

F I S H E R & P A Y K E L

REFRIGERATOR FREEZER

RF522BRPB6 FP AA

PRODUCT CODE: 26439-A

PARTS MANUAL

AA

INTRODUCTION

BRAND	VOLTAGE	MODEL	PRODUCT CODE
Fisher & Paykel	220-240V 50Hz	RF522BRPB6 FP AA	26439-A

MODELS

The models covered by this manual are listed on the front cover.
The information detailed in this manual is subject to change without notice. The latest version is indicated by the reprint date and replaces any earlier editions.

KIT PARTS

Where a part number is shown against the descriptions for kit components, they are also available as separate items. In addition, some parts may be supplied with these kits that are not available as separate items, and are therefore either not listed, or a part number is not shown against the part description in this manual.

PARTS LIST KEY

NI	As a part reference, indicates the part is not illustrated on the diagram.
NOT USED	As a part number, indicates the diagram part reference is not used in this manual.
NS	As a part number, indicates the part is not servicable.

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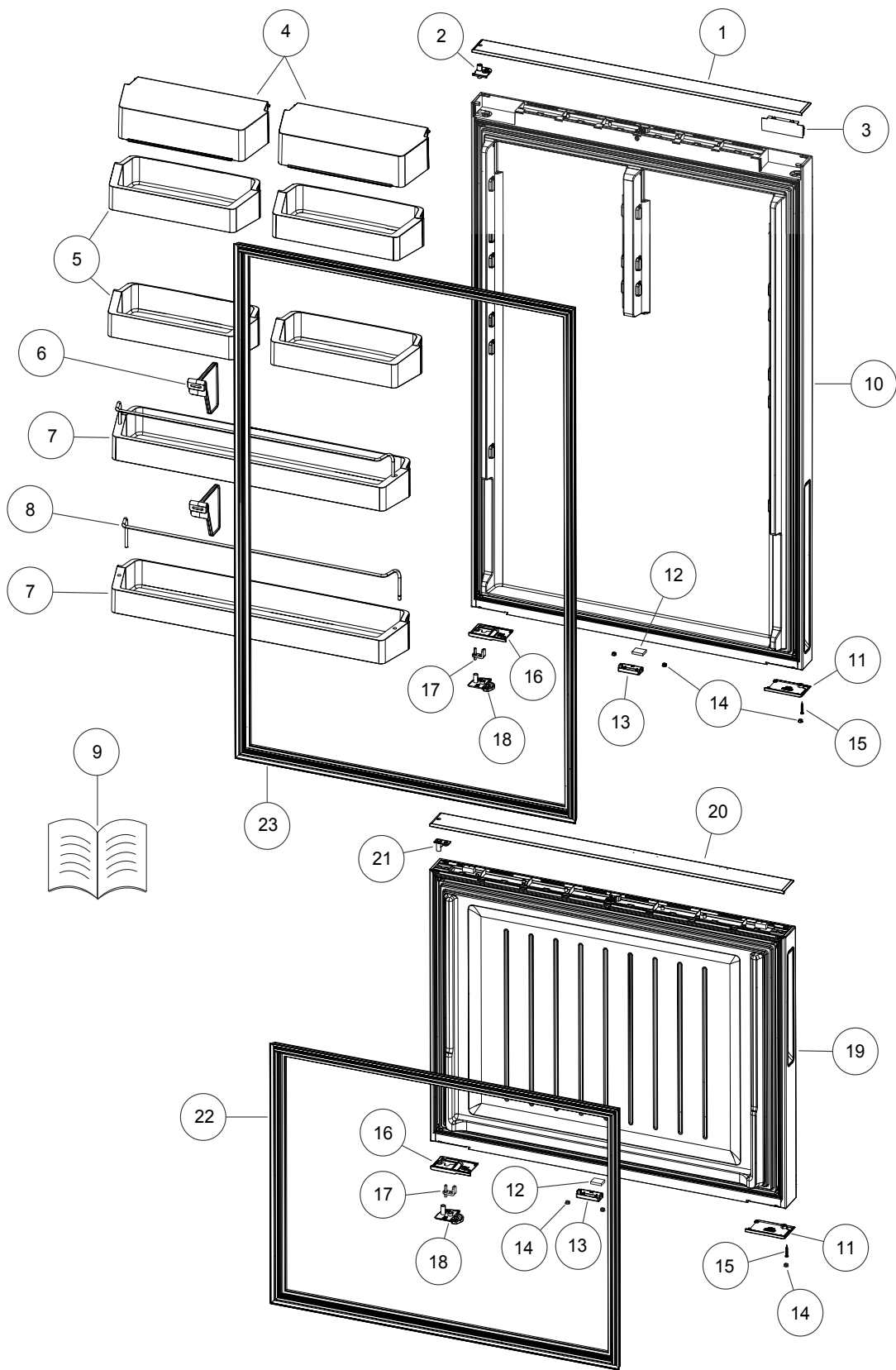
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DOOR COMPONENTS

