

Parts Manual Refrigerator / Freezer

Model:

E522BLXFDU G SX 21

Product Code: 22179-A



care

CONTENTS

WATER DISPENSER HOUSING AND MODULE CONTROL	DOOR ASSEMBLIES & COMPONENTS	6
CABINET ACCESSORIES	WATER DISPENSER HOUSING AND MODULE CONTROL	8
ICE MAKER COMPONENTS AND ICE BIN	CABINET COMPONENTS	10
FAN, COVERS AND EVAPORATOR ASSEMBLIES	CABINET ACCESSORIES	16
WATER TANK AND DUCT COVERS	ICE MAKER COMPONENTS AND ICE BIN	18
ACTIVE SMART ST4 TERMINALS PLUGS & SOCKETS	FAN, COVERS AND EVAPORATOR ASSEMBLIES	20
COMPRESSOR, ANCILLARY COMPONENTS & CONTROL MODULE26 NOTES28	WATER TANK AND DUCT COVERS	22
NOTES28	ACTIVE SMART ST4 TERMINALS PLUGS & SOCKETS	24
	COMPRESSOR, ANCILLARY COMPONENTS & CONTROL MODULE	26
REFRIGERATION ABBREVIATION KEY29	NOTES	28
	REFRIGERATION ABBREVIATION KEY	29

GUIDE TO USING THIS MANUAL

The model covered by this manual is 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.

The front cover picture shows the type of product and may not necessarily be an exact image of the model covered by the manual.

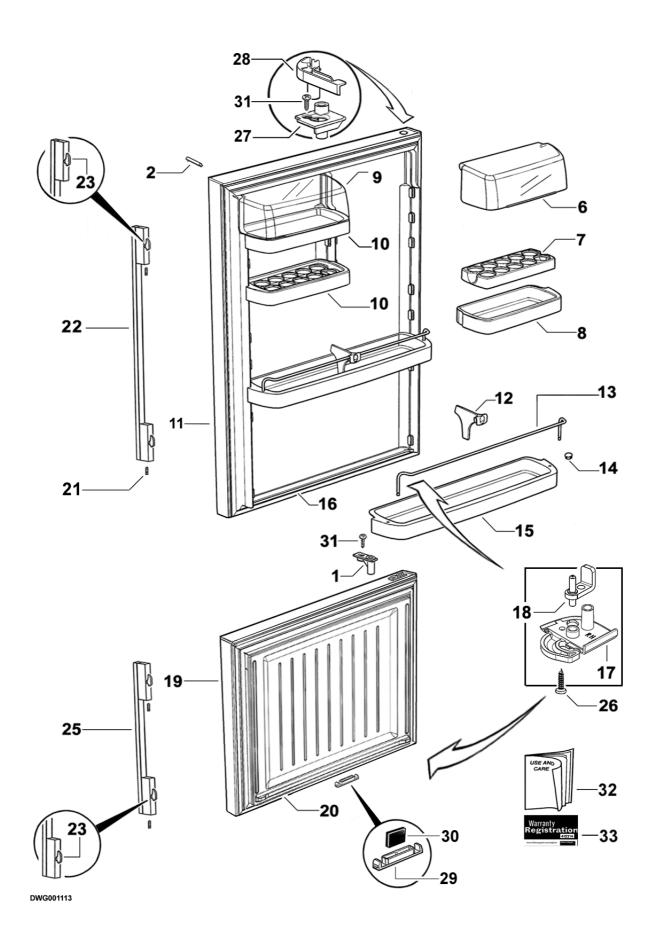
Kit Parts

The components shown in <u>italics with a part number</u> are those parts in the kit which are available also as separate items. In addition, some parts may be supplied with this kit which 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

NOT USED	As a part, indicates the diagram part reference is not used in this manual.
italics	Kit components or parts included are shown in <i>italics</i> , refer to above notes: Kit Parts
NI	As a part reference, indicates the part is not illustrated on the diagram.

