



FRIGIDAIRE

Factory Parts Catalog

Product No.	FPBS2777RF6
Series	Professional
Color	stainless
Volts	115
Wiring Diagram	A02822101
Owner's Guide	808857602
	808868502
Market	North America
Energy Guide	A02022019
Service Data Sheet	A02858901

Frigidaire

P.O. BOX 8020
CHARLOTTE, NC 28262

This catalog replaces 5995674990

Publication No.

5995702023

16/04/27

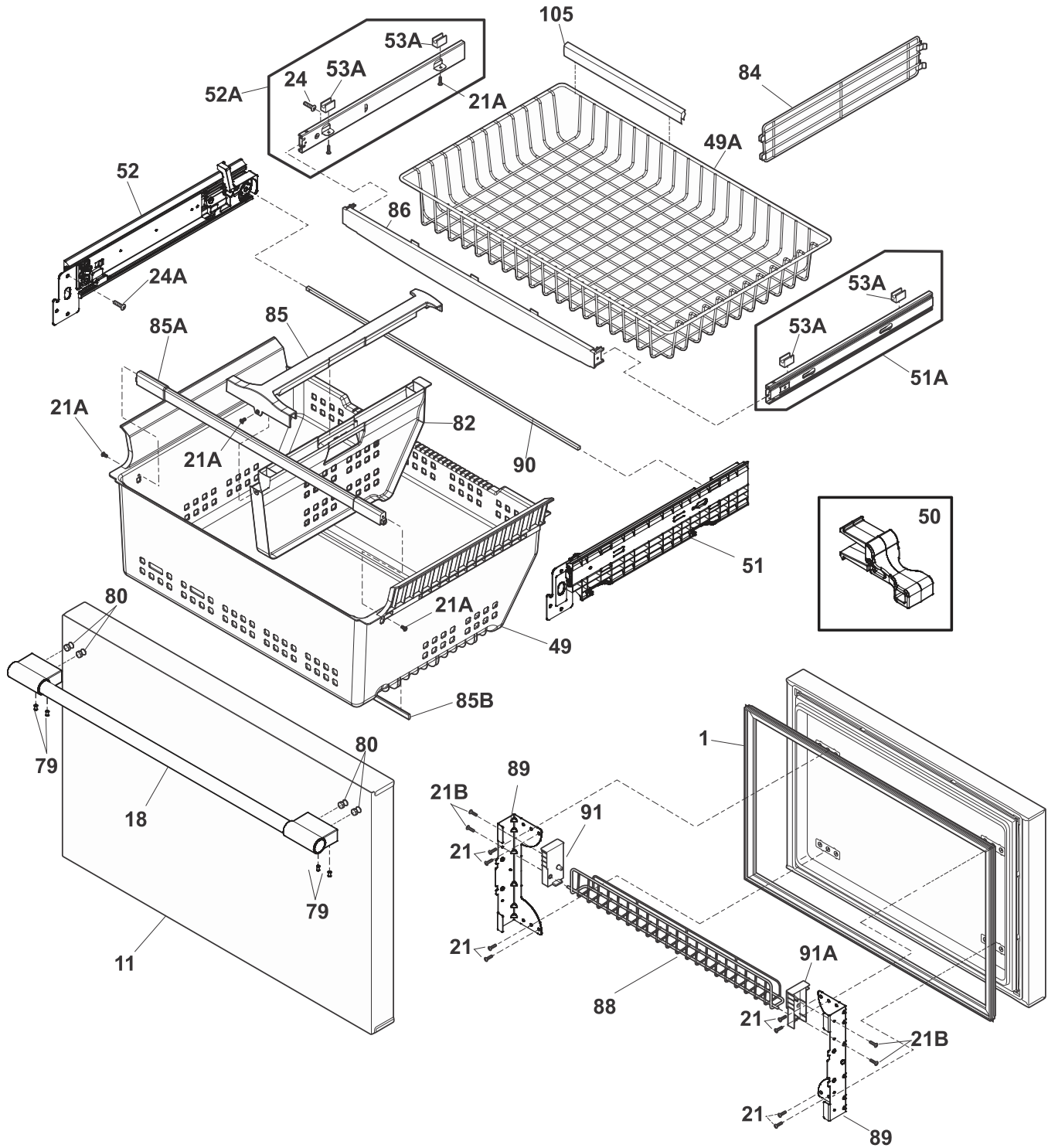
(EN/SERVICE/CW)