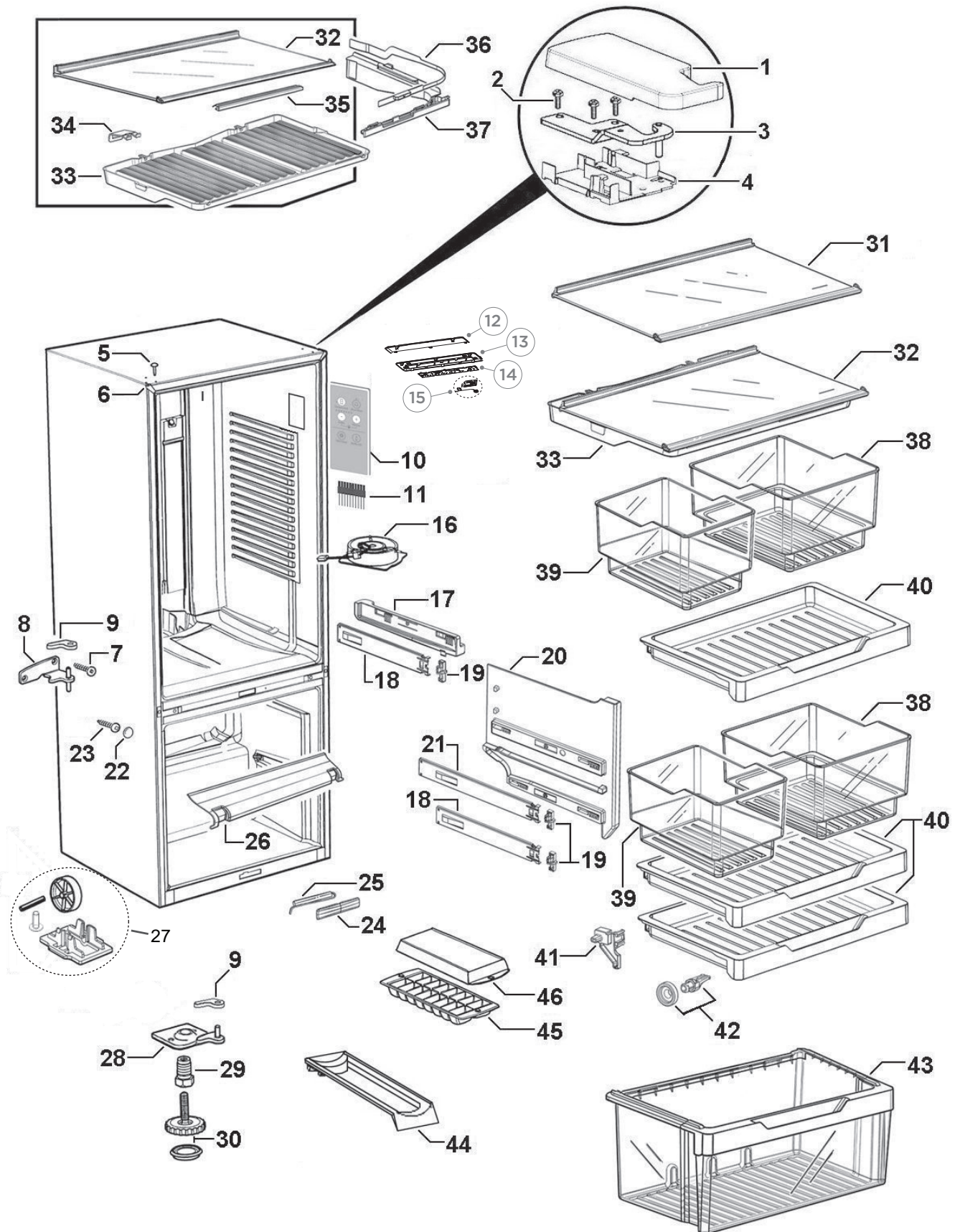


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DOOR COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
1	864697	COVER DOOR SF TOP 790B BK
2	839659	BEARING HINGE WATER RH UD
3	864723	COVER DOOR TOP NONHINGE BK
4	821467	COVER SHELF RF522W
5	839723	SHELF DOOR SOLID 790
6	821805	DIVIDER BOTTLE 522B
7	821630	SHELF DR BTM RF522W
8	821465	RAIL SHELF DOOR RF522W
9	844937	BOOK U&C AS B MODELS E-UP U-DO
10	864689P	DOOR PC 790X1052.5 P BK RH
11	864703P	COVER DOOR BOT NONHINGE RH BK
12	883315	MAGNET DOOR SWITCH ST4
13	842122	COVER MAGNET DOOR UD GR
14	864705P	PLUG DOOR BOTTOM BK
15	817825P	SCREW #8X22 WAFER PH ST TV
16	864704	COVER DR BOT UD HINGE RH BK
17	814537	DOOR STOP ASSY
18	843387	CLOSING HOOK DR STOP RH GR NO
19	864692P	DOOR FC 790X605 P BK RH
20	864696	COVER DOOR SF TOP 790B BK RH
21	813931	BEARING HINGE TOP GR
22	841373P	GASKET FRAME PUSHIN 790B FC
23	841362P	GASKET FRAME PUSHIN 522B PC