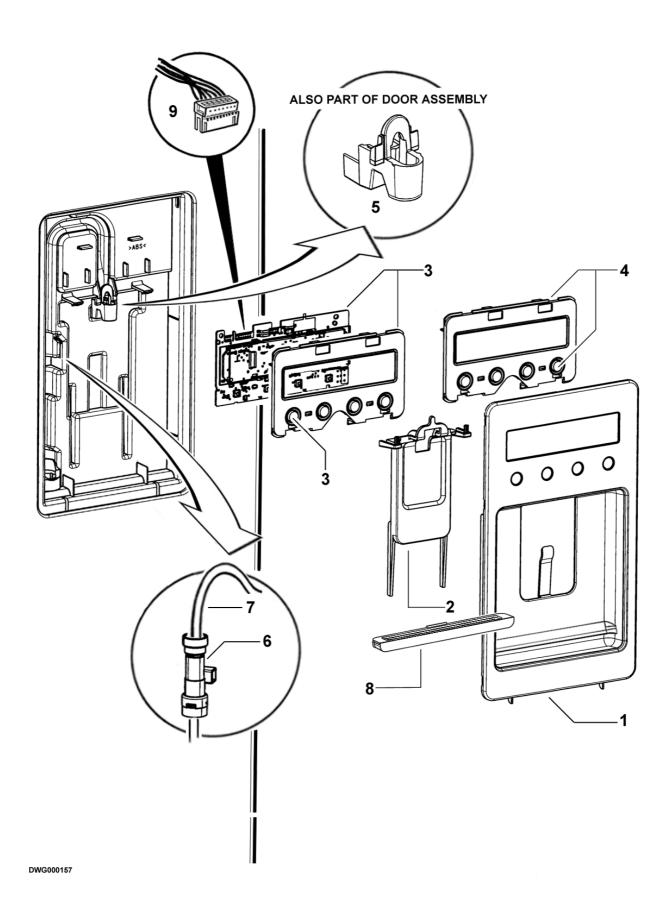
DOOR ASSEMBLIES & COMPONENTS



DOOR ASSEMBLIES & COMPONENTS

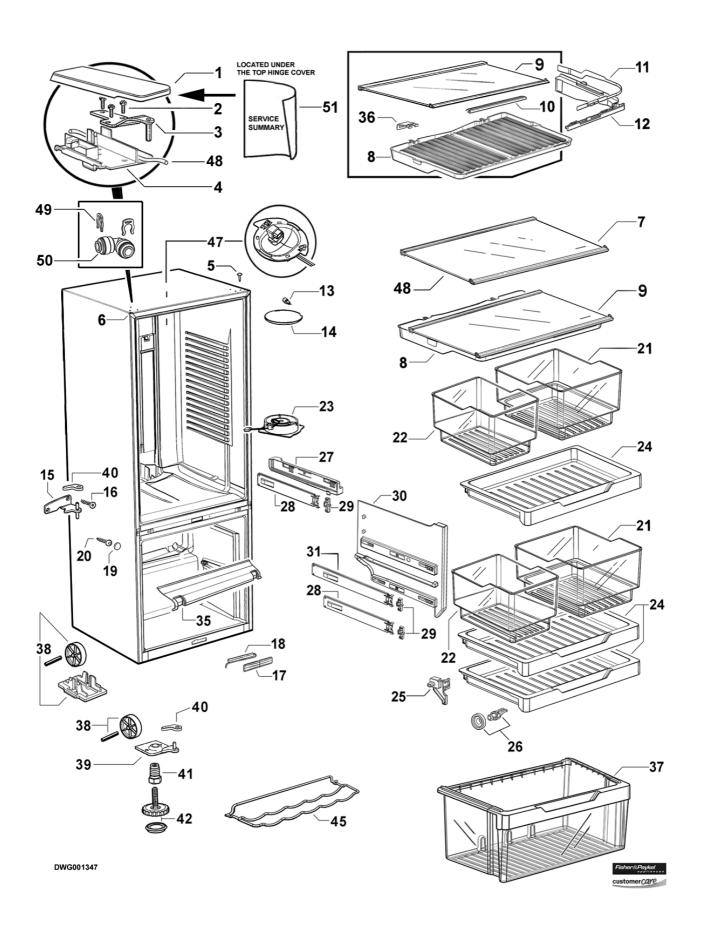
REF	PART	DESCRIPTION
1	813931	HINGE TOP DOOR FLAT
2	813926	TRIM CORNER DOOR FLAT
6	882141	COVER DOOR SHELF RH
7	882323	SHELF EGG RACK
8	882146	SHELF DOOR SML RH 790
9	882140	COVER DOOR SHELF 790 LH
10	882145	SHELF DOOR SML LH 790
11	837219P	DOOR PC SXFU 790X1030 B LH
	Includes	HOUSING INTERFACE REAR
	Includes 836904	SPIGOT WATER DISPENSER
	Includes 813928	COVER MAGNET DOOR FLAT
	Includes 836895	INSERTER HARNESS DOOR
	Includes 883315	MAGNET DOOR SWITCH ST4 20X25X5MM
	Includes	INSTRUCTION SHEET I&W PC DOOR REPLACEMENT
12	883121	DIVIDER BOTTLE RAIL WHITE
13	818851	RAIL BOTTLE SUPPORT 790 SL
14	876281P	PLUG DOOR SHELF WHITE (2)
15	882100	SHELF DOOR LARGE 790
16	883739P	GASKET ASSY E522B PC LT GREY
17	814654	CLOSING HOOK DOOR STOP LH
18	814537	DOOR STOP ASSEMBLY
19	374028P	DOOR FC G SXF 790X610 LH
	Includes 813928	COVER MAGNET DOOR FLAT
	Includes 883315	MAGNET DOOR SWITCH ST4 20X25XX5MM
20	883740P	GASKET ASSY E522B FC LT GREY
21	818844P	SCREW M5X20 GRUB (PKT 10)
22	818903	HANDLE D2 612 BRUSHED
	Includes 818844	SCREW M5X20 GRUB
23	837182P	BOSS HANDLE FLAT
25	818904	HANDLE D2 374 BRUSHED
	Includes 818844	SCREW M5X20 GRUB
26	819525P	SCREW 4.2X16MM TRILOBE PLASTITE (PKT 10)
27	837082	BEARING HINGE WATER FLAT LH
28	837083	GUIDE SERVICES DOOR LH
29	813928	COVER MAGNET DOOR FLAT
30	883315	MAGNET DOOR SWITCH ST4 20X25X5MM
31	836948P	SCREW 6X1/2 PAN PH SS (PKT 10)
32	818819	BOOKLET USE & CARE I&W USA
33	479314	CARD WARRANTY ALL PRODUCTS

