

PARTS MANUAL

Refrigerator Freezer

E331TLT3 FP AA

Product Code
24230-C

AA

Fisher & Paykel

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INTRODUCTION

BRAND	VOLTAGE	MODEL	PRODUCT CODE
Fisher & Paykel	230-240 50Hz	E381TLT3 FP AA	24230-C

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 these 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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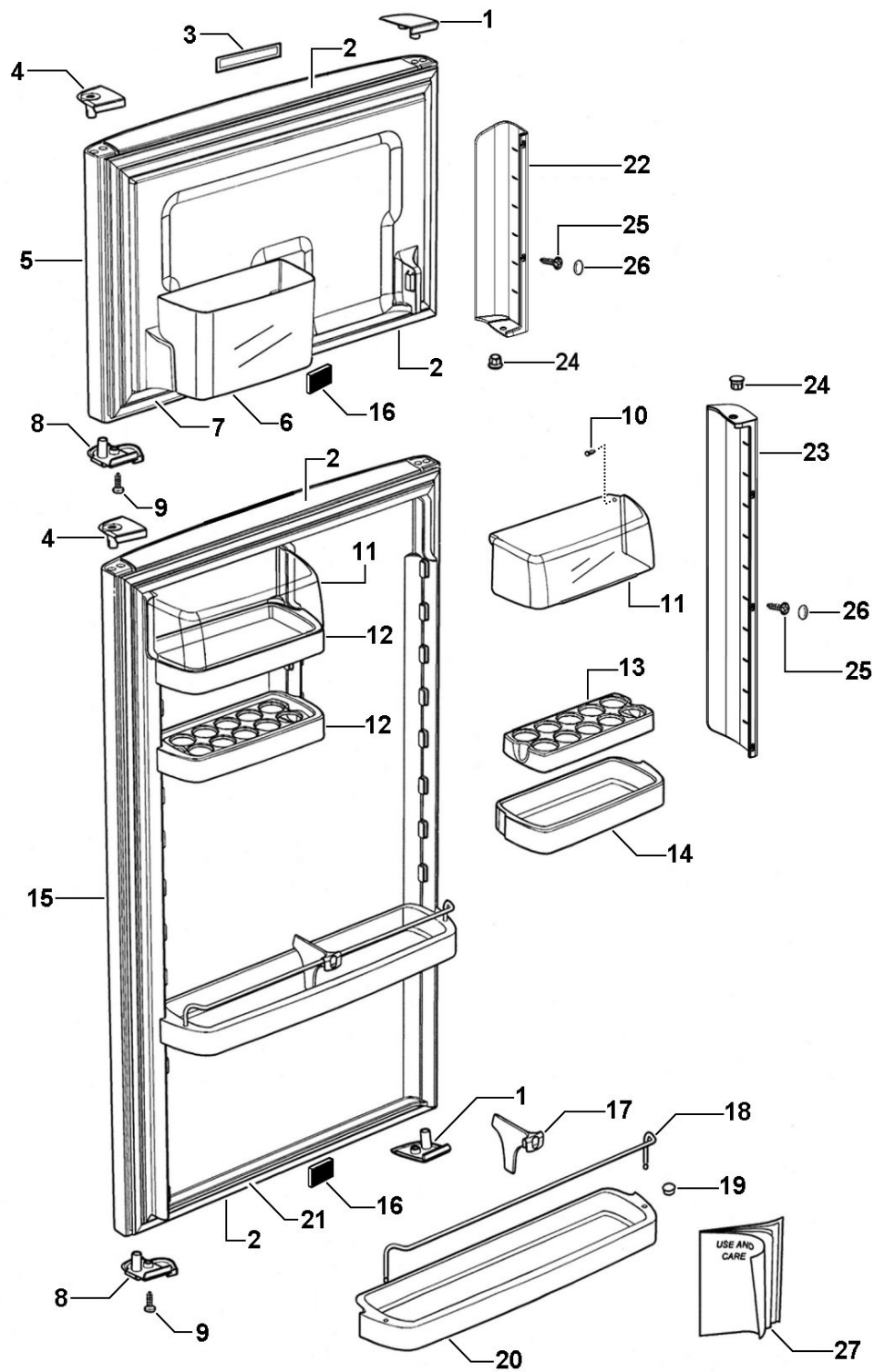
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DOOR COMPONENTS