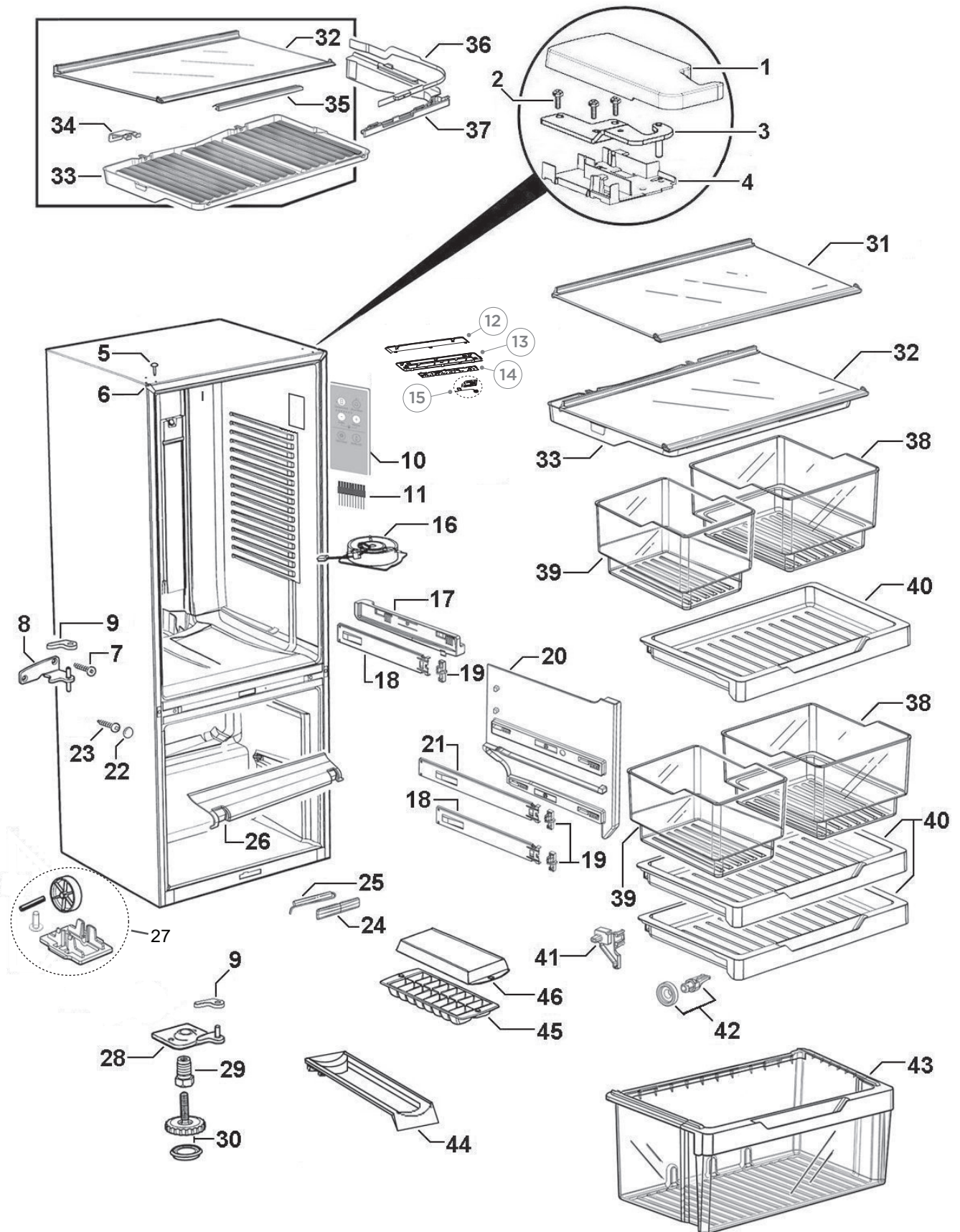
CABINET COMPONENTS



CABINET COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
1	846778P	COVER HINGE LOW NIW GRY R
2	817818P	SCREW M5X20 HEX PH ST TV (PKT 10)
3	820717	BRACKET HINGE IW RH
4	846774P	SUPPORT HINGE LOW NIW
NI	847437	KIT COVER HINGE LOW GRY RH
	Includes 846778P	COVER HINGE LOW NIW GRY R
	Includes 846774P	SUPPORT HINGE LOW NIW
5	881131P	PLUG TAPPED HOLE WHITE (PKT 3)
6	883951	TRIM CORNER SILVER 680/790
7	880656P	SCREW 10GX25CSK SQ SS (PKT 10)
8	881283P	BRACKET CENTRE HINGE RH PKD
	Includes 883988P	CAP DOOR CLOSING RH HGE BRKT
9	883988P	CAP DOOR CLOSING RH HGE BRKT
10	866488P	MOD DISP AS U2 INT WF 6B SVC
11	839618P	HARNESS MOLEX 5 WAY SPARES
12	820737	WINDOW LED PC
13	820736	HOUSING FRONT LED PC
NI	817816P	SCREW 6 X12 AB TRUSS PH ST TV (PKT 10)
14	866791P	MOD LAMP AS INTERCEPTOR NWF SVC
15	563774P	MOD WIFI GEA3 LITE SVC
16	848320P	PC 3W FAN ASSY JST/DCT
	Includes	FAN HOUSING PC ASSY
	Includes	DUCT JUNCTION
	Includes	CONNECTOR IDC UP2 (2)
	Includes	LABEL WARNING 12 VOLT DC
	Includes	SHEET INSTRUCTION PC FAN ASSY
17	836810	RETAINER & SLIDE 790 RH ASSY
	Includes	RETAINER SLIDE PC RH
	Includes 836700	SLIDE 305 RH ASSEMBLY
	Includes 836520P	CLIP SLIDE
	836809	RETAINER & SLIDE 790 LH ASSY
	Includes	RETAINER SLIDE PC LH
	Includes 836701	SLIDE 305 LH ASSEMBLY
	Includes 836520P	CLIP SLIDE
18	836700	SLIDE 305 RH ASSEMBLY
	Includes 836520P	CLIP SLIDE
	836701	SLIDE 305 LH ASSEMBLY
	Includes 836520P	CLIP SLIDE