WATER DISPENSER HOUSING AND MODULE CONTROL

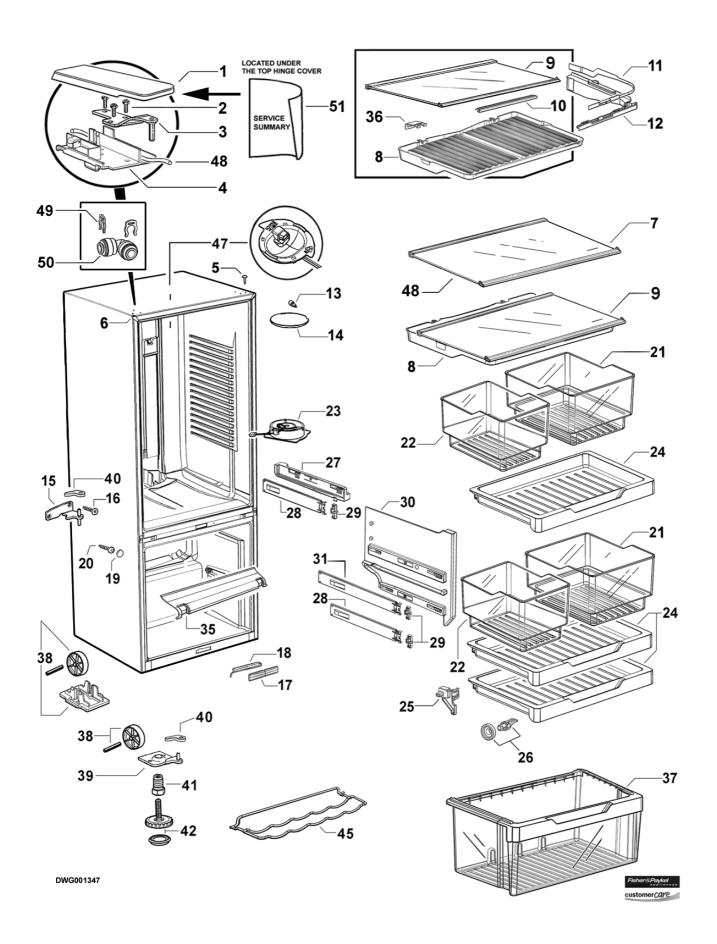


WATER DISPENSER HOUSING AND CONTROL MODULE

REF	PAR	RT	DESCRIPTION
1	818603P		COVER WATER DISPENSER SX
		Includes	HOUSING INTERFACE FRONT
2	836905		LEVER WATER DISPENSER
3	814857P		MODULE DISPLAY ASSEMBLY
		Includes	MODULE ELECTRONIC DISPLAY
		Includes	WINDOW DISPLAY
		Includes	BUTTONS CONTROL DISPLAY
		Includes	HOLDER BUTTONS
4	312200		WINDOW DISPLAY ASSEMBLY
		Includes	WINDOW DISPLAY
		Includes	BUTTONS CONTROL DISPLAY
		Includes	HOLDER BUTTONS
5	836904		SPIGOT WATER DISPENSER
6	836935		FLOW SENSOR
7	836838		TUBE WATER-DOOR 1/4" OD WHITE
8	836771		TRAY DRIP ASSEMBLY
		Includes	CONTAINER TRAY DRIP I&W
		Includes	COVER TRAY DRIP I&W
9	818600		HARNESS DISPLAY DOOR I & W 900 / 790 LH