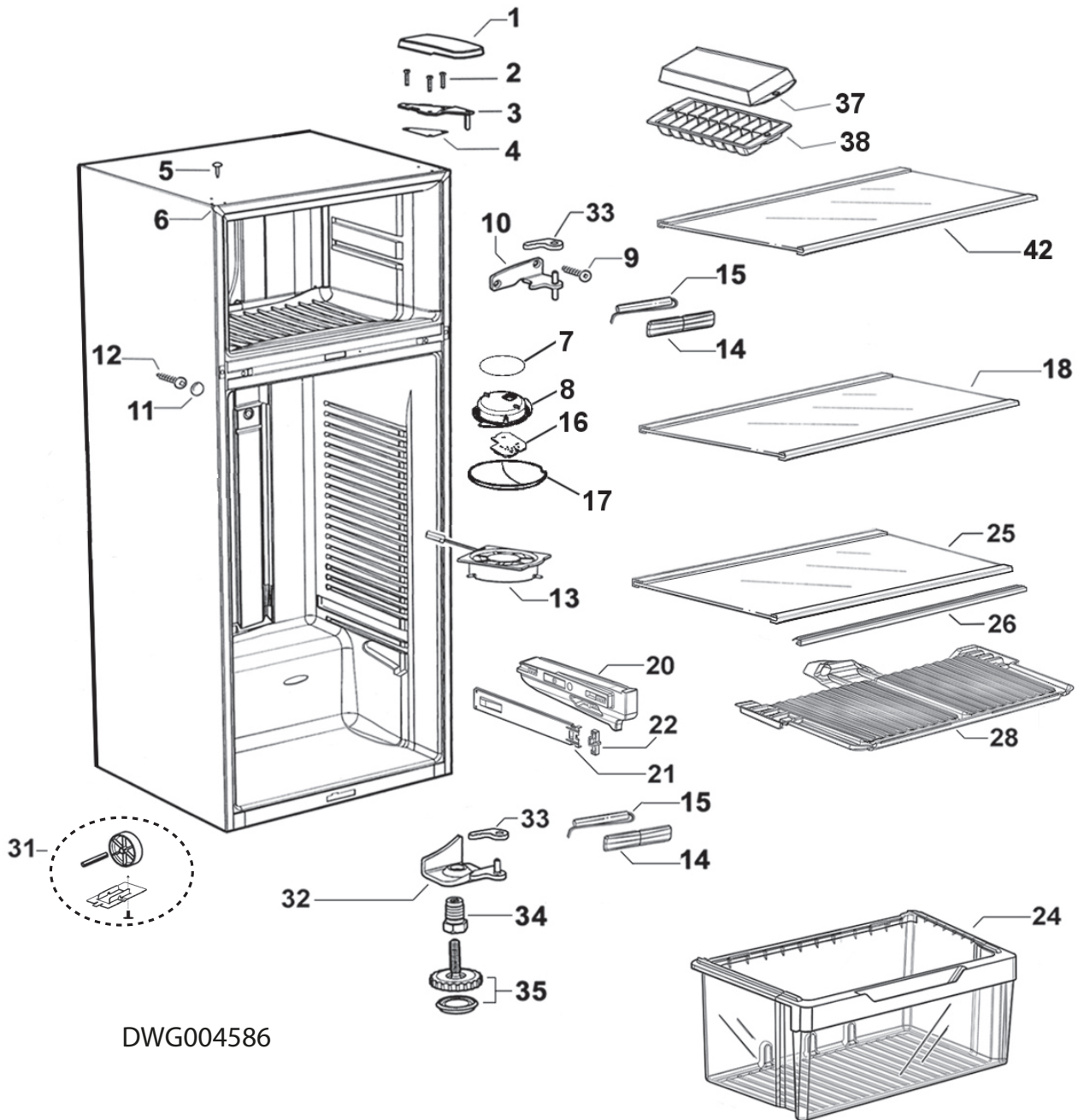


DWG002734 MAY 2012

DOOR COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
1	883715P	COVER HGE DR RHT/LHB WH LIP 635
	883716P	COVER HGE DR LHT/RHB WH LIP 635
2	883670	CAP DOOR END OUTER WH 635
3	836790	NAMEPLATE F&P ELEG/TASMAN
4	883659P	BEARING HINGE LH WH LIP 635
5	837419P	DOOR FC 635X443 C WH T
	Includes 883670	CAP DOOR END OUTER WH 635 (2)
	Includes 883315	MAGNET DOOR SWITCH ST4
6	876507	BIN DOOR FC 'T' 635,680
7	837520P	GASKET FRAME E331T FC
8	881454P	BEARING DR CLOSING LH WH
9	817825P	SCREW #8X22 WAFER PH ST TV (PKT 10)
10	NOT USED	ITEM NOT USED IN THIS MODEL
11	315017	KIT COVER DOOR SHELF 635
	Includes 876503	COVER DOOR SHELF CLEAR LH
	Includes 876504	COVER DOOR SHELF CLEAR RH
12	874973	SHELF DOOR SML LH 635 WHITE
13	876719	SHELF EGG RACK 635
14	874974	SHELF DOOR SML RH 635 WHITE
15	837418P	DOOR PC 635X1100 C WH T
	Includes 883670	CAP DOOR END OUTER WH 635 (2)
	Includes 883315	MAGNET DOOR SWITCH ST4
16	883315	MAGNET DOOR SWITCH ST4
17	883121	DIVIDER B/RAIL WHITE
18	818849	RAIL BOTTLE SUPPORT 635 SL
19	876281P	PLUG DOOR SHELF WHITE (PKT 2)
20	883941	SHELF DOOR LGE 635 WHITE
21	837514P	GASKET FRAME E381T PC
22	820828P	HANDLE TAS SHORT LH WH RHB/LHT
23	820826P	HANDLE TAS LONG LH WH LHB/RHT
24	880581	PLUG HANDLE WHITE
25	817816P	SCREW #6X12 AB TRUSS PH ST TV (PKT 10)
26	881075P	CAP HANDLE SCREW WHITE (PKT 3)
27	837372	BOOKLET U&C NONIW NZ/AU/UK/IE