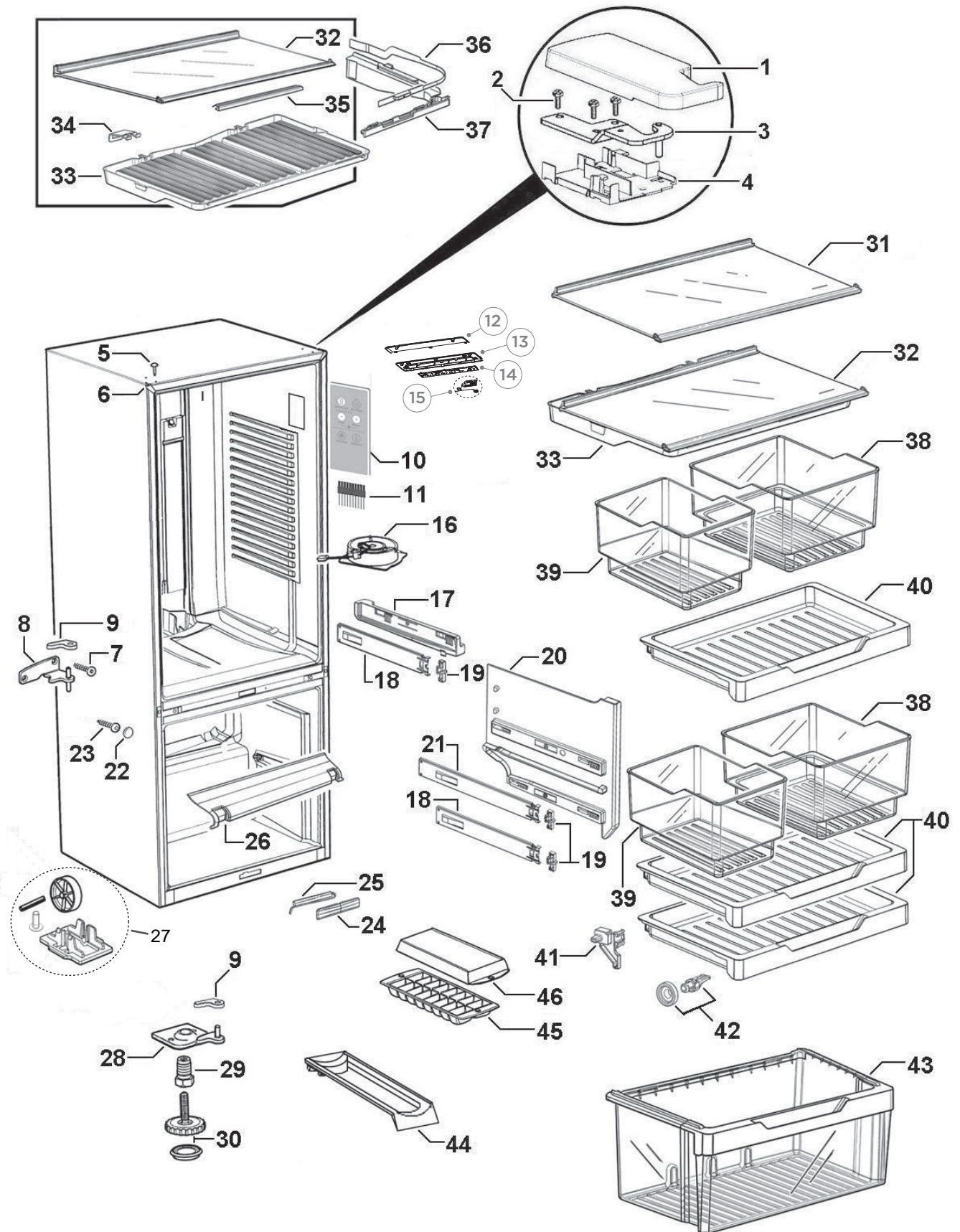
CABINET COMPONENTS



CABINET COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
19	836520P	CLIP SLIDE (PKT 2)
20	836545	RETAINER SLIDE FC RH
	836546	RETAINER SLIDE FC LH
21	836702	SLIDE 350 RH ASSEMBLY
	Includes 836520P	CLIP SLIDE
	836703	SLIDE 350 LH ASSEMBLY
	Includes 836520P	CLIP SLIDE
22	880595P	CAP SCREW CROSS RAIL WHT PKD
23	817822P	SCREW #10X19 AB #2 SQ TV (PKT 10)
24	881420	COVER REED SWITCH ST4 WHITE
25	814443P	SWITCH REED FIELD FIX KIT ST4
	Includes	HEATSHRINK 1/8" MW ADHESIVE LINED
26	836595	DUCT RETURN AIR FC 790
27	847316P	RETAINER WHEEL STEEL KIT
	Includes	RETAINER WHEEL STEEL
	Includes	SCREW 8-32X8 TY T PAN PH TV
	Includes	ROLLER FOOT FRONT
	Includes	PIN ROLLER PLATED
28	818614P	BRACKET HINGE BASE RH PKD
	Includes 883988P	CAP DOOR CLOSING RH HGE BRKT
29	813481	BOLT BLIND END HINGE BRACKET
30	818535	WHEEL LEVELING FOOT ASSY RC
	Includes	SCREW M10 LEVELLING FOOT TV
	Includes	BASE LEVELLING FOOT
31	836751P	SHELF GLASS PC 790 ASSY SC
	Includes	SHELF GLASS PC 790
	Includes	TRIM SHELF PC 790 SC
	Includes	STIFFENER SHELF PC 790 SC
	Includes 836569	PLUG STIFFENER SHELF RH
	Includes 836570	PLUG STIFFENER SHELF LH
	Includes 836567	PLUG TRIM SHELF RH
	Includes 836568	PLUG TRIM SHELF LH

