

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

REFRIGERATOR FREEZER

RF135BLPJX6 N FP US

PRODUCT CODE: 25933-B

PARTS MANUAL

US CA



INTRODUCTION

BRAND	VOLTAGE	MODEL	PRODUCT CODE
Fisher & Paykel	110-120 60Hz	RF135BLPJX6 N FP US	25933-B

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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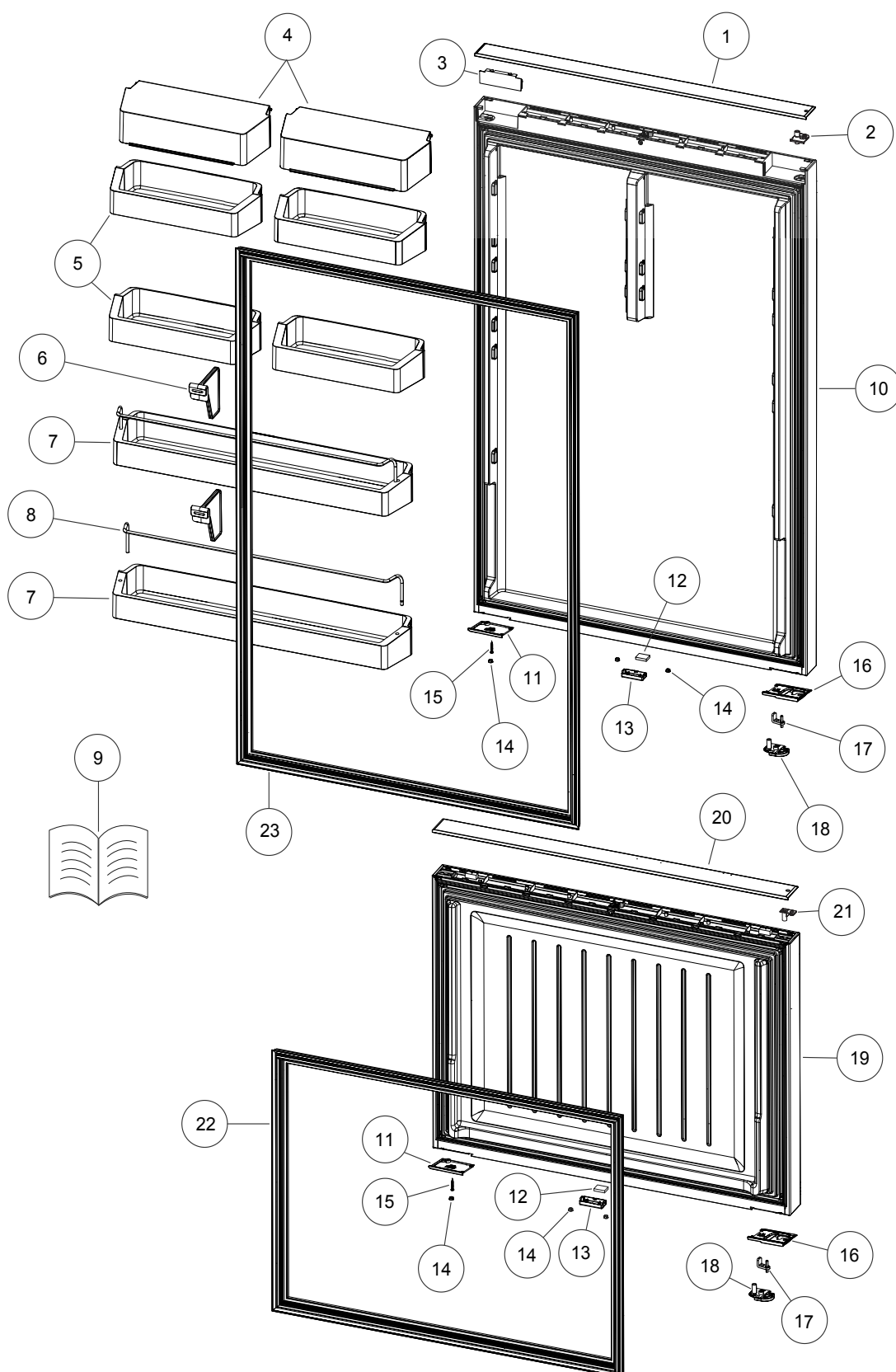
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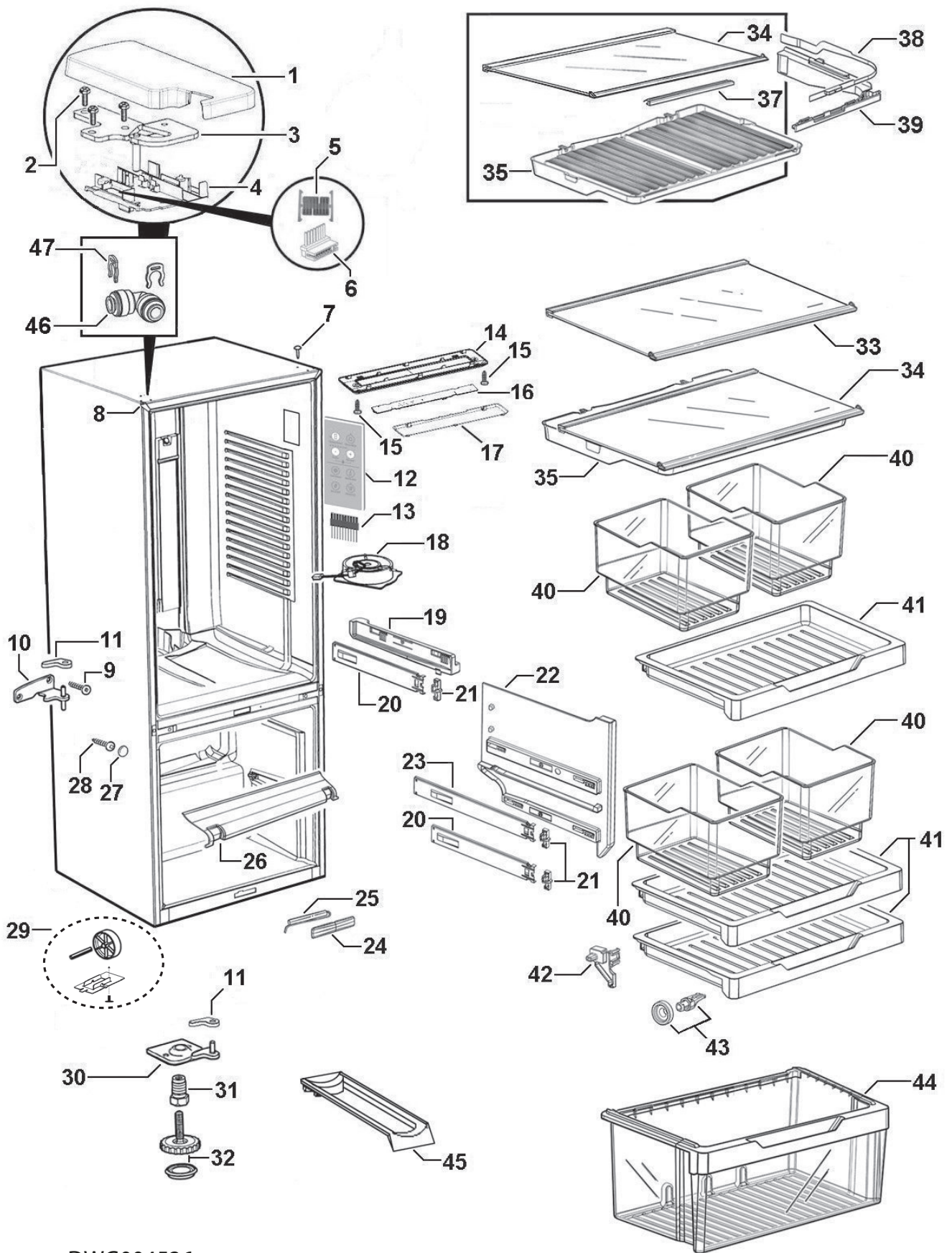
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DOOR COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
1	843902	COVER DOOR TOP 635 GR
2	841051	BEARING HINGE WATER LH UD
3	842103	COVER DOOR TOP NONHINGE GR
4	839718	COVER SHELF DAIRY 635
5	839722	SHELF DOOR SOLID 635
6	821805	DIVIDER BOTTLE 522B
7	839716	SHELF DOOR BOTTOM 635
8	839717	RAIL SHELF DOOR 635
9	845266	BOOK UUC AS U-DOOR USA CA
9	846248	BOOK U&C AS U_DOOR US CA FRCA
10	848375P	DOOR PC 635X1052.5 P SX2 LH
11	842370P	COVER DR BOT UD HINGE LH GR
12	851058	MAGNET 12MM HALL SENSOR
13	842122	COVER MAGNET DOOR UD GR
14	842483P	PLUG DOOR BOTTOM GR
15	817825P	SCREW #8X22 WAFER PH ST TV
16	842371	COVER DR BOT UD HINGE LH GR
17	814537	DOOR STOP ASSY
18	843389	CLOSING HOOK DR STOP LH GR NO FLG
19	849061P	DOOR FC 635X605 P SX2 LH
20	844779	COVER DOOR TOP 635 WH LH
21	839992	BEARING HINGE TOP WH
22	841363P	GASKET FRAME PUSHIN 635B FC
23	841360P	GASKET FRAME PUSHIN 402B PC