CABINET COMPONENTS

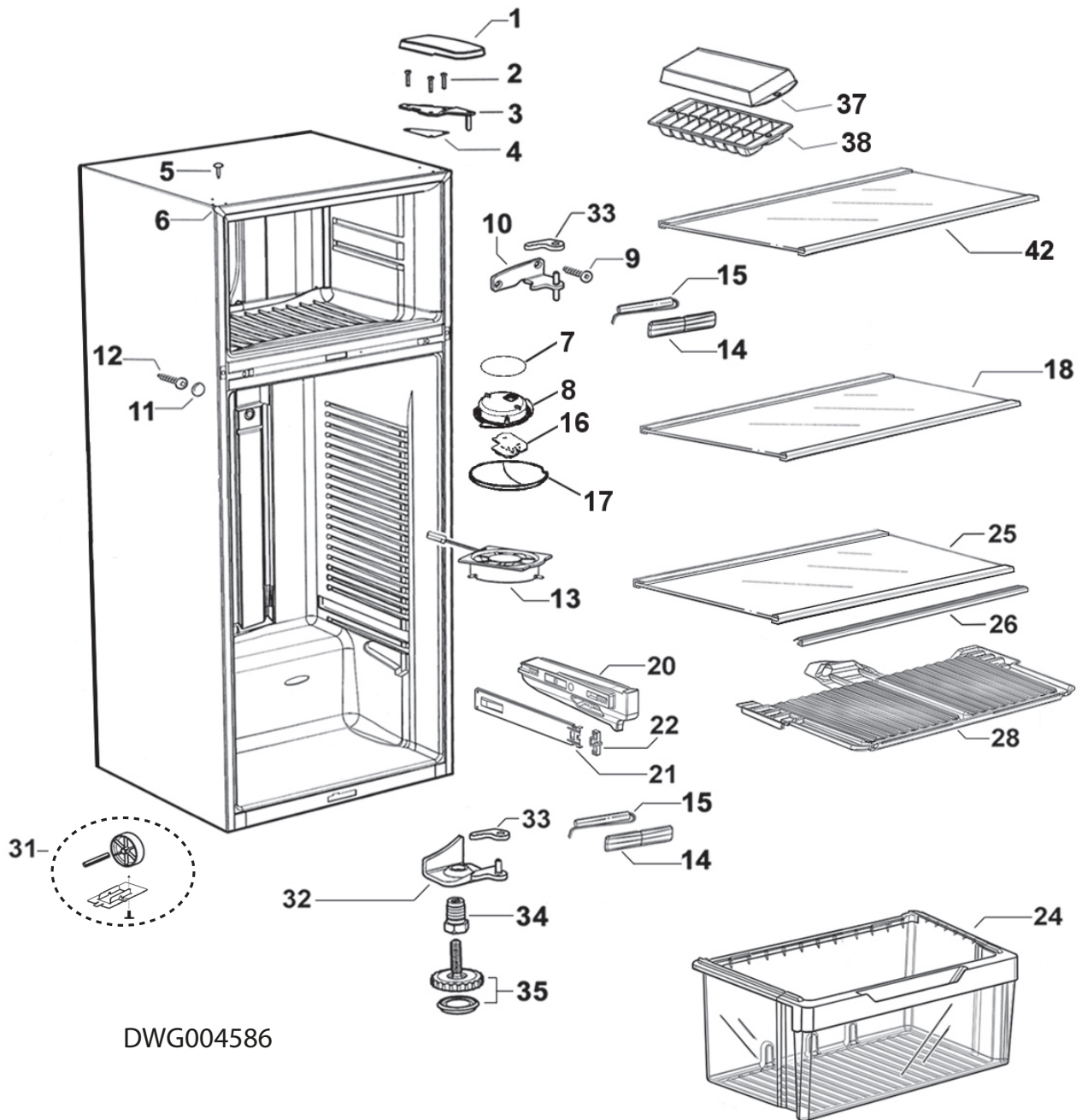


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CABINET COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
1	880490	COVER TOP HINGE WHITE
2	817818P	SCREW M5X20 HEX PH ST TV (PKT 10)
3	880526P	BRACKET TOP HINGE ASSY
4	882355	GASKET TOP HINGE
5	881131P	PLUG TAPPED HOLE WHITE (PKT 3)
6	871504	TRIM CORNER WHITE
7	873394	GASKET FOAM LIGHT
8	820733	HOUSING SINGLE LED
9	880656P	SCREW 10GX25CSK SQ SS (PKT 10)
10	881286P	BRACKET CTR HINGE LH (PKD)
	Includes 883989	CAP DOOR CLOSING LH HGE BRKT G
11	880595P	CAP SCREW CROSS RAIL WHITE
12	817822P	SCREW #10X19 AB #2 SQ TV (PKT 10)
13	821183P	PC 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
14	881420	COVER REED SWITCH ST4 WHITE
15	814443P	SWITCH REED FIELD FIX KIT ST4
	Includes	HEATSHRINK 1/8" MW ADHESIVE LINED
16	845008P	MOD LAMP AS SMALL SVC
17	875318	COVER LAMP PC
18	818557	SHELF GL PC 635 ASSY WH PLAST
	Includes	SHELF GLASS PC 635
	Includes	TRIM SHELF PLASTIC PC
	Includes	STIFFENER SHELF PC PLASTIC
20	836620	RETAINER SLIDE PC T RH ASSY
	836621	RETAINER SLIDE PC T LH ASSY
21	836700	SLIDE 300 RH ASSEMBLY RC
	Includes 836520	CLIP SLIDE
	836701	SLIDE 300 LH ASSEMBLY RC
	Includes 836520	CLIP SLIDE