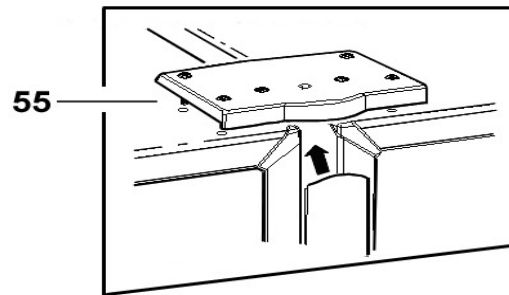
CABINET COMPONENTS



CABINET COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
32	836728P	SHELF GLASS HCL 790B ASSY SC
	Includes	SHELF GLASS PC 790
	Includes	TRIM SHELF HCL 790 SC
	Includes	STIFFENER SHELF PC 790 SC
	Includes 836567	PLUG TRIM SHELF RH
	Includes 836568	PLUG TRIM SHELF LH
	Includes 836569	PLUG STIFFENER SHELF RH
	Includes 836570	PLUG STIFFENER SHELF LH
	Includes 836582	RETAINER HCL FRONT 790
	Includes 881268	BRACKET HCL SUPPORT B GL SH (2)
	Includes 836574	LID HUMIDITY CONTROL 790B
	Includes 836631	SLIDE CONTROL HUMIDITY RH
	Includes 836633	SLIDE CONTROL HUMIDITY LH
	Includes 836632	GUIDE CONTROL HUMIDITY RH
	Includes 836634	GUIDE CONTROL HUMIDITY LH
33	836574	LID HUMIDITY CONTROL 790B
34	881268	BRACKET HCL SUPPORT B GL SH
35	836582	RETAINER HCL FRONT 790
36	836631	SLIDE CONTROL HUMIDITY RH
	836633	SLIDE CONTROL HUMIDITY LH
37	836632	GUIDE CONTROL HUMIDITY RH
	836634	GUIDE CONTROL HUMIDITY LH
38	836524	BIN SMALL 790
39	836522	BIN SMALL
40	821142	TRAY 790
41	836585	SKID TRAY RH
	836586	SKID TRAY LH
42	836517	WHEEL & CHASSIS ASSEMBLY (PKT 2)
43	836661	BIN ASSEMBLY LARGE 790
	Includes	HANDLE BIN LARGE
44	860593	HOLDER BOTTLE SINGLE
45	874107	TRAY ICE BASE
46	874108	TRAY ICE LID
JOINER KIT FOR SIDE BY SIDE CABINET CONNECTION		
Used for combining any of the the following 1695mm high cabinet models: N388 ,C450, E402B, E411T, E415H, E440T, E442B, E521T and E522B		
NI	819264	KIT JOINER SILVER