CABINET COMPONENTS



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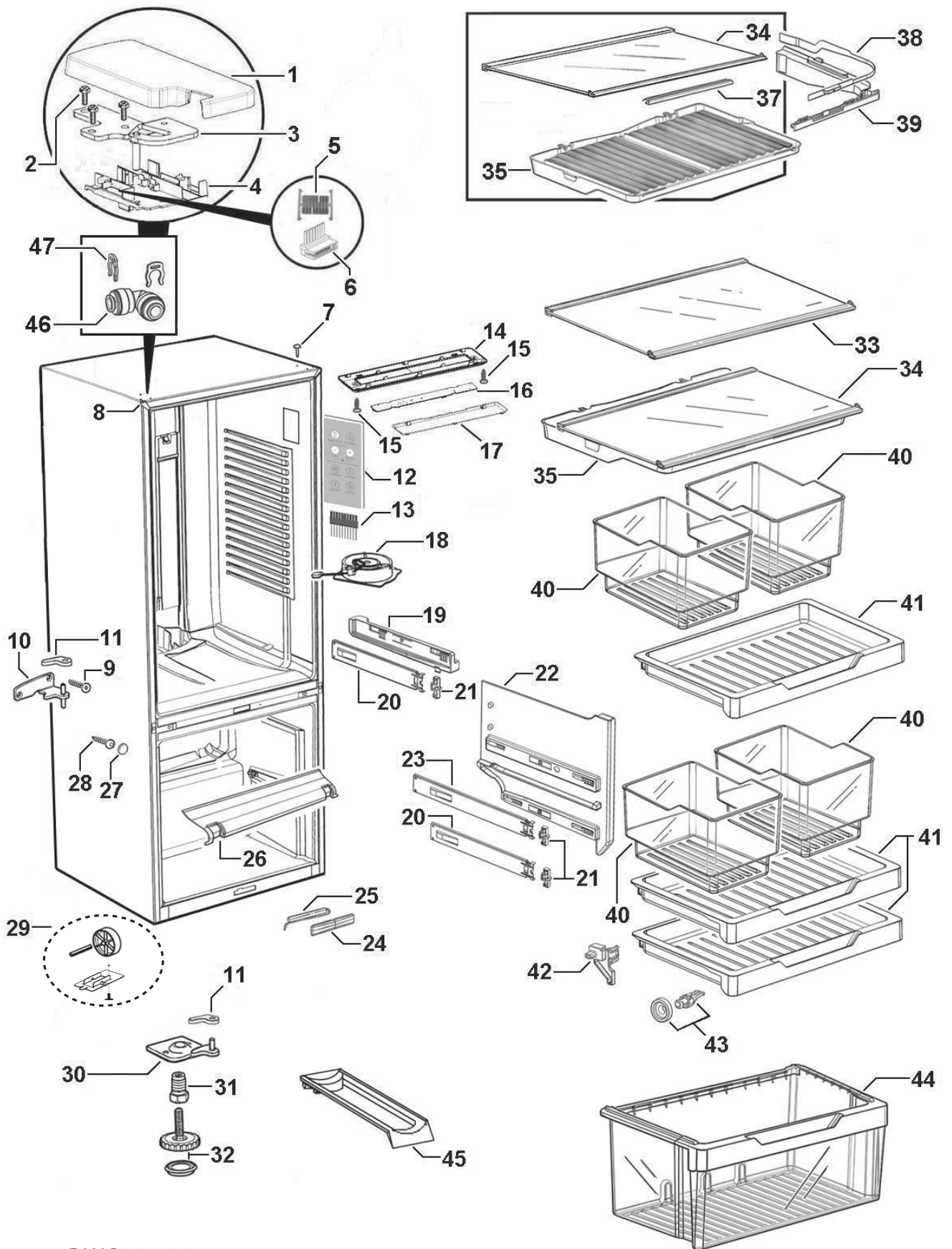