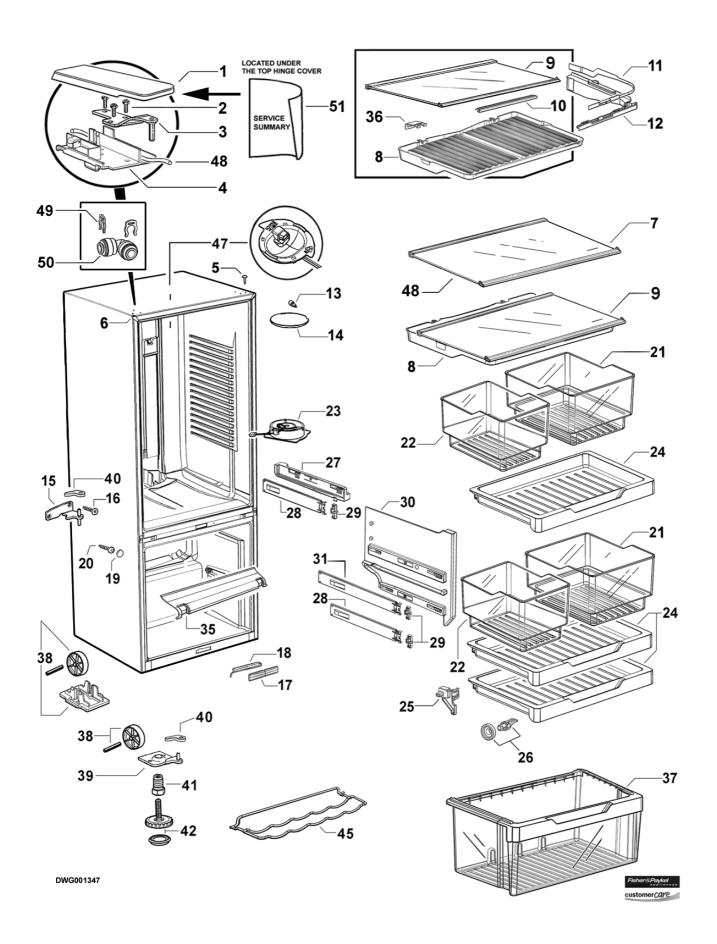


REF	PART	DESCRIPTION
1	836825	COVER TOP HINGE I&W
2	817818P	SCREW M5X20 HEX PH ST TV (PKT 10)
3	837081	BRACKET HINGE WATER LH ASSY
4	837084	SUPPORT HINGE TOP LH
5	883948	PLUG TAPPED HOLE SILVER
6	883951	TRIM CORNER RECESSED SILVER
7	836751	SHELF GLASS PC 790 ASSY SC
	Includes 836569	PLUG STIFFENER SHELF RH
	Includes 836570	PLUG STIFFENER SHELF LH
	Includes 836567	PLUG TRIM SHELF RH
	Includes 836568	PLUG TRIM SHELF LH
	Includes	TRIM SHELF PC 790 SC
	Includes	STIFFENER SHELF PC 790 SC
	Includes	SHELF GLASS PC 790
8	836574	LID HUMIDITY CONTROL 790B
9	836728	SHELF GLASS HCL 790B ASSY 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
	Includes 819179	RETAINER HCL FRONT 790
	Includes 881268	BRACKET HCL SUPPORT B GLASS SHELF (2)
	Includes	TRIM SHELF HCL 790 SC
	Includes	STIFFENER SHELF PC 790 SC
	Includes	SHELF GLASS PC 790
10	819179	RETAINER HCL FRONT 790
11	836631	SLIDE CONTROL HUMIDITY RH
	836633	SLIDE CONTROL HUMIDITY LH
12	836632	GUIDE CONTROL HUMIDITY RH
	836634	GUIDE CONTROL HUMIDITY LH
13	874017P	LAMP HALOGEN PC 12V 10W
14	875318	COVER LAMP PC
15	881286P	BRACKET CENTRE HINGE LH
	Includes 883989	CAP DOOR CLOSING HINGE BKT LH
16	880656P	SCREW 10GX25CSK SQ SS (PKT 10)
17	884011	COVER REED SWITCH ST4 SILVER
18	814443P	SWITCH REED FIELD FIX KIT ST4
	Includes	HEATSHRINK 1/8" MW ADHESIVE LINED
19	883953	CAP SCREW CROSS RAIL SILVER
20	817822P	SCREW #10X19 AB #2 SQ TV (PKT 10)
21	836524	BIN SMALL 790
22	836522	BIN SMALL



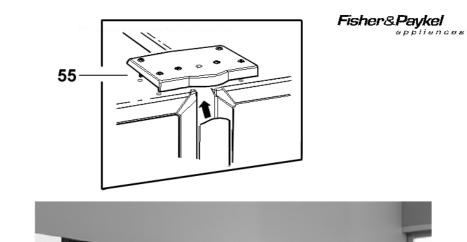
REF	PART	DESCRIPTION
23	884518P	FAN & HOUSING PC ASSY
	Includes	CONNECTOR IDC UP2 (2)
	Includes	LABEL WARNING 12 VOLT DC
	Includes	FAN & HOUSING PC ASSY
24	836514	TRAY 790
25	836585	SKID TRAY RH
	836586	SKID TRAY LH
26	836517	WHEEL & CHASSIS ASSEMBLY (PKT 2)
27	836810	RETAINER SLIDE PC 790 RH ASSY RC
	Includes	RETAINER SLIDE PC 790 RH
	Includes 836700	SLIDE 305 RH ASSEMBLY
	Includes 836520	CLIP SLIDE
	836809	RETAINER SLIDE PC 790 LH ASSY RC
	Includes	RETAINER SLIDE PC 790 LH
	Includes 836701	SLIDE 305 LH ASSEMBLY
	Includes 836520	CLIP SLIDE
28	836700	SLIDE 305 RH ASSEMBLY RC
	Includes 836520	CLIP SLIDE
	836701	SLIDE 305 LH ASSEMBLY RC
	Includes 836520	CLIP SLIDE
29	836520P	CLIP SLIDE (PKT 2)
30	836545	RETAINER SLIDE FC RH
	836546	RETAINER SLIDE FC LH
31	836702	SLIDE 355 RH ASSEMBLY RC
	Includes 836520	CLIP SLIDE
	836703	SLIDE 355 LH ASSEMBLY RC
	Includes 836520	CLIP SLIDE
35	836595	DUCT RETURN AIR FC 790
36	881268	BRACKET HCL SUPPORT B GLASS SHELF
37	836661	BIN ASSEMBLY LARGE 790
	Includes	HANDLE BIN LARGE
38	315090P	KIT WHEEL BRACKET CLIP
	Includes	PIN ROLLER PLATED
	Includes	ROLLER FOOT FRONT
	Includes	CLIP WHEEL BRACKET
39	814690P	BRACKET HINGE BASE LH ASSY AUST
	Includes 883989	CAP DOOR CLOSING HINGE BKT LH
40	883989P	CAP DOOR CLOSING HINGE BKT LH
41	817824	BOLT BTTM HINGE BRKT TV
42	818535	FOOT LEVELLING ASSEMBLY RC
	Includes	WHEEL LEVELLING FOOT ASSY
	Includes	BASE LEVELLING FOOT
45	818854	RACK BOTTLE 790 SL