CABINET ACCESSORIES

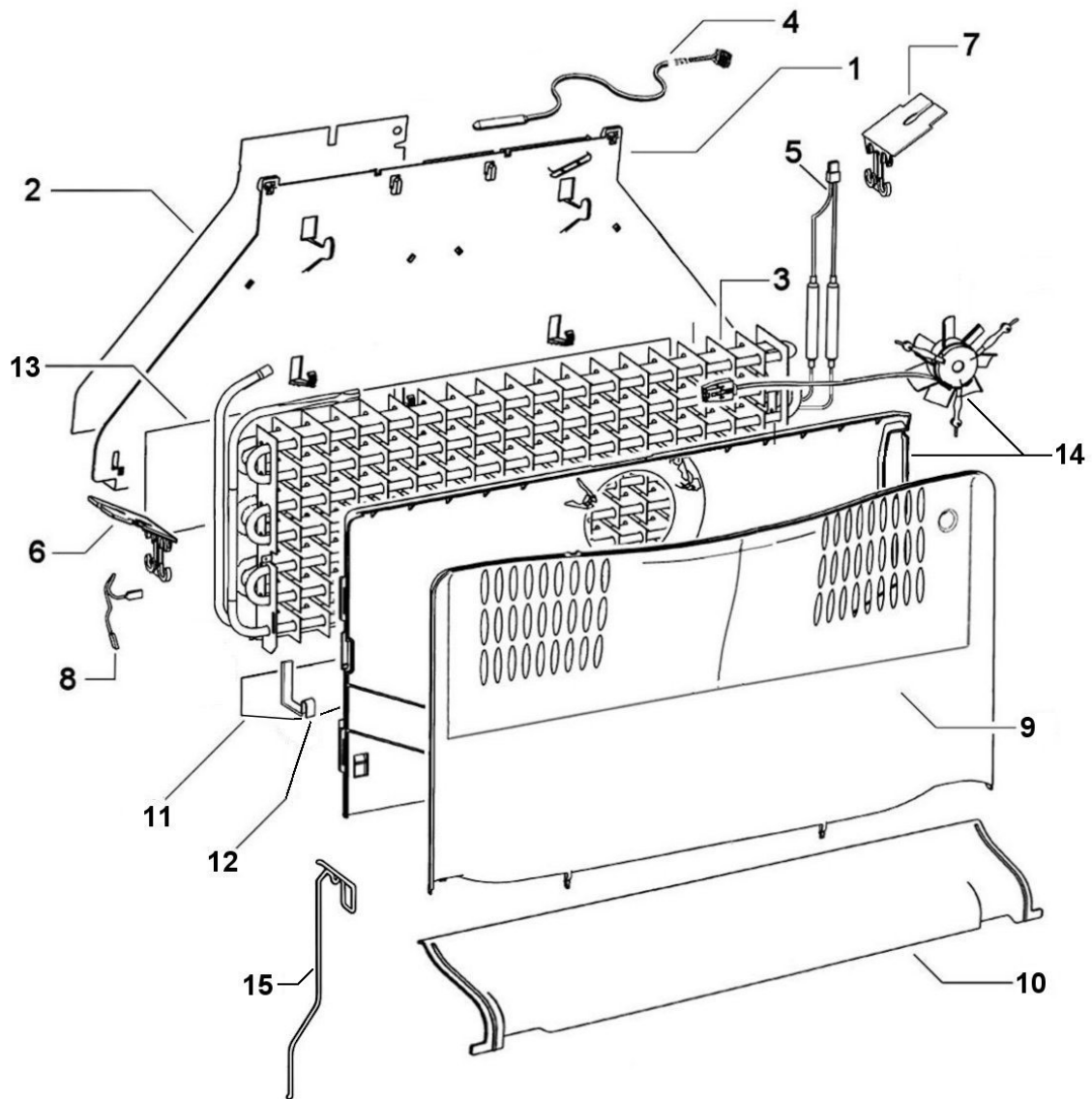


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CABINET ACCESSORIES

REFERENCE	PART NUMBER	PART DESCRIPTION
55	819264	KIT JOINER SILVER
56	818758	KIT SURROUND STAINLESS 790 LH

FAN, COVER AND EVAPORATOR COMPONENTS



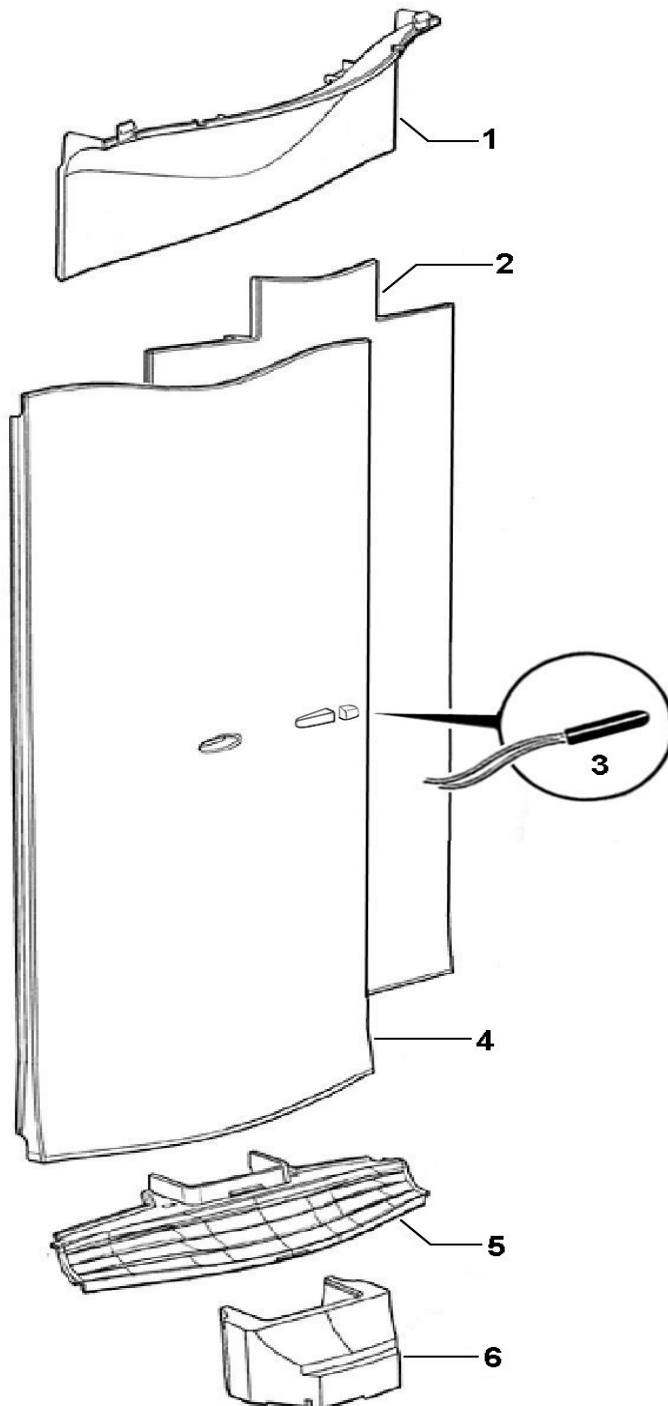
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FAN, COVER AND EVAPORATOR COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
1	814475	CHASSIS EVAP 790B
2	884315	DEFLECTOR HEAT 790B
3	837336P	EVAP ASSY 790B 230V DP
	Includes	EVAPORATOR FINNED 790 R600A
	Includes 814475	CHASSIS EVAP 790B
	Includes 814713	SHIELD EVAP CHASSIS 790B
	Includes 884315	DEFLECTOR HEAT 790B
	Includes 821877	HEATER DEFROST DBLE 230V 790
	Includes 820604	CLIP EVAP BAFFLE
	Includes 813992	CLIP ACTIVE SMART BAFFLE
	Includes 820835	CLIP DEFROST HEATER B SHORT (2)
	Includes 814460	HARNESS EARTH 100MM
	Includes	CABLE TIE 200MMX3.6
4	855203P	SENSOR KIT ASSY ACTV SM
	Includes	HEATSHRINK 25MM
	Includes	HARNESS SENSOR PC
	Includes	CONNECTOR BUTT (2)
	Includes	SHEET INSTRUCTN BUTT CONNECTORS
5	821877	HEATER DEFROST DBLE 230V 790
NI	821745	COVER PLUG TYCO
6	813992	CLIP ACTIVE SMART BAFFLE
7	820604	CLIP EVAP BAFFLE
8	814460	HARNESS EARTH 100MM
9	873395	COVER FAN FC FRONT E790B
10	836594	DUCT RETURN AIR FC 790
11	883783	SHIELD FC REAR COVER 790
12	820835	CLIP DEFOST HEATER B SHORT
13	814713	SHIELD EVAP CHASSIS
14	848316P	FAN FC 3W KIT 790 SERIES A TO
	Includes 880279	SHIELD HEATER FC COVER 790
	Includes	COVER FAN FC REAR 790
	Includes	CONNECTOR IDC UP2 (2)
	Includes	LABEL WARNING 12 VOLT DC
	Includes	FAN DC SUSPENDEED FC ASSY
15	821251	WIRE DRAIN HEATER DOUBLE B

DUCT COVER COMPONENTS

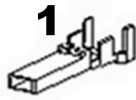


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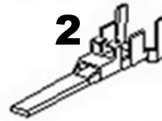
DUCT COVER COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
1	837405	COVER DUCT PC TOP B
2	873950	INSULATION COVER DUCT LONG B
3	855203P	SENSOR KIT ASSY
	Includes	CONNECTOR BUTT
	Includes	HARNESS SENSOR PC
4	836861	COVER DUCT PC B LONG WATER
5	813287	GRILLE PC RETURN AIR B MODEL
6	872823	INSULATION INSERT PID