CABINET COMPONENTS

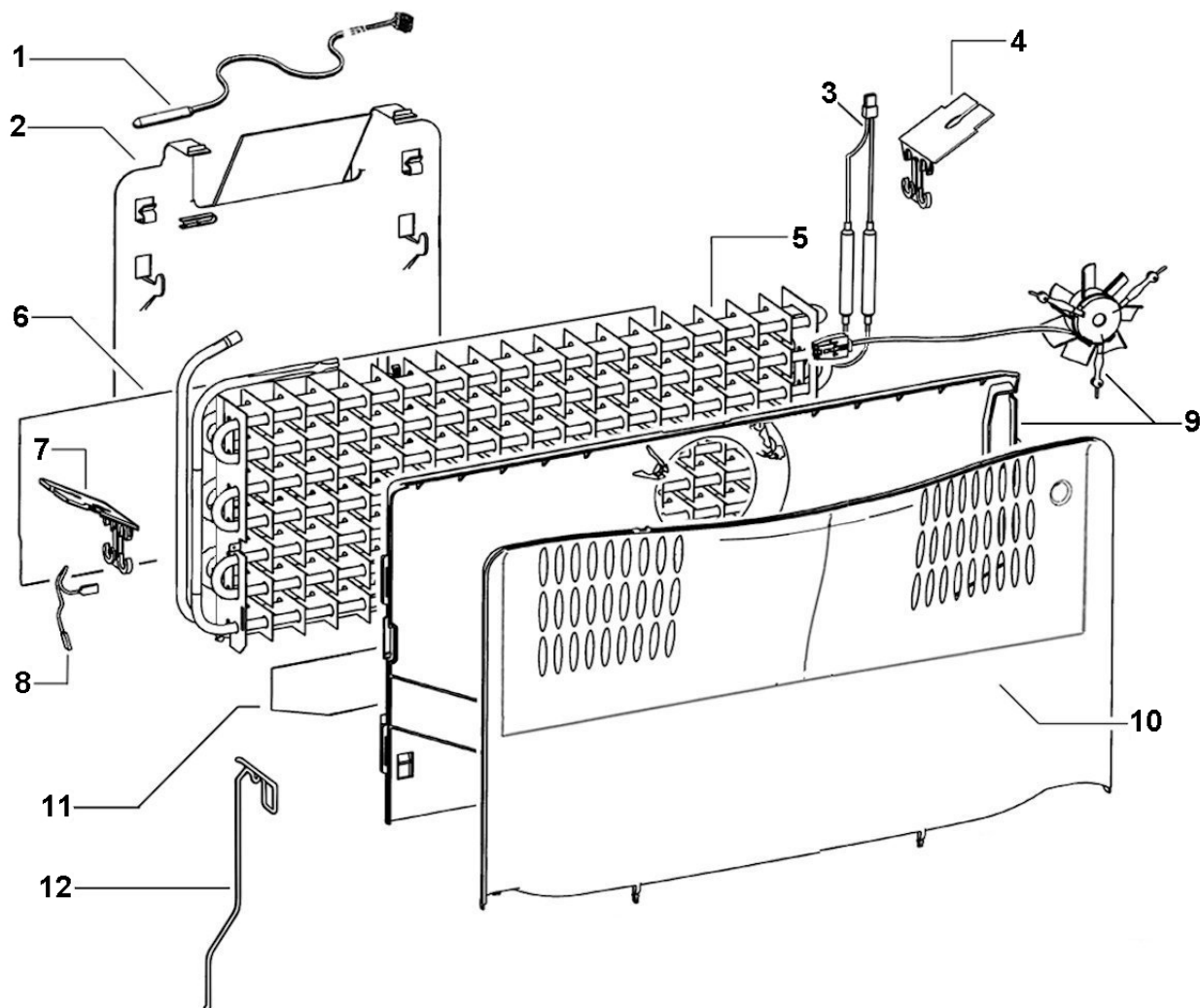


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CABINET COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
22	836520P	CLIP SLIDE (PKT 2)
24	836659	BIN LARGE 635 ASSEMBLY
	Includes	HANDLE BIN LARGE
25	836668	SHELF GL HCL 635T ASSY
	Includes	SHELF GLASS HCL T 635
	Includes	STIFFENER SHELF PC PLASTIC
	Includes	TRIM SHELF PLASTIC PC
	Includes 836822	RETAINER HCL TASMAN 635
26	836822	RETAINER HCL TASMAN 635
28	836730	LID HUMIDITY CONTROL 635T
31	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
32	818612P	BRACKET HINGE BASE LH (PKD)
	Includes 883989	CAP DOOR CLOSING LH HGE BRKT G
33	883989P	CAP DOOR CLOSING LH HGE BRKT G
34	813481	BOLT BLIND END HINGE BRACKET
35	818535	WHEEL LEVELLING FOOT ASSEMBLY
	Includes	WHEEL LEVELLING FOOT
	Includes	BASE LEVELLING FOOT
37	874108	TRAY ICE LID
38	874107	TRAY ICE BASE
42	814915	SHELF GL FC 635T ASSY WH
	Includes	SHELF GLASS FC 635
	Includes	TRIM SHELF PLASTIC FC
	Includes	STIFFENER SHELF FC PLASTIC