CABINET COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
1	846779P	COVER HINGE LOW NIW GRY L
2	817818P	SCREW M5X20 HEX PH ST TV (PKT 10)
3	820863	BRACKET HINGE I&W LH
4	846774P	SUPPORT HINGE LOW NIW
NI	847438	KIT COVER HINGE LOW GRY LH
	Includes 846779P	COVER HINGE LOW NIW GRY L
	Includes 846774P	SUPPORT HINGE LOW NIW
5	821917	CONNECTOR PCB RAST 8 WAY
6	873279	CONNECTOR RAST 7234-008-500
7	883948P	PLUG TAPPED HOLE SILVER (PKT 3)
8	883951	TRIM CORNER SILVER 680/790
9	880656P	SCREW 10GX25CSK SQ SS (PKT 10)
10	881286P	BRACKET CTR HINGE LH (PKD)
	Includes	CAP DOOR CLOSING LH HGE BRKT
11	881286P	BRACKET CTR HINGE LH (PKD)
	Includes	CAP DOOR CLOSING LH HGE BRKT
12	821286P	MOD DISP AS U2 INT 8 BUT SVC
13	838437	HARNESS DISPLAY SPARES
14	820736	HOUSING FRONT LED PC
15	817816P	SCREW 6 X12 AB TRUSS PH ST TV (PKT 10)
16	845096P	MOD LAMP AS CEILING SVC
17	820737	WINDOW LED PC
18	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
19	836808	RETAINER & SLIDE 680 RH ASSY RC
	Includes	RETAINER SLIDE PC B RH
	Includes 836700	SLIDE 305 RH ASSEMBLY
	Includes 836520P	CLIP SLIDE
	836807	RETAINER & SLIDE 680 LH ASSY RC
	Includes	RETAINER SLIDE PC B LH
	Includes 836701	SLIDE 305 LH ASSEMBLY
	Includes 836520P	CLIP SLIDE



CABINET COMPONENTS



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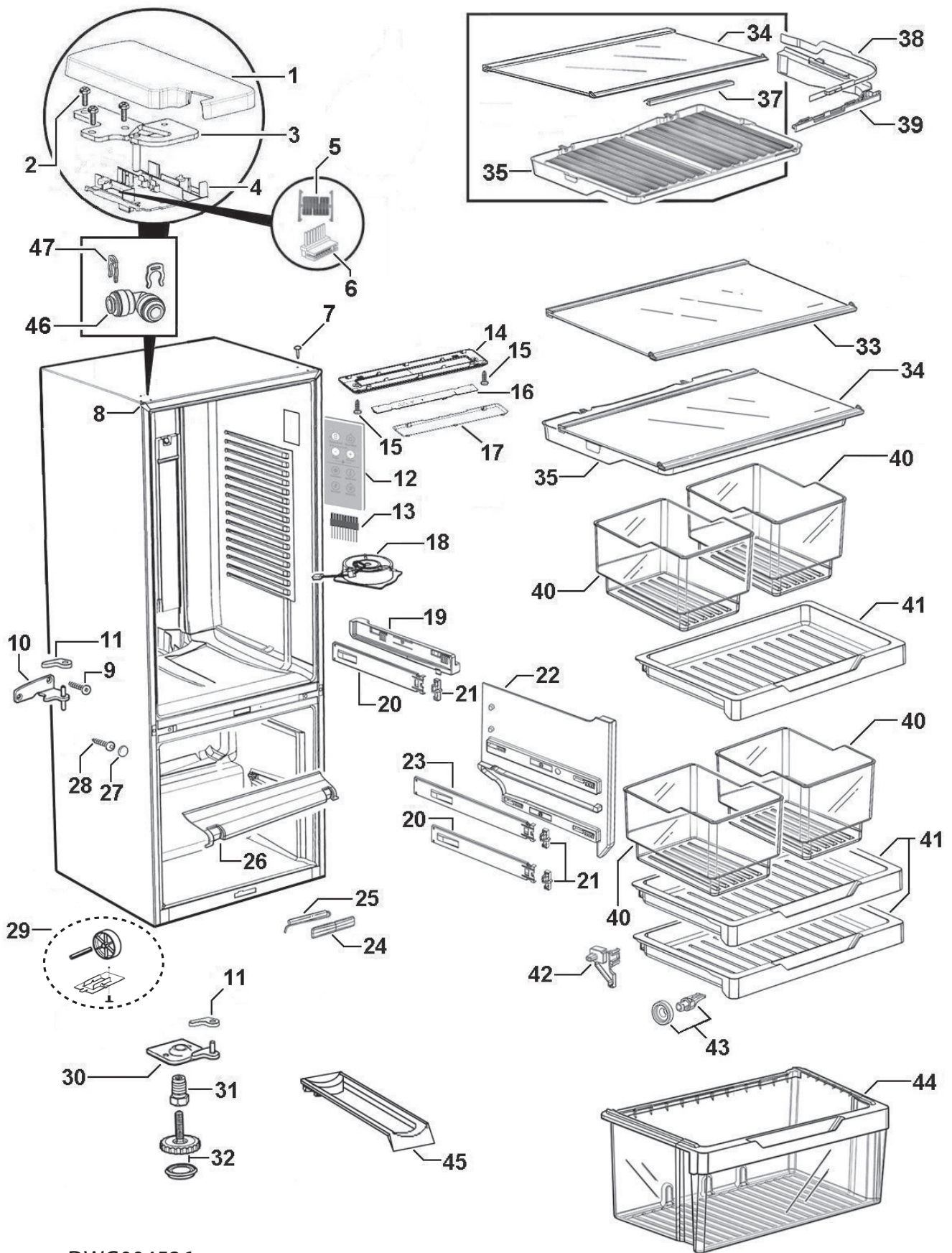