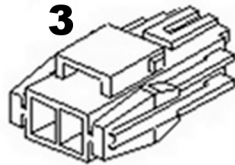
TERMINAL, PLUGS & SOCKETS



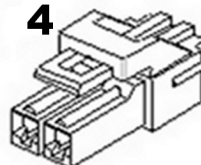
JST SOCKET TERMINAL



JST PIN TERMINAL



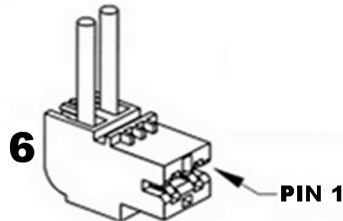
JST SOCKET



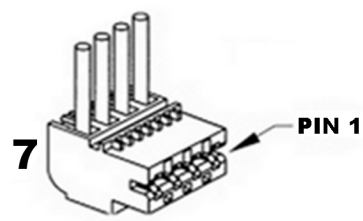
JST PLUG



JST RETAINER

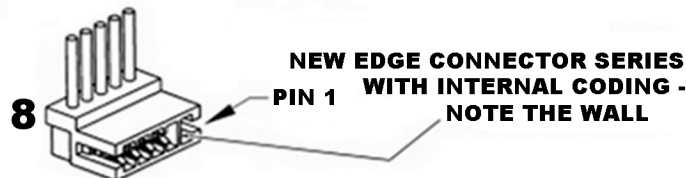


RAST CONNECTOR



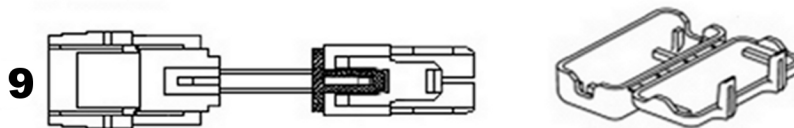
RAST CONNECTOR

NOTE THAT IN THE PART NAMES OF THESE CONNECTORS, THE -02- REFERS TO IT BEING A 2 WAY CONNECTOR, AND THE -AB01-(FOR EXAMPLE) REFERS TO THE CODING OF THE CONNECTOR.

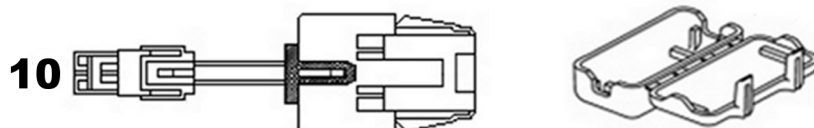


RAST CONNECTOR

NOTE: TO MINIMISE THE NUMBER OF SPARE PARTS THAT NEED TO BE CARRIED, THESE CODED CONNECTORS ARE TO BE REPLACED WITH THEIR UNCODED EQUIVALENTS FOR THE 3, 5 AND 6 WAY CONNECTORS USED ON STAGE 4 CABINETS.



HARNESS ADAPTOR - JST REC TO MOLEX PLUG



HARNESS ADAPTOR - JST PLUG TO MOLEX REC

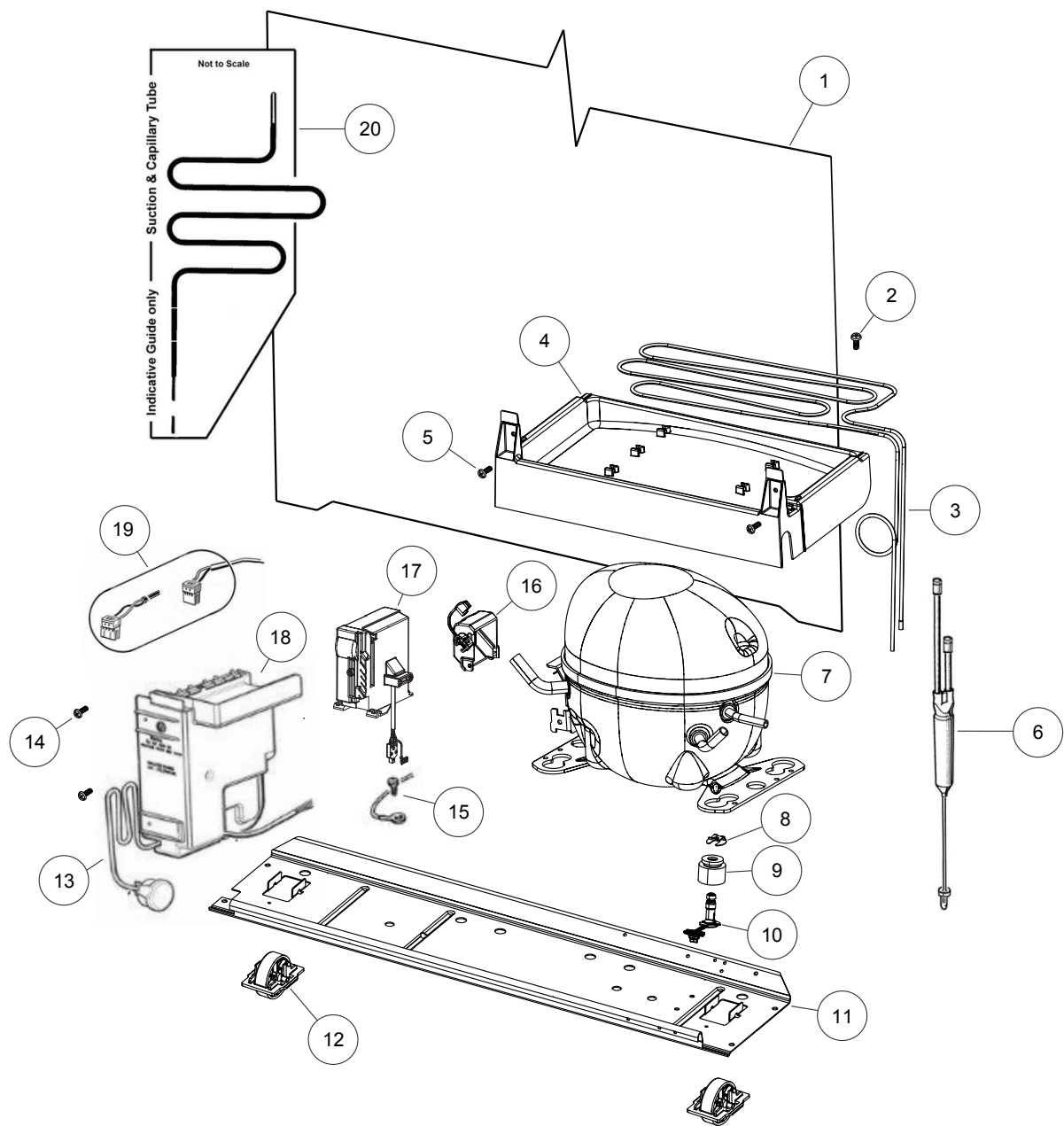
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TERMINAL, PLUGS & SOCKETS