FAN, COVERS AND EVAPORATOR COMPONENTS



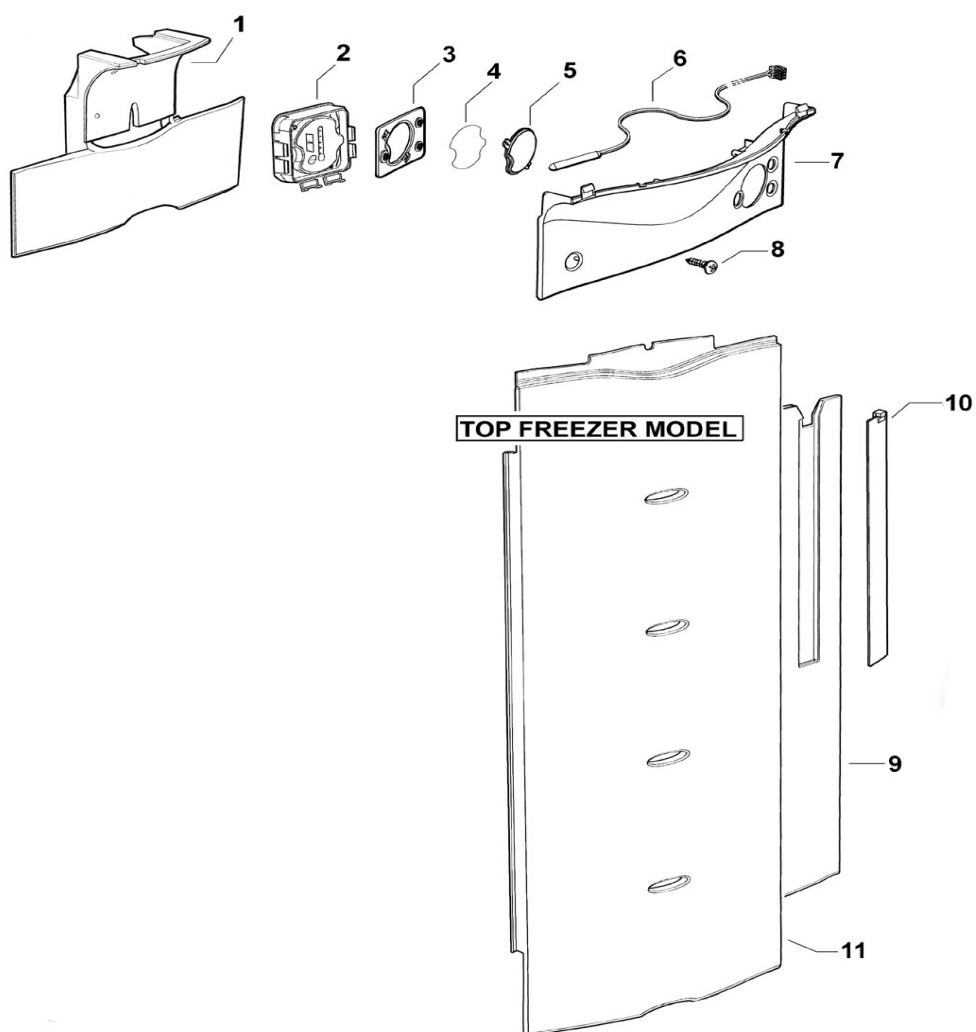
DWG003275 FEBRUARY 2014

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FAN, COVERS AND EVAPORATOR COMPONENTS

REFERENCE	PART NUMBER	PART DESCRIPTION
1	855203P	SENSOR KIT ASSY ACTV SM
	Includes	HEATSHRINK 25MM
	Includes	HARNESS SENSOR PC
	Includes	CONNECTOR BUTT (2)
	Includes	SHEET INSTRUCTN BUTT CONNECTORS
2	813991	CHASSIS EVAP T
3	821875P	HEATER DEFROST DBLE 230V 635
4	820604	CLIP EVAP BAFFLE
5	837333P	EVAP ASSY 635T 230V DP
	Includes	EVAPORATOR FINNED 635 R600A
	Includes 821875P	HEATER DEFROST DBLE 230V 635
	Includes 813992	CLIP ACTIVE SMART BAFFLE
	Includes 820604	CLIP EVAP BAFFLE
	Includes 813991	CHASSIS EVAP T
	Includes 814698	SHIELD EVAP 635T CHASSIS
	Includes 814460	HARNESS EARTH 100MM
6	814698	SHIELD EVAP 635T CHASSIS
7	813992	CLIP ACTIVE SMART BAFFLE
8	814460	HARNESS EARTH 100MM
9	306094P	FAN FC KIT 635 SERIES A TO D
	Includes	COVER FC REAR 635
	Includes 880409	COVER HEAT SHIELD ALUM 635 P42
	Includes	FAN SUSPENDED FC ASSY
	Includes	LABEL WARNING 12 VOLT DC
	Includes	CONNECTOR IDC UP2 (2)
10	873399	COVER FAN FC FRONT E625 T MODEL
11	880409P	COVER HEAT SHIELD ALUM 635 P42
12	821179	WIRE DRAIN HEATER DOUBLE T

ELECTRONIC MODULE AND DUCT COVERS

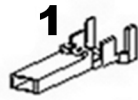


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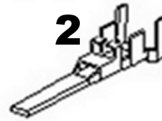
ELECTRONIC MODULE AND DUCT COVERS

REFERENCE	PART NUMBER	PART DESCRIPTION
1	880759	INSULATN COVR DUCT TOP T&H MODL
2	814321P	DISPLAY P42 ST4 SVC ROHS
3	880779	GASKET DISPLAY MODULE
4	883448	INSERT GRAPHICS DISPLAY
5	883449	LENS CLEAR-DISPLAY MODULE
6	855203P	SENSOR KIT ASSY ACTV SM
	Includes	HEATSHRINK 25MM
	Includes	HARNESS SENSOR PC
	Includes	CONNECTOR BUTT (2)
	Includes	SHEET INSTRUCTN BUTT CONNECTORS
7	836765	COVER DUCT TOP PC T
8	817817P	SCREW 8X12 SP PAN NIB ST TV (PKT 10)
9	881013	INSULATION COVER DUCT MED T
10	814917	HEATER PCB LOW AMB T MOD RC
11	877877	COVER DUCT PC MED T