CABINET COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
20	836700	SLIDE 305 RH ASSEMBLY RC
	Includes 836520P	CLIP SLIDE
	836701	SLIDE 305 LH ASSEMBLY RC
	Includes 836520P	CLIP SLIDE
21	836520P	CLIP SLIDE (PKT 2)
22	836545	RETAINER SLIDE FC RH
	836546	RETAINER SLIDE FC LH
23	836702	SLIDE 355 RH ASSEMBLY
	Includes 836520P	CLIP SLIDE
	836703	SLIDE 355 LH ASSEMBLY
	Includes 836520P	CLIP SLIDE
24	884011	COVER REED SWITCH ST4 SILVER
	881420	COVER REED SWITCH WHITE ST4
25	865214P	MOD HALL SWITCH RF
26	836593	DUCT RETURN AIR FC 635
27	883953P	CAP SCREW CROSS RAIL SILVER
	880595P	CAP SCREW CROSS RAIL WHITE
28	817822P	SCREW #10X19 AB #2 SQ TV (PKT 10)
29	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
30	818612P	BRACKET HINGE BASE LH (PKD)
	Includes	BRKT HINGE BASE LH ASSY NZ
	Includes	CAP DOOR CLOSING LH
31	813481	BOLT BLIND END HINGE BRACKET
32	880512	FOOT LEVELLING ASSEMBLY
	Includes	WHEEL LEVELLING FOOT ASSY
	Includes	BASE LEVELLING FOOT
33	838362P	SHELF GL PC 635 ASSY SC
	Includes	SHELF GLASS PC 635
	Includes	TRIM SHELF PC 635 SC
	Includes	STIFFENER SHELF PC 635 GR
	Includes 836567	PLUG TRIM SHELF RH
	Includes 836568	PLUG TRIM SHELF LH



CABINET COMPONENTS



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CABINET COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
34	839631P	SHELF GL HCL 635B ASSY SC
	Includes	SHELF GLASS PC 635
	Includes	TRIM SHELF HCL 635 SC
	Includes	STIFFENER SHELF PC 635 GR
	Includes 836567	PLUG TRIM SHELF RH
	Includes 836568	PLUG TRIM SHELF LH
	Includes 836580	RETAINER HCL FRONT 635
	Includes 836631	SLIDE CONTROL HUMIDITY RH
	Includes 836633	SLIDE CONTROL HUMIDITY LH
	Includes 836632	GUIDE CONTROL HUMIDITY RH
	Includes 836634	GUIDE CONTROL HUMIDITY LH
35	836729	LID HUMIDITY CONTROL 635B
37	836580	RETAINER HCL FRONT 635
38	836633	SLIDE CTRL HUMIDITY LH
	836631	SLIDE CTRL HUMIDITY RH
39	836634	GUIDE CTRL HUMIDITY LH
	836632	GUIDE CTRL HUMIDITY RH
40	836522	BIN SMALL
41	836512	TRAY 635
42	836585	SKID TRAY RH
	836586	SKID TRAY LH
43	836517	WHEEL & CHASSIS ASSEMBLY (PKT 2)
44	836659	BIN LARGE 635 ASSY
45	860593	HOLDER BOTTLE SINGLE ASSY
46	837192	CONNECTOR WATER ELBOW C10308W
47	837193P	COLLET LOCKING CLIP PIC1808R (PKT 2)
NI	874107	TRAY ICE BASE
NI	874121	TRAY ICE LID

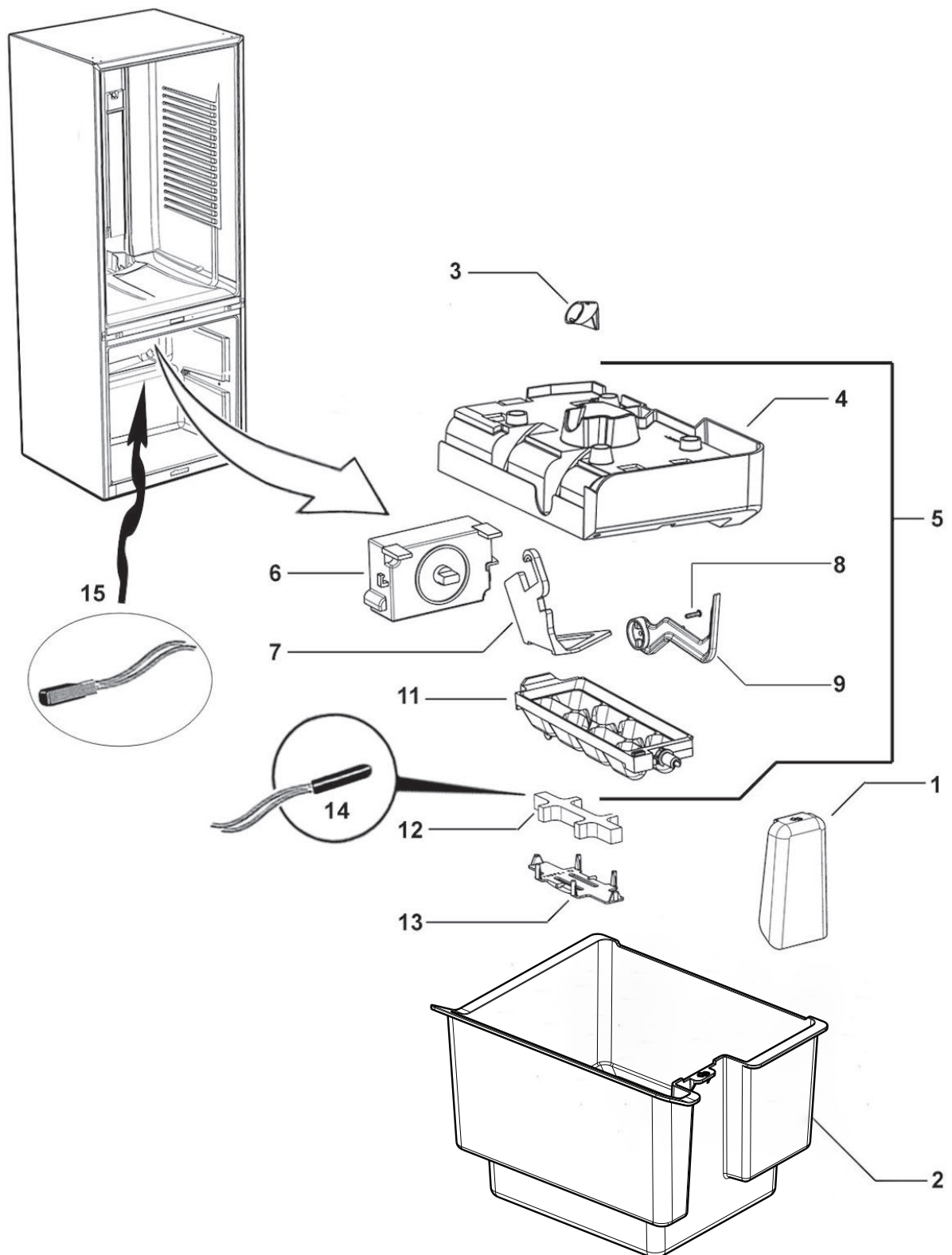
JOINER KIT FOR SIDE BY SIDE CABINET CONNECTION