REFERENCE	PART NUMBER	PART DESCRIPTION	COMMENTS
1	819607P	TERMINAL SYF-01T PKT 10	26/20 AWG
	819608P	TERMINAL SYF-41T PKT 10	20/16 AWG
2	819609P	PIN/TERM SYM-01T PKT 10	26/20 AWG
	819610P	PIN/TERM SYM-41T PKT 10	20/16 AWG
3	819615	JST SOCKET 2PIN YLR-02V	
	819616	JST SOCKET 3PIN YLR-03V	
	819617	JST SOCKET 4PIN YLR-04V	
	819618	JST SOCKET 6PIN YLR-06VF	
	819619	JST SOCKET 8 PIN YLR-08V	
4	819611	JST PLUG 2PIN YLP-02V	
	819612	JST PLUG 4PIN YLP-04V	
	819613	JST PLUG 6PIN YLP-06V	
	819614	JST PLUG 8PIN YLP-08V	
5	819620	RETAINER 2 WAY YLS-02V	
	819621	RETAINER 3 WAY YLS-03V	
6	881588	CONNECTOR RAST 9290-02-AB01	MAINS CORD
	881589	CONNECTOR RAST 9290-02-BA01	DEFROST HEATER
	881590	CONNECTOR RAST 9290-02-EE01	RUN CAPACITOR
7	881591	CONNECTOR RAST 9290-04-EF02	COMPRESSOR CABLE
8	873251	CONNECTOR RAST 7234-003-500	
	873250	CONNECTOR RAST 7234-004-500	
	881135	CONNECTOR RAST 7234-005-500	
	873247	CONNECTOR RAST 7234-006-500	
	873279	CONNECTOR RAST 7234-008-500	
	873248	CONNECTOR RAST 7234-010-500	
	873243	CONNECTOR RAST 7234-012-500	
	881136	CONNECTOR RAST 7234-014-500	
	881137	CONNECTOR RAST 7234-017-502	
9	820687P	ADAPTOR JST REC TO MOLEX KIT	
	Includes 884412	COVER PLUG MOLEX	
10	820688P	ADAPTOR JST PLUG TO MOLEX KIT	
	Includes 884412	COVER PLUG MOLEX	

NOTE: THE NUMBERS IN THE DESCRIPTION OF THE RAST CONNECTOR DENOTES THE NUMBER OF CONNECTIONS - EXAMPLE: 7234-017-502 =17 WAY CONNECTOR

COMPRESSOR AREA COMPONENTS



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COMPRESSOR AREA COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
1	882137P	PANEL BACK & CONDENSER ASSY
2	815236P	SCREW 12X1/2 TAB CSK PH (PKT 10)
3	814684	TUBE EVAP TRAY FORMED H/SHRINK
4	820734	TRAY EVAP AS
5	817817P	SCREW #8X12 SP PAN NIB ST TV (PKT 10)
6	814843P	FILTER DRIER LONG TAIL XH9 12 GRM
7	207432P	COMPR PKD EMB VESD9CEVO
	includes	COMPR EMB VESD9CEVO
	includes 207310	COVER PROTECTOR VEM
	includes 814843	FILTER PREBRAZED LONG TAIL
	includes	PIN LOCKING COMP
	includes	POST COMP MOUNTING 26MM (4)
	includes	GROMMET COMPR MTG 26MM (4)
	includes	CLIP FOOT COMPRESSOR (4)
8	855270P	CLIP FOOT COMPRESSOR (PKT 4)
9	849622P	GROMMET 16.5MM KIT 4 PACK
	includes	POST COMP MOUNTING 16.5MM
	includes	GROMMET COMPR MTG 16.5MM
	includes	CLIP FOOT COMPRESSOR
10	NA	REFER TO ITEM #9 - KIT ONLY
11	814905	TRAY COMP MOUNTING 680
12	315090P	KIT WHEEL BRACKET CLIP
	Includes	PIN ROLLER PLATED
	Includes	ROLLER FOOT FRONT
	Includes	CLIP WHEEL BRACKET
13	884336	CORD SET SUPPLY 220-240V ST4.1
14	817834P	PKT SCREW #8X16 HEX
15	817828P	SCREW 8-32X8 TY T PAN PH TV (PKT 10)
16	207310	COVER PROTECTOR VEM
17	207436	INVERTER VEMC9C 230V40TO150HZ
18	866817P	MOD CTRL AS51 W CYC 120-230V SVC
19	841937	HARNESS VCC INV IEC EMB
20	821258	TUBE SUCT CAP ASSY 5/16 ROHS

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The models shown in this guide may not be available in all markets
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The product specifications in this guide apply to the specific products and
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For current details about model and specification availability in your country,
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