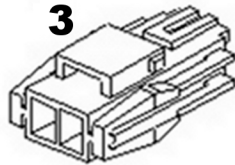
TERMINAL, PLUGS & SOCKETS



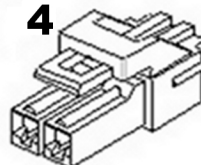
JST SOCKET TERMINAL



JST PIN TERMINAL



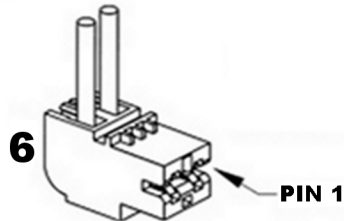
JST SOCKET



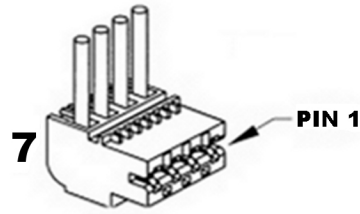
JST PLUG



JST RETAINER

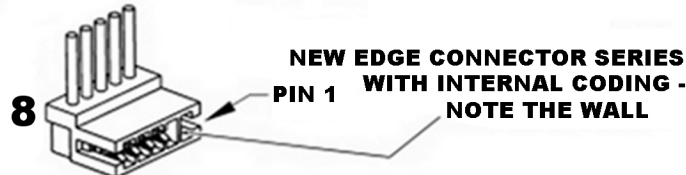


RAST CONNECTOR



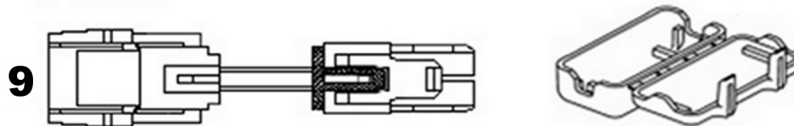
RAST CONNECTOR

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.