Continued next page



REF	PART	DESCRIPTION
47	814415	HOUSING & LIGHT 12V ASSEMBLY
48	836838	TUBE WATER-DOOR 1/4" OD WHITE
49	837193P	COLLET LOCKING CLIP PIC1808R (PKT 2)
50	837192	CONNECTOR WATER ELBOW CI 0308W
51	819444	LEAFLET SERVICE SUMMARY USA I & W

CABINET ACCESSORIES



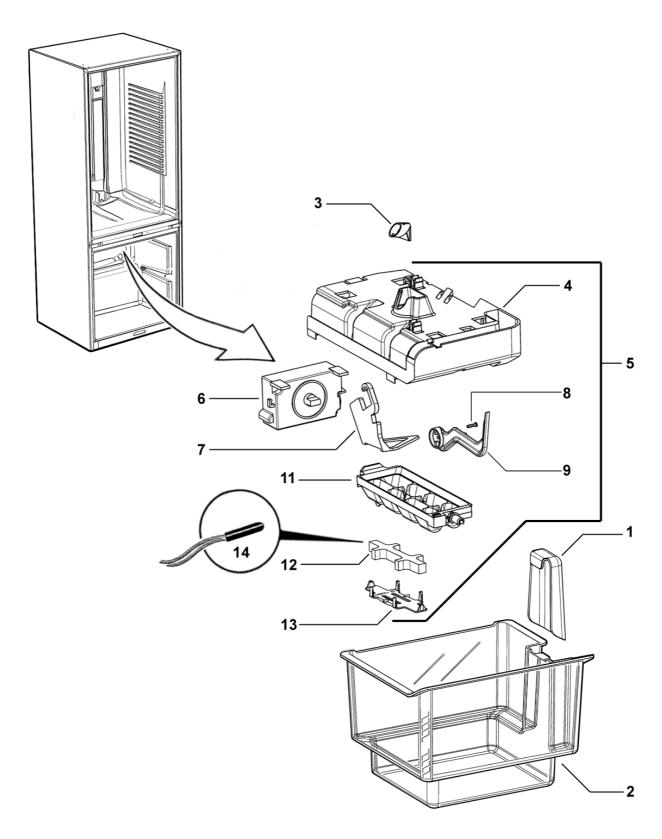


DWG001132 22 JUNE 2007

CABINET ACCESSORIES

REF	PART	DESCRIPTION
55	819264	KIT JOINER SILVER
56	818758	KIT SURROUND STAINLESS 790 LH
	818759	KIT SURROUND STAINLESS 790 X2

ICE MAKER COMPONENTS AND ICE BIN

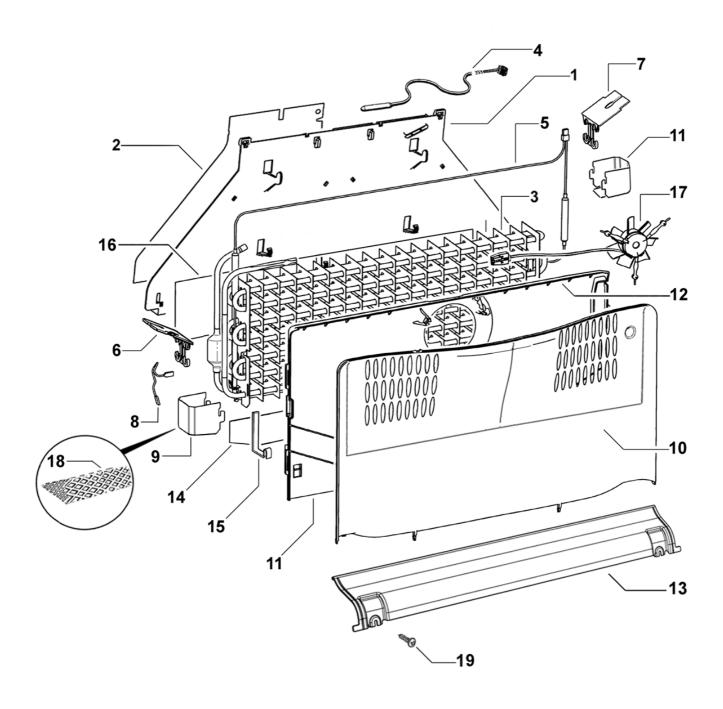


DWG000159

ICE MAKER COMPONENTS AND ICE BIN

REF	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	836884	ICEMAKER ASSEMBLY
	Includes 836907	TRAY ICE AUTO
	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	836907	TRAY ICE AUTO
12	836909	FOAM CLIP SENSOR
13	837180	CLIP SENSOR ICE TRAY
14	312199	SENSOR KIT ASSY ICE MAKER
	Includes	SENSOR THERMISTOR ICE MAKER
	Includes	HEATSHRINK 1/8" MW ADHESIVE LINED