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
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ICEMAKER COMPONENTS & ICE BIN

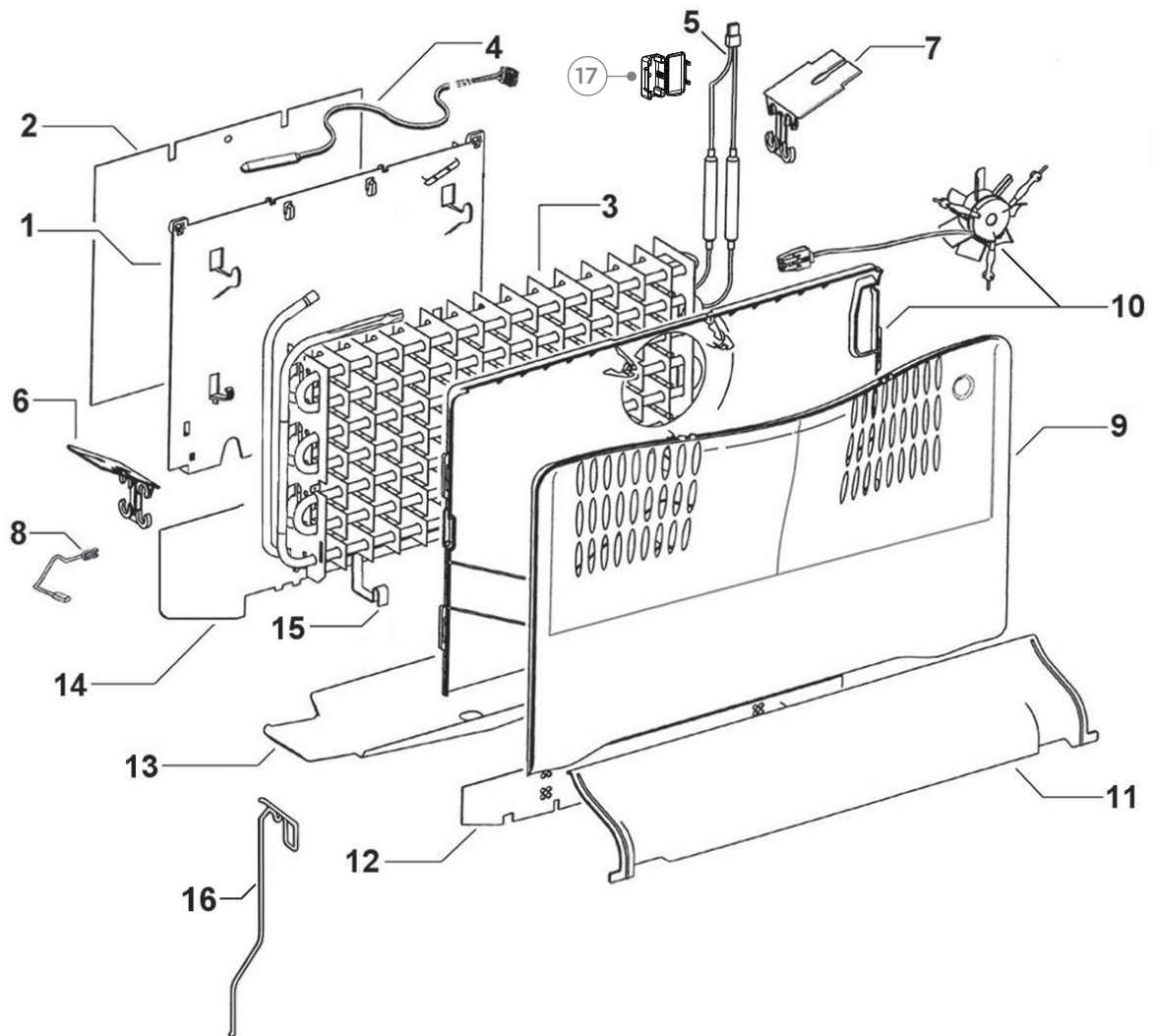


ICEMAKER COMPONENTS & ICE BIN

REFERENCE	PART NUMBER	PART DESCRIPTION
1	836929	SCOOP ICE
2	836886	BIN AND SCOOP ASSEMBLY
	Includes 836928	BIN ICE
	Includes 836929	SCOOP
3	836936	SPIGOT FILL ICE MAKER
4	836915	HOUSING ICE MAKER
5	820833P	ICEMAKER ASSEMBLY LARGE
	Includes 820841	TRAY ICE AUTO LARGE
	Includes 836910	LEVER GEAR BOX ICE
	Includes 836915	HOUSING ICE MAKER
	Includes 836934	GEARBOX ICE MAKER
	Includes 836948	SCREW 6X1/2 PAN PH SS
6	836934	GEARBOX ICE MAKER
7	836912	LEVER BIN DETECT
8	836948P	SCREW 6X1/2 PAN PH SS (PKT 10)
9	836910	LEVER GEAR BOX ICE
11	820841	TRAY ICE AUTO LARGE
12	836909	FOAM CLIP SENSOR
13	837180	CLIP SENSOR ICE TRAY
14	321107	ICE MAKER SENSOR LEAD WIRE KIT
	Includes	SENSOR THERMISTOR ICE MAKER
	Includes	CONNECTOR IDC UY2 - 3MS
	Includes	INSTRUCTIONS ICE SENSOR KIT
15	821689P	ICE FILL TUBE HEATER KIT MK2