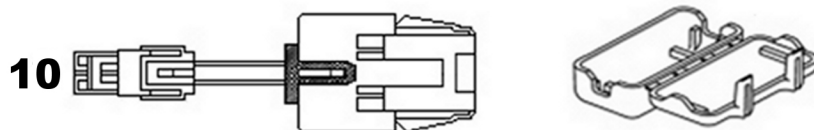


RAST CONNECTOR

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

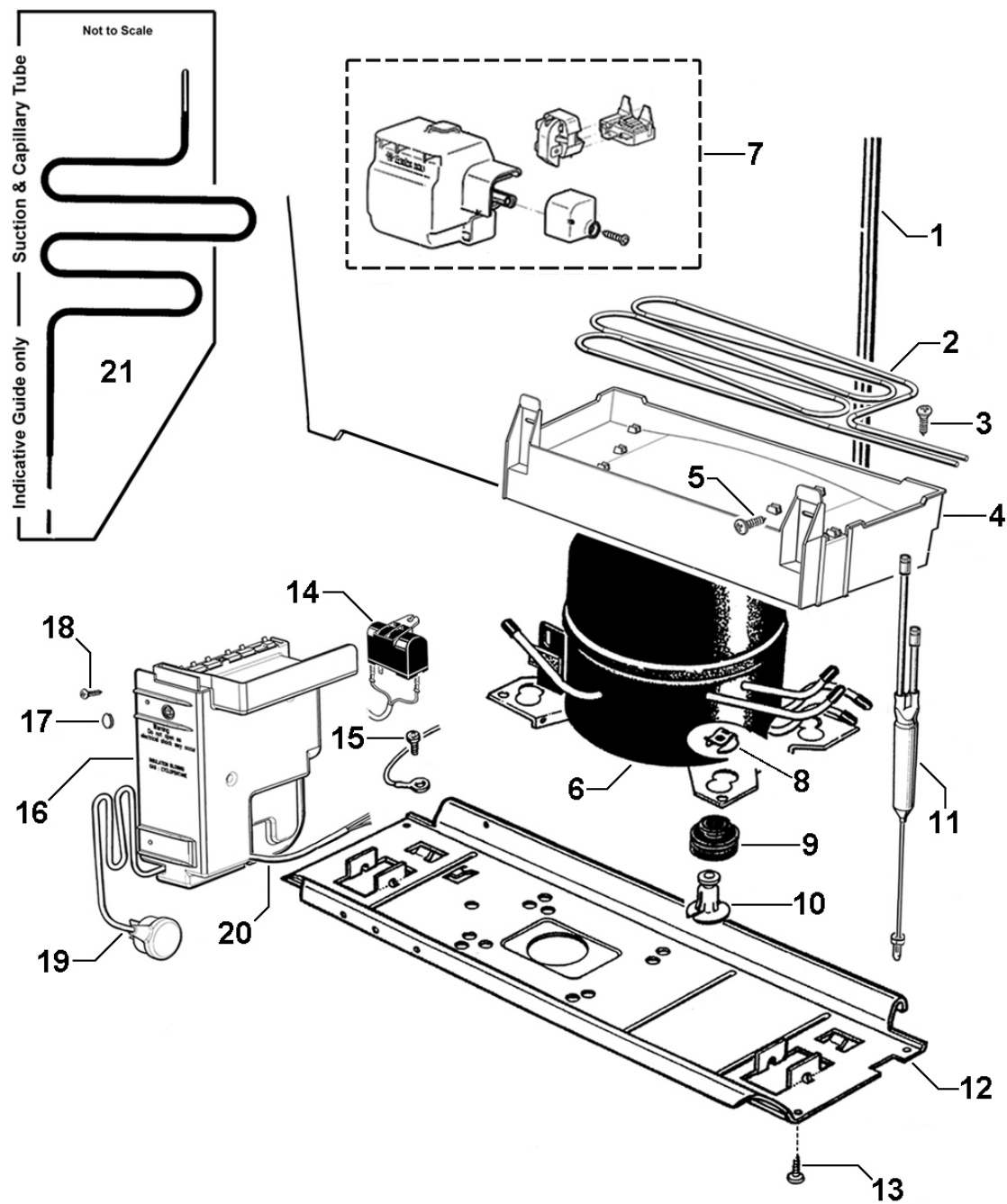
DWG002630 FEBRUARY 2012

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, ANCILLARY COMPONENTS & CONTROL MODULE



DWG002763 JUNE 2012

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COMPRESSOR, ANCILLARY COMPONENTS & CONTROL MODULE

REFERENCE	PART NUMBER	PART DESCRIPTION
1	874880	PANEL BACK ASSY N375T, C380B
2	819598	TUBE EVAP TRAY FORMED H/SHRINK
3	815236P	SCREW 12X1/2 TAB CSK PH (PKT 10)
4	820734	TRAY EVAP AS
5	817817P	SCREW 8X16 SP PAN NIB TV (PKT 10)
6	207377P	COMPR JIAX TB1113YL SPARE KIT
	includes	COMPR JIAX TB1113YL 230V
	includes	COMPR ANCILL PARTS TB1113YL
	includes	COVER AND CLAMP JIAXIPERA
	includes	COMBO RELAY-OVERLOAD TB1113YL
	includes 845338	HARNESS COMP 4 CORE SHORT
	includes 845323	CAP 3 UF 450V RAST 5 P2
	includes 845757	GROMMET COMPR MTG 26MM
	includes 841291	POST MT 26MM
	includes 855270	CLIP FOOT COMPRESSOR
	includes 814843	FILTER PREBRAZED LONG T