FAN, COVERS AND EVAPORATOR ASSEMBLIES

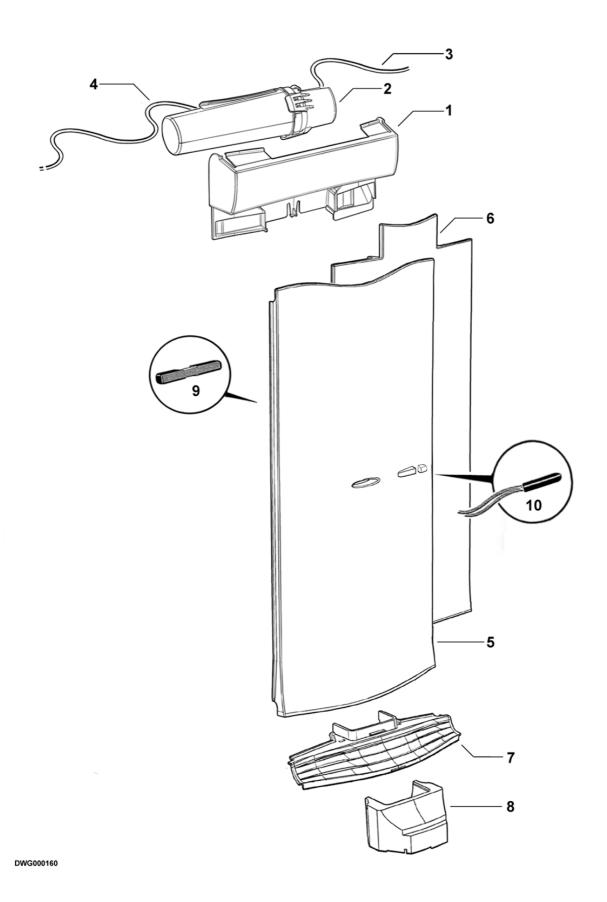


DWG 001357

FAN, COVERS & EVAPORATOR ASSEMBLIES

REF	PART	DESCRIPTION
1	814475	CHASSIS EVAP 790B
2	884315	DEFLECTOR HEAT 790B
3	814826P	EVAP ASSY 790B 120V
	Includes	EVAPORATOR FINNED 790
	Includes 818980	HEATER DEFROST 120V 790
	Includes 813992	CLIP ACTIVE SMART BAFFLE
	Includes 814426	CLIP EVAP BAFFLE 60MM
	Includes 814475	CHASSIS EVAP 790B
	Includes 814713	SHIELD EVAP CHASSIS 790B
4	855203P	SENSOR KIT ASSY ACTIVE SMART PC/FC DF
	Includes	HEATSHRINK 1/8" MW ADHESIVE LINED
	Includes	SENSOR THERMISTOR PC
5	818980P	HEATER DEFROST 120V 790
6	813992	CLIP ACTIVE SMART BAFFLE
7	814426	CLIP EVAP BAFFLE 60MM
8	814460	HARNESS EARTH 100MM
9	814708	SHIELD HEATER LEFT HAND
10	873395	COVER FAN FC FRONT E790B
11	814709	SHIELD HEATER RIGHT HAND
12	306096P	FAN FC KIT 790 SERIES A to D
	Includes	COVER FAN FC REAR 790
	Includes	CONNECTOR IDC UP2 (2)
	Includes	LABEL WARNING 12 VOLT DC
	Includes	FAN DC SUSPENDED FC ASSY
13	836595	DUCT RETURN AIR FC 790
14	883783	SHIELD FC REAR COVER 790
15	814653	CLIP DEFOST HEATER B EVAP
16	814713	SHIELD EVAP CHASSIS
17	306096P	FAN FC KIT 790 SERIES A to D
	Includes	COVER FAN FC REAR 790
	Includes	CONNECTOR IDC UP2 (2)
	Includes	LABEL WARNING 12 VOLT DC
	Includes	FAN DC SUSPENDED FC ASSY
18	884249	GRILLE EVAPORATOR 790B USA
19	817825P	SCREW 8X22 WAFER PH ST TV (PKT 10)

