1	1
D SENSOR	K3F5102001		1	1	1	1
MAIN PCB COVER (B)	KR81400100	SUS	1	1	1	1
ASSY MULLION (90mm)	KR22100100			1	1	1
ASSY MULLION (100mm)	KR88100100					1
ASSY UNIT FRONT COVER	KR81410709		1	1	1	1
EVA DRAIN GUIDE	KW81800100	SUS	1	1	1	1
UNIT SIDE COVER	KR51400100	SUS	1	1	1	1
EVAP DUCT	KR91700102	SUS	1	1	1	1
SHELF STANDARD	KF99003000	SUS	4	8	8	12
FIXTURE SHELF CLIP	30220L0905	PA-66	4	8	8	12
SHELF-1200	KR29000101	Pe-Co (White)		2		
SHELF-1500	KR59000101	Pe-Co (White)			2	
SHELF-1800	KR89000103	Pe-Co (White)				2
SHELF-900	KR99000101	Pe-Co (White)	1			1
CASTER	G8F65D0100	4 inch (non-brake)	2	2	2	3
CASTER	G8F65D0200	4 inch (w/brake)	2	2	2	3
DRAIN PAN	M729300105	P.P	1	1	1	1
FRONT PCB CASE	KR99880102	ABS	1	1	1	1
DRAIN HOSE	KR91105101	PVC	1	1	1	1

TEMPERATURE CONTROL INSTRUCTION

BASIC OPERATION

1. Plug in and the Display panel will be lighted and make a beep sound.
   The compressor will begin to run.
2. The compressor is automatically cycled by the electronic controller (PCB).
3. The Defrost cycle is automatically controlled by the PCB.
4. Good Air Flow in refrigerator unit is critical. Be careful to load product so that it neither presses against the back wall, nor reaches within four inches from the evaporator compartment.

- By pushing the up/down button, you can set the inside temperature.
- If you want lower temperature, push the Down button to be lighted lower level numbers.



When the inside temperature is lower than -45ºC, the panel will display ‘ LO ’



and higher than + 18ºC, the panel will display ‘ HI ’.



REPLACEMENT OF MAIN COMPONENTS

REPLACING DOOR

A. Unscrew the top hinge



B. Lift the door

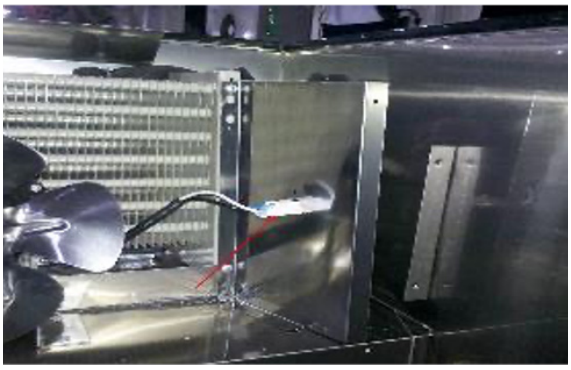


REFRIGERATION COMPARTMENT PARTS

A. Disassemble the evaporator duct assembly



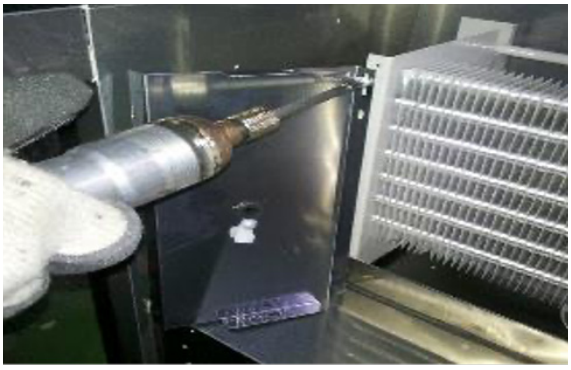
B. Disassemble the harness motor



C. Remove the evaporator fan motor

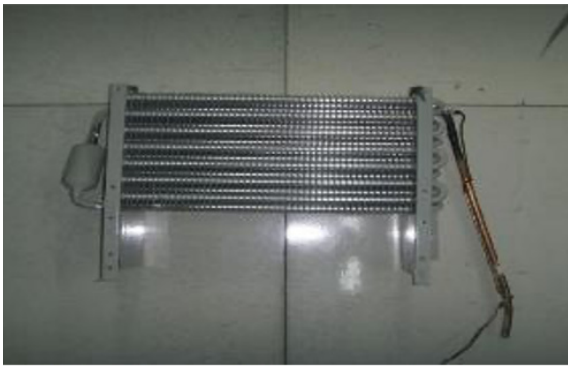


D. Remove the air guide (L/R)



E. Remove the evaporator coil





REPLACEMENT OF MAIN COMPONENTS

COMPRESSOR COMPARTMENT PARTS

A. Disassemble the unit front cover assembly



B. Disassemble the unit side cover



C. Remove the mech cover



D. Remove the comp base



E. Disassemble the condensing unit





REFRIGERATOR MANUFACTURER

Turbo air

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