7	207378P	COMPR ANCILL PARTS TB1113YL
	includes	O/LOAD TB1113YL
	includes	RELAY JIAX TB1113YL
	includes	COVER PROTECTOR TB1113YL
8	855270P	CLIP FOOT COMPRESSOR (PKT 4)
9	843824P	GROMMET 26MMM KIT
10	841291P	POST COMP MTG 26MM PKT X4
11	814843P	FILTER DRIER LONG TAIL XH9 12 GRM
12	814903	TRAY COMP MOUNTING 635
13	817829P	SCREW 8X16 SP PAN NIB TV (PKT 10)
14	814809P	CAPACITOR 4UF 450V RAST5 P2 PKD
15	817828P	SCREW 8-32X8 TY T PAN PH TV (PKT 10)
16	838196P	MOD CNTRL GLTH MT ROHS 220V SV
17	884505	COVER COMMS PORT
18	817829P	SCREW 8X16 SP PAN NIB TV (PKT 10)
19	884336	CORD SET SUPPLY 220-240V ST4.1
20	845338	HARNESS COMP 4 CORE SHORT
21	821151	SUCT & CAP ASSY LONG E381T

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The product specifications in this manual apply to the specific model described at the date of issue. Under our policy of continuous product improvement, these specifications may change at any time. Only use this manual if the product code on the front matches the product code on the serial label of the product.

AA

PRODUCT CODE: 24230-C 10.17