FAN, COVER AND EVAPORATOR COMPONENTS

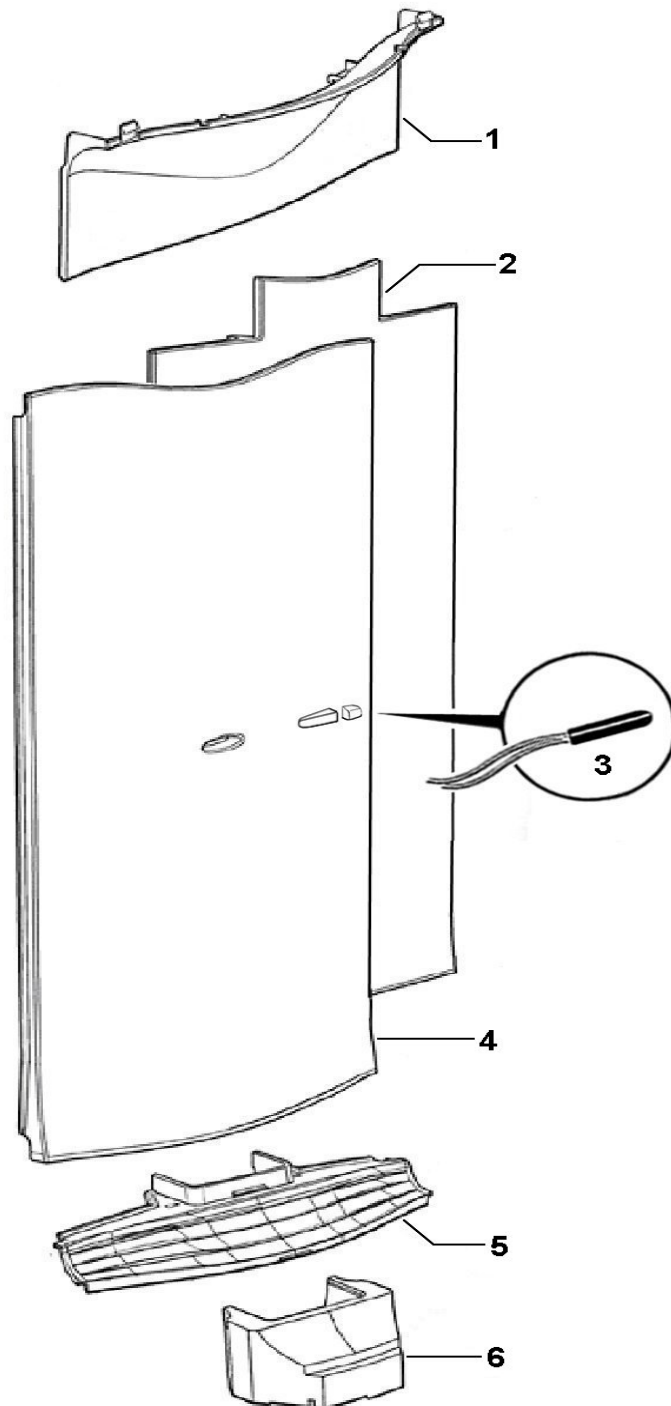


FAN, COVER AND EVAPORATOR COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
1	814446	CHASSIS EVAP 635 B
2	880423P	DEF HRT CHASSIS
3	821064P	EVAP ASSY 635B 120V DP
	Includes	EVAPORATOR FINNED 635 R600A
	Includes 814446	CHASSIS EVAP 635 B
	Includes 814631	SHIELD EVAP B CHASSIS
	Includes 847021	HEATER DEF DBLE 120V 635
	Includes 880423P	DEF HRT CHASSIS
	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
	Includes	HEATSHRINK 25MM
	Includes	HARNESS SENSOR PC
	Includes	CONNECTOR BUTT (2)
	Includes	SHEET INSTRUCTN BUTT CONNECTORS
5	847021	HEATER DEF DBLE 120V 635
6	813992	CLIP ACTIVE SMART BAFFLE
7	820604	CLIP EVAP BAFFLE
8	814460	HARNESS EARTH 100MM
9	873398	COVER FAN FC FRONT 635B
10	848314P	FAN FC 3W KIT 635 SERIES A TO
	Includes 880409P	COVER HEAT SHIELD ALUM 635
	Includes	COVER FAN FC REAR 635
	Includes	CONNECTOR IDC UP2 (2)
	Includes	FAN DC SUSPENDED FC ASSY
11	836593	DUCT RETURN AIR FC 635
12	880409P	COVER HEAT SHIELD ALUM 635 P42
13	872831	SHIELD DRAIN HTR DEFROST 635B
14	814631	SHIELD EVAP B CHASSIS
15	820835	CLIP DEFROST HEATER B SHORT
16	821251	WIRE DRAIN HEATER DOUBLE B
17	821745	COVER PLUG TYCO



DUCT COVER COMPONENTS



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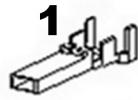


DUCT COVER COMPONENTS

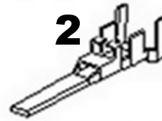
REFERENCE	PART NUMBER	PART DESCRIPTION
1	837405	COVER DUCT PC TOP B
2	873950	INSULATION COVER DUCT LONG B
3	855203P	SENSOR KIT ASSY
	Includes	CONNECTOR BUTT
	Includes	HARNESS SENSOR PC
4	836861	COVER DUCT PC B LONG WATER
5	813287	GRILLE PC RETURN AIR B MODEL
6	872823	INSULATION INSERT PID



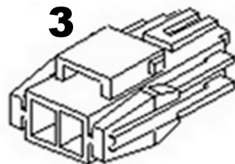
TERMINAL, PLUGS & SOCKETS



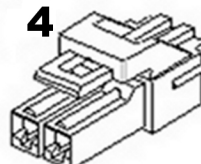
JST SOCKET TERMINAL



JST PIN TERMINAL



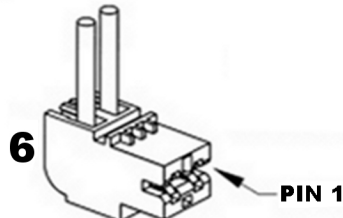
JST SOCKET



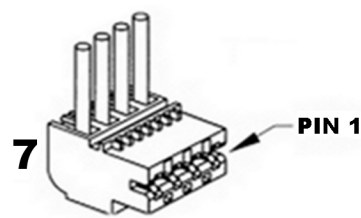
JST PLUG



JST RETAINER

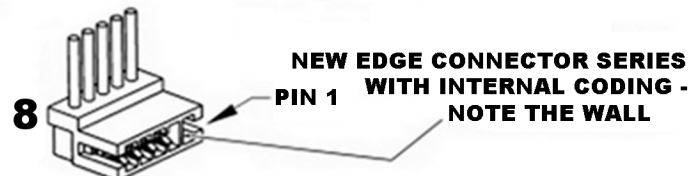


RAST CONNECTOR



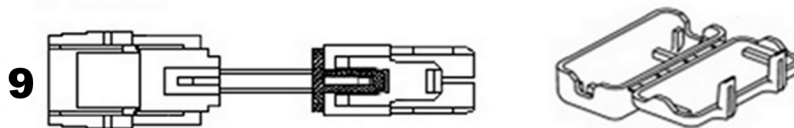
RAST CONNECTOR

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.