137

FRENCH DOOR BOTTOM FREEZER/REFRIGERATOR W/DISPENSER

Model No.
FPBS2777R

FREEZER DRAWER, BASKETS

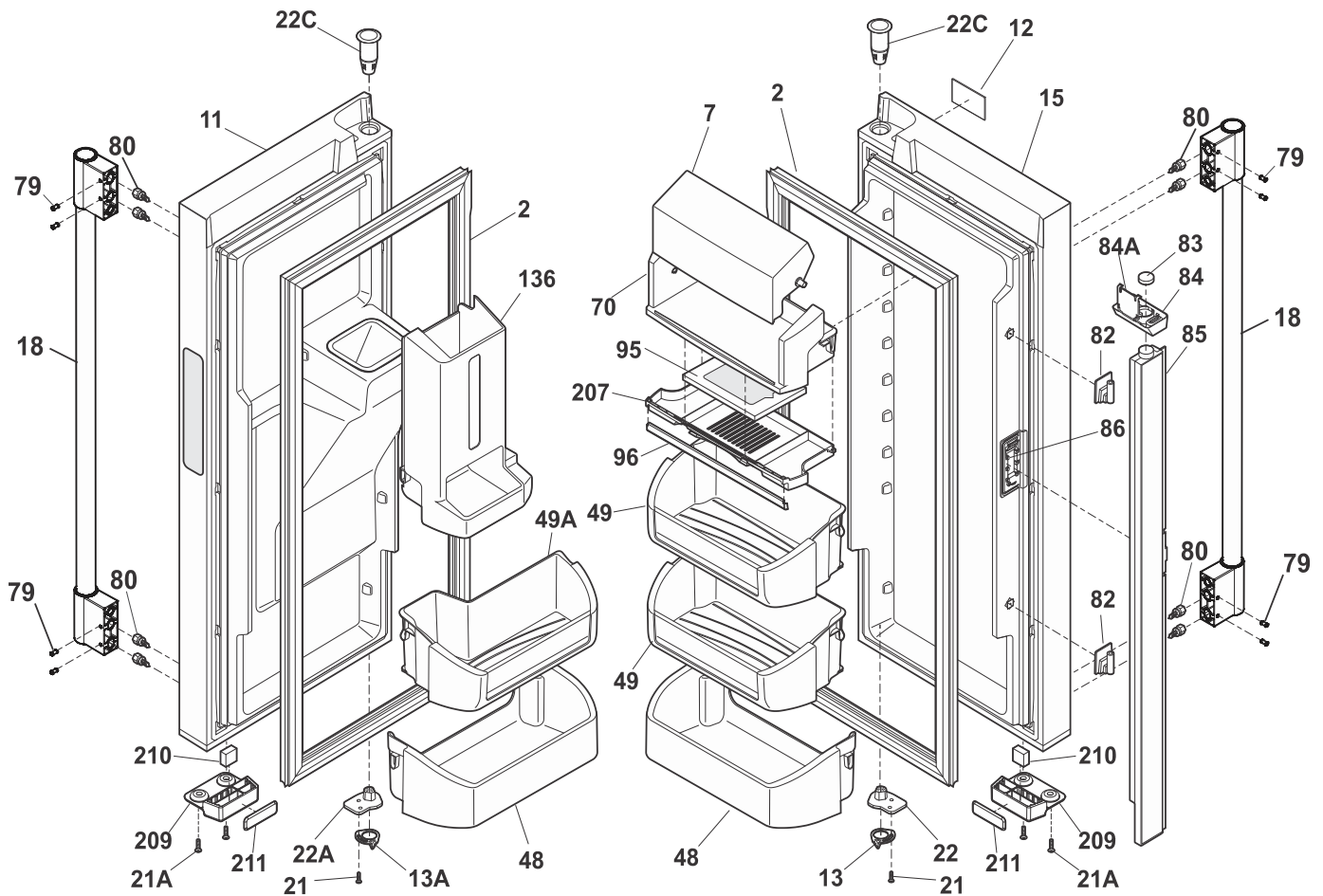


FDFPBS2777RF0

FREEZER DRAWER, BASKETS

POS. NO	PART NO.	DESCRIPTION
1	5304501270	Gasket, freezer drawer, grey
11	241987939	Drawer, stainless, freezer
18	5304501174	Handle Assembly, stainless, w/set screws
21	241690602	Screw, quadrex, #10-16 Hilo
21A	241953902	Screw, #8 - 18 X .380
21B	242015001	Screw, 8-18 X 1/2
24	240383406	Screw, truss hd quad, #10-16 x .500, zinc
24A	240383412	Screw, truss hd quad, #10-16 x .750, zinc
49	5304503704	Basket-frzr, lower
49A	241780825	Basket-frzr, upper
50	5304501271	Clip, freezer basket
51	5303918727	Slide Assembly, lower basket, RH, w/pinion
51*	242039702	Screw, shoulder, #10-16, (2)
51A	241894229	Slide Assembly, basket, RH, freezer drawer
51A*	242039701	Screw, basket slides
52	5303918726	Slide Assembly, lower basket, LH, w/pinion
52A	241894230	Slide Assembly, basket, LH, freezer drawer
53A	242216301	Retainer-basket
79	218755407	Screw-set, 10-32 x 0.500
79*	241601001	Wrench, allen
80	218755504	Screw, shoulder, #10-AB, handle mounting
82	242131301	Divider, basket
84	241780909	Divider, basket, upper
85	242130901	Hanger, basket, lower
85*	242139201	Spring-compression, divider, lower basket
85A	242139301	Support-Beam, divider, lower basket
85B	241872203	Support-Beam
86	241807605	Trim, drawer, stabilizer
86*	242011101	Pin-lock
88	241824008	Rack-non-tilt out, door
89	5304501269	Bracket, freezer drawer, (2)
90	242136901	Bar-timing
90*	241953908	Screw, quad hilo, #8-18
91	241824102	Cap-door rack
91A	241824101	Cap, door rack, white
105	242116801	Trim-basket
*	242146401	Screw, ser hex wash hd, 1/4-20 x 5/8, (4)
*	241953901	Screw, quad hilo, #8-18, (2)