WATER TANK AND DUCT COVERS



22

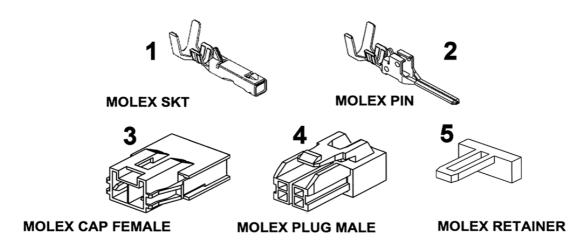
WATER TANK AND DUCT COVERS

REF	PAR	RT	DESCRIPTION
1	836849		COVER DUCT TOP WATER
		Includes	TAPE FOAM 440X6X3 S/CELL P3
2	836846		TANK DISPENSER ASSEMBLY
		Includes	CAP TANK DISPENSER
		Includes	BASE TANK DISPENSER
		Includes	BAFFLE TANK DISPENSER
3	836838		TUBE WATER-DOOR 1/4" OD WHITE
4	837162		TUBE WATER TANK INLET 5/16" OD BLUE
5	836861		COVER DUCT PC LONG WATER
6	873950		INSULATION COVER DUCT LG B
7	813287		GRILLE PC RETURN AIR B MODEL
8	872833		INSULATION INSERT PLUG-IN-DIVIDER B MODELS
9	883945		FILTER DEODORANT
10	855203P		SENSOR KIT ASSY ACTV SM PC/FC DF
		Includes	HEATSHRINK 1/8" MW ADHESIVE LINED
		Includes	SENSOR THERMISTOR PC

ACTIVE SMART ST4 TERMINALS PLUGS & SOCKETS

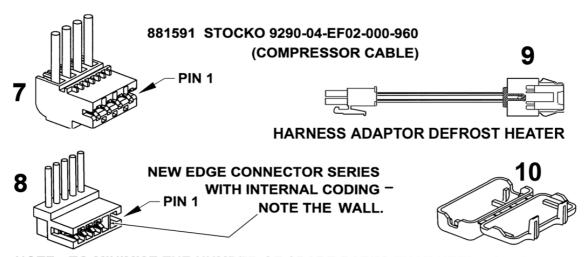
ACTIVE SMART STAGE 4

TERMINALS, PLUGS AND SOCKETS





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. STOCKO IS THE MANUFACTURER OF THESE CONNECTORS.



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

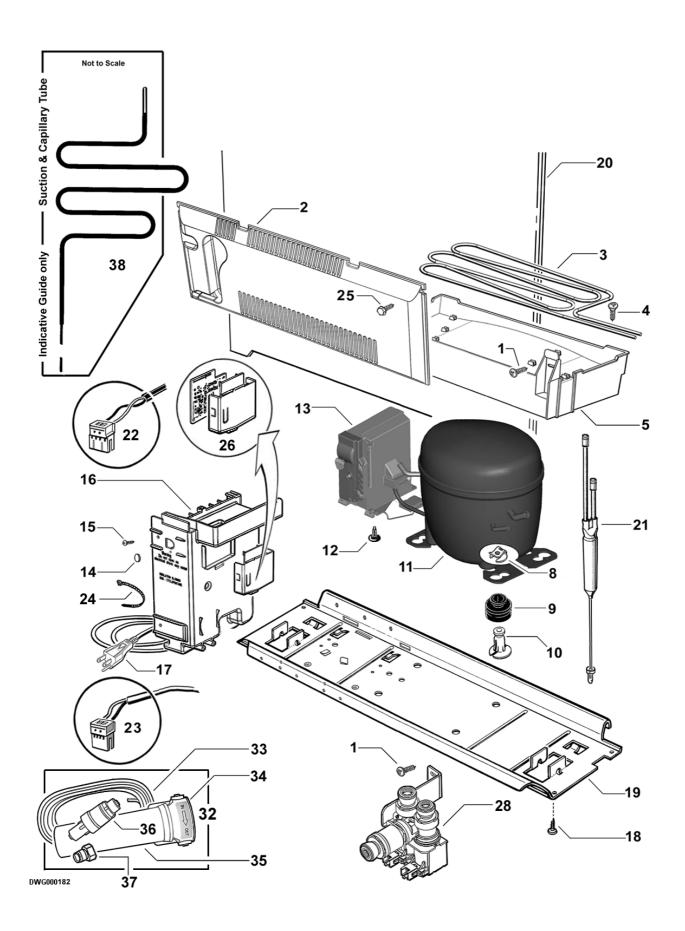
ACTIVE SMART ST4 TERMINALS PLUGS & SOCKETS

REF	PART	DESCRIPTION
1	881595	SOCKET 16-22AWG 50597-8100 MLX
	881596	SOCKET 20-26AWG 50598-8100 MLX
2	881597	PIN 16-22AWG 50599-8100 MLX
	881598	PIN 20-26AWG 50600-8100 MLX
3	881592	CAP FEMALE 51139-0200 MLX
4	881593	PLUG MALE 51138-0200 MLX
5	881594	RETAINER 51140-0205 MLX
6	881588	CONNECTOR RAST 9290-02-AB01
	881589	CONNECTOR RAST 9290-02-BA01
	881590	CONNECTOR RAST 9290-02-EE01
7	881591	CONNECTOR RAST 9290-04-EF02
8	873243	CONNECTOR RAST 7234-012-500
	873247	CONNECTOR RAST 7234-006-500
	873248	CONNECTOR RAST 7234-010-500
	873250	CONNECTOR RAST 7234-004-500
	873251	CONNECTOR RAST 7234-003-500
	873279	CONNECTOR RAST 7234-008-500
	881135	CONNECTOR RAST 7234-005-500
	881136	CONNECTOR RAST 7234-014-500
	881137	CONNECTOR RAST 7234-017-502
9	855305	HARNESS ADAPTOR DEFROST HEATER
10	884412	COVER PLUG MLX