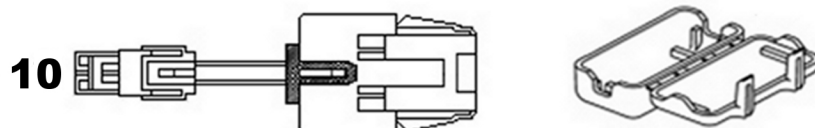


RAST CONNECTOR

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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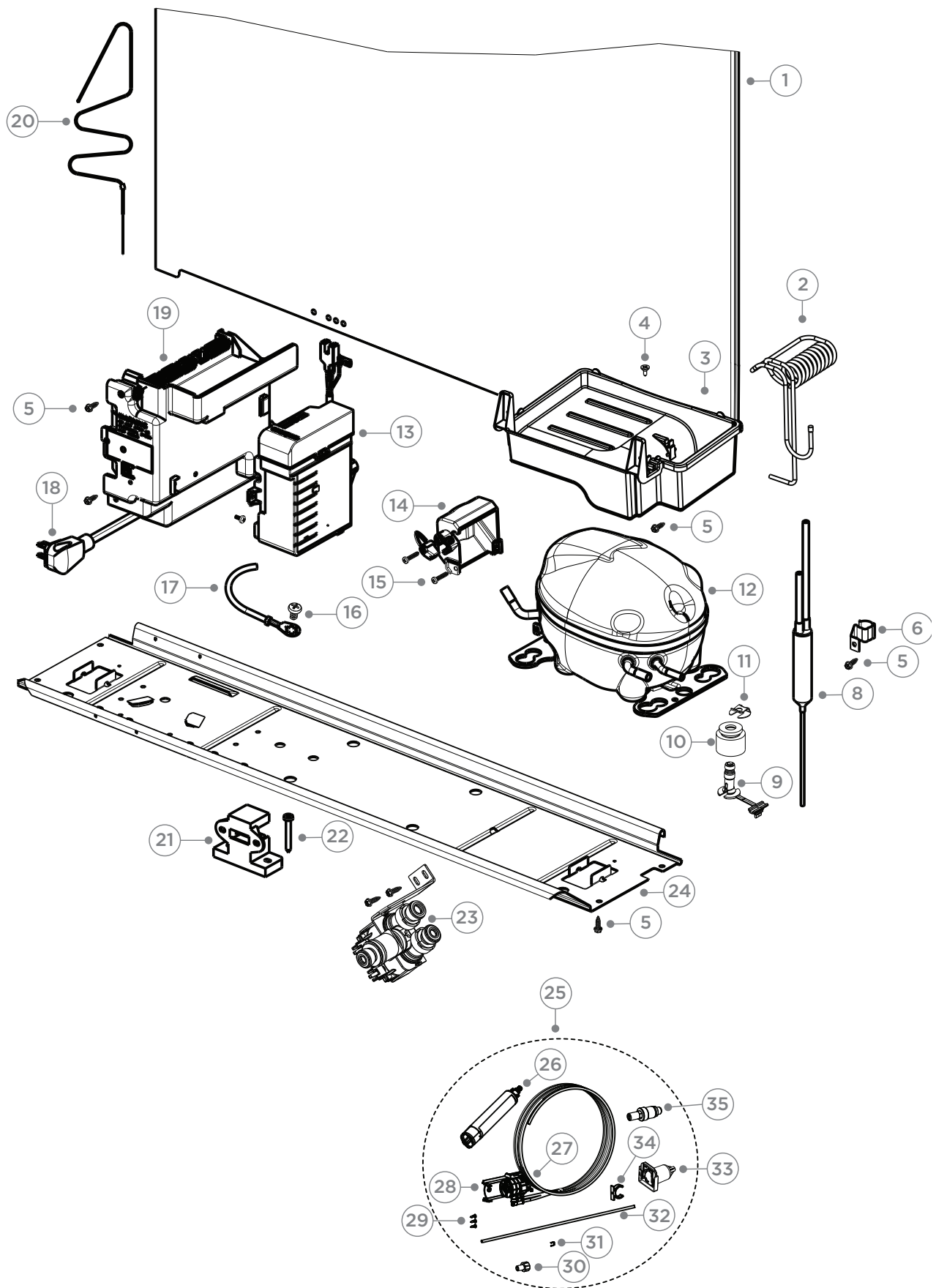
TERMINAL, PLUGS & SOCKETS