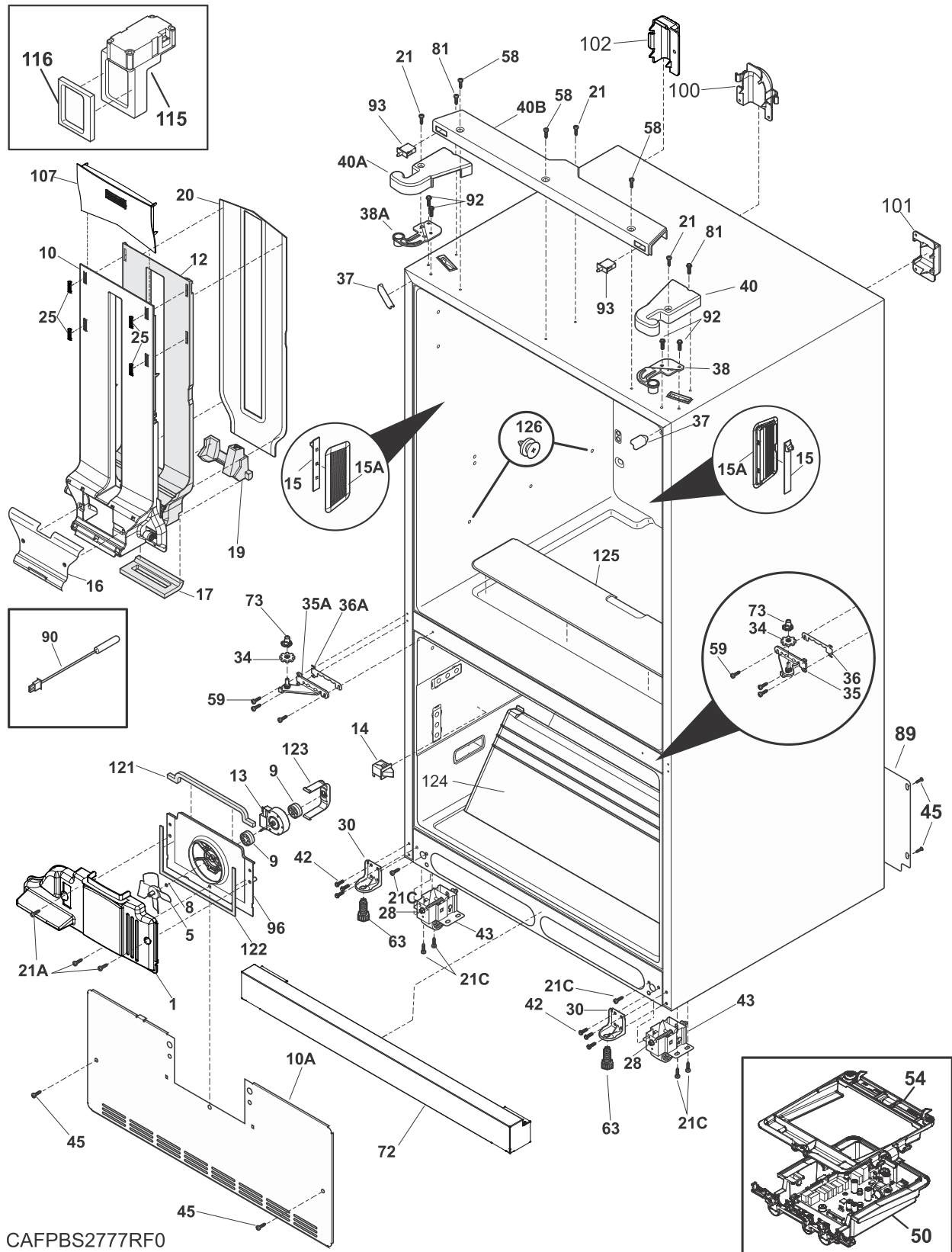
FRESH FOOD DOOR



FFFPBS2777RF0

FRESH FOOD DOOR