NOTE: THE NUMBERS IN THE DESCRIPTION OF THE RAST CONNECTOR DENOTES THE NUMBER OF CONNECTIONS

EXAMPLE: 7234-<u>017</u>-502 =17 WAY CONNECTOR

COMPRESSOR, ANCILLARY COMPONENTS & CONTROL MODULE



COMPRESSOR, ANCILLARY COMPONENTS & CONTROL MODULE

REF	PART	DESCRIPTION
1	817817P	SCREW #8X12 SP PAN NIB ST TV (PKT 10)
2	837153	COVER COMPRESSOR 790 USA
3	814684	TUBE EVAP TRAY FORMED H/SHRINK
4	815236P	SCREW #12X1/2 CSK PH TV (PKT 10)
5	814623	TRAY WATER EVAP
8	855270P	CLIP FOOT COMPRESSOR (PKT 4)
9	881443P	GROMMET COMPRESSOR MOUNTING 33MM (PKT 4)
10	881444	POST COMPRESSOR MNTG 33MM
11	884259P	COMPRESSOR EMBRACO VEGY 6H VCC 110V 60HZ
	Includes 813271	CLIP INVERTER MOUNTING (2)
	Includes 813682	SCREW INVERTER (2)
	Includes 813683	CAP CABLE INVERTER
	Includes 814843	FILTER LONG TAIL XH9 12GRM
	Includes 884260	INVERTOR COMPRESSOR 115V VCC
12	813271	CLIP INVERTER MOUNTING
13	884260	INVERTOR COMPRESSOR 115V VCC
14	875861	PLUG PLASTIC LT GREY
15	817829P	SCREW 8X16 SP PAN NIB PH TV (PKT 10)
16	814529P	MODULE CONTROL AS ST4.2 100-120V
17	884244	CABLE SUPPLY USA ST4
18	817831P	SCREW #8X16 SP PAN NIB ST TV (PKT 10)
19	814905	TRAY COMPRESSOR MOUNTING 790
20	882137	PANEL BACK & CONDENSER ASSEMBLY
21	814843P	FILTER LONG TAIL XH9 12GRM
22	884242	HARNESS VCC SIGNAL
23	884243	HARNESS VCC POWER
24	900325	TIE PLASTIC 140MM PLT 1.5M-M
25	901397	SCREW 8GX15 HEX HD
26	814856P	MODULE ICE P42 I&W
28	814859	VALVE DUAL I&W
32	836847	KIT FILTER WATER USA
	Includes 836848	CARTRIDGE FILTER WATER
	Includes 836855	HEAD FILTER WATER
	Includes 836857	TUBE FILTER WATER 1/4" OD WHITE 4m
	Includes 836858	VALVE WATER REDUCING FLOW MATE USA
	Includes 837193	CLIP COLLET LOCKING PIC1808R
	Includes 312198	ADAPTOR TAP-TUBE 1/4" OD X 7/16"-24 UNS
33	836857	TUBE FILTER WATER 1/4" OD WHITE 4m
34	836855	HEAD FILTER WATER
35	836848	CARTRIDGE FILTER WATER
36	836858	VALVE WATER REDUCING FLOW MATE USA
37	312198	ADAPTOR TAP-TUBE 1/4" OD X 7/16"-24 UNS
38	817864	SUCTION & CAPILLARY ASSY 790B RC

NOTES

REFRIGERATION ABBREVIATION KEY

10W	10 WATTS
12V	12 VOLTS
BC	BUTTER CONDITIONER
BS	"B" SERIES CABINET
CH	
	CHARCOAL COLOUR
DC	DIRECT CURRENT
DF	DEFROST
DK GY	DARK GREY
F&P	FISHER & PAYKEL
FC	FREEZER COMPARTMENT
GL	GLASS
HC	HUMIDITY COMPARTMENT
HCL	HUMIDITY CONTROL LID
HS	HOT STAMPED
1 & W	ICE & WATER
LH	LEFT HAND
LHB	LEFT HAND BOTTOM
LHT	LEFT HAND TOP
LT GY / LG	LIGHT GREY
M5	5 MILLIMETER
MD GY	MID GREY
PC	PROVISION COMPARTMENT
PUSHIN	PUSHIN TYPE GASKET
RH	RIGHT HAND
RHB	RIGHT HAND BOTTOM
RHT	RIGHT HAND TOP
SA or S/STONE	SANDSTONE COLOUR
SATIN OR SC	SATIN CHROME FINISH
SL or SIL	SILVER
SML	SMALL
SS	STAINLESS STEEL
X/RAIL	CROSS RAIL
XH9	TYPE OF DESSICANT WITHIN A FILTER DRIER