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

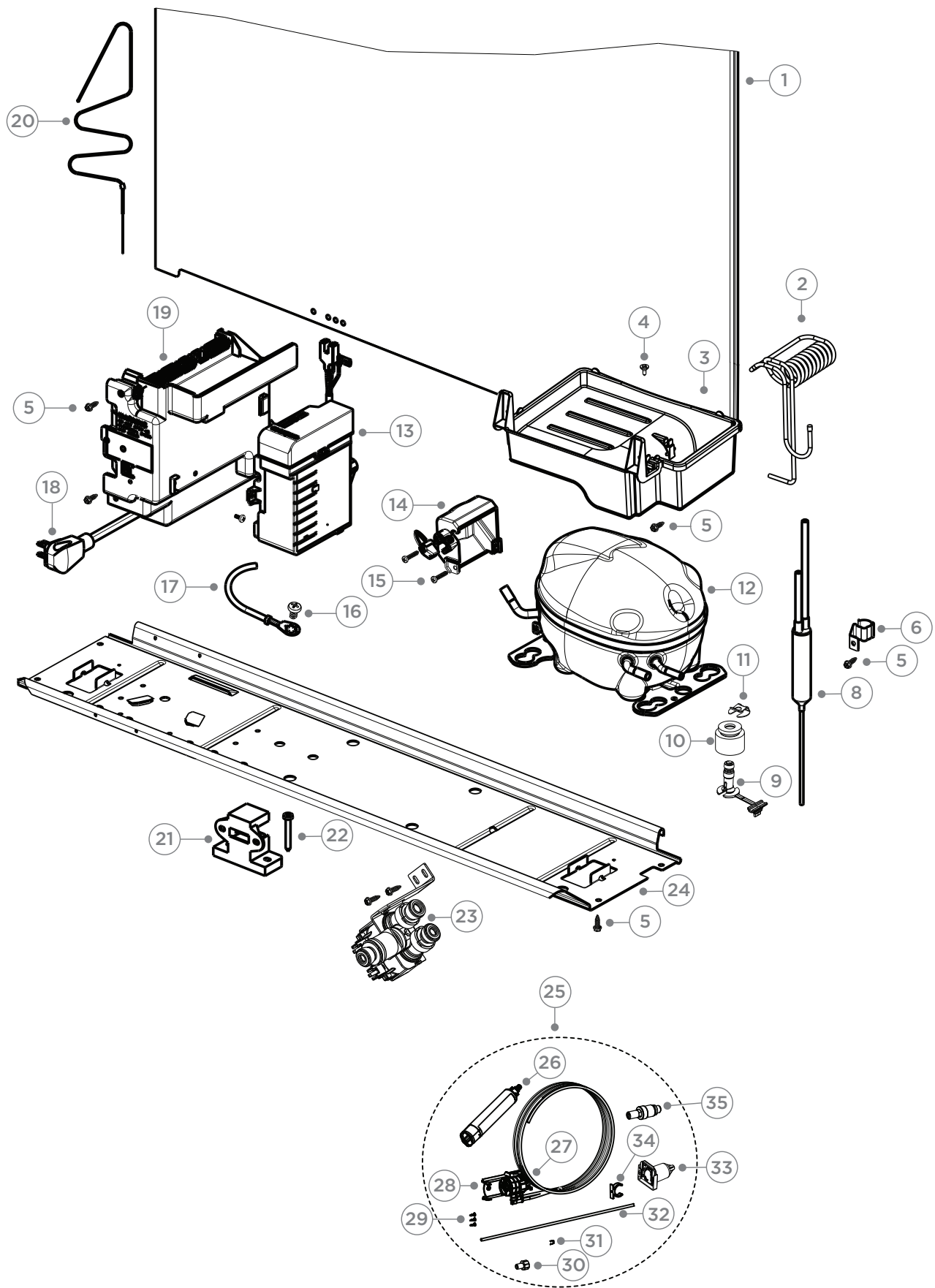


COMPRESSOR AREA COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
1	821301	PANEL BACK FORMED 635-1660
2	837283	TUBE DISCHARGE COILED
3	820573	TRAY EVAP COMPACT ASSY PP
4	815236P	SCREW #12X1/2 CSK PH TV (PKT 10)
5	817834P	SCREW #8X16 HEX (PKT 10)
6	839481	CLIP DRIER
8	814843P	FILTER DRIER LONG TAIL XH9 12 GRM
9	841291P	POST COMP MTG 26MM PKT X4
10	843824P	GROMMET 26MM KIT
11	855270P	CLIP FOOT COMPRESSOR (PKT 4)
12	207432P	COMPR PKD EMB VESD9CEVO
	includes	COMPR EMB VESD9CEVO
	includes 207310	COVER PROTECTOR VEM
	includes 207313	SCREW INVERTER VEM (4)
	includes	FILTER PREBRAZED LONG TAIL
	includes	POST COMPR MNTG 26MM (4)
	includes	GROMMET COMPR MTG 26MM (4)
	includes	CLIP FOOT COMPRESSOR (4)
	includes	PIN LOCKING COMP (4)
13	207437P	INVERT PKD VESD9CEVO 115V FA
14	207310	COVER PROTECTOR VEM
15	207313P	SCREW INVERTER VEM (PKT10)
16	817828P	SCREW 8-32X8 TY T PAN PH TV (PKT 10)
17	863228	HARNESS MOD VCC UL EMB
18	837802	CORD SET USA MODEL
19	851578P	MOD CTRL VES AS51 120-230V SVC
20	849742	SUCTION CAPILLARY BENT B
21	880911	BRACKET STABILITY ASSY
22	815267P	SCREW #10X40 TAB PAN PH STS TV (PKT 10)
23	820718	VALVE ICE WATER 16 WATT
24	820335	TRAY COMP MOUNTING 635VCC



COMPRESSOR AREA COMPONENTS



COMPRESSOR AREA COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
25	864164	KIT INSTL FILTER WATER FIXATION US
	includes 847200	REFRIGERATOR WATER FILTER
	includes 847480	BRACKET FILTER WATER ASSY
	includes 611812	SCREW ST 10X5/8 MSH PAN HP 430 (3)
	includes 847848	TUBE FILTER WATER 1/4" 500MM
	includes 312198	ADAPTOR TUBE-TAP1/4"-7/16"UNS
	includes 847700	CLIP LOCKING I&W
	includes 847538	BRACKET WALL PLV
	includes 846219	VALVE PRESSURE LIMIT 550KPA
	includes 847312	HEAD FILTER WATER 90 DEG FS
	includes 863600	WATER INLET FIXATION ASSY
26	847200	REFRIGERATOR WATER FILTER
27	847312	HEAD FILTER WATER 90 DEG FS
28	847480	BRACKET FILTER WATER ASSY
29	611812P	SCREW ST 10X5/8 MSH PAN PKT 10
30	312198	ADAPTOR TUBE-TAP1/4"-7/16"UNS
31	847700	CLIP LOCKING I&W
32	847848	TUBE FILTER WATER 1/4" 500MM
33	863600	WATER INLET FIXATION ASSY
34	847538	BRACKET WALL PLV
35	846219	VALVE PRESSURE LIMIT 550KPA



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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
models described at the date of issue. Under our policy of continuous product
improvement, these specifications may change at any time.

For current details about model and specification availability in your country,
please go to our website or contact your local Fisher & Paykel dealer.

PRODUCT CODE: 25933-B 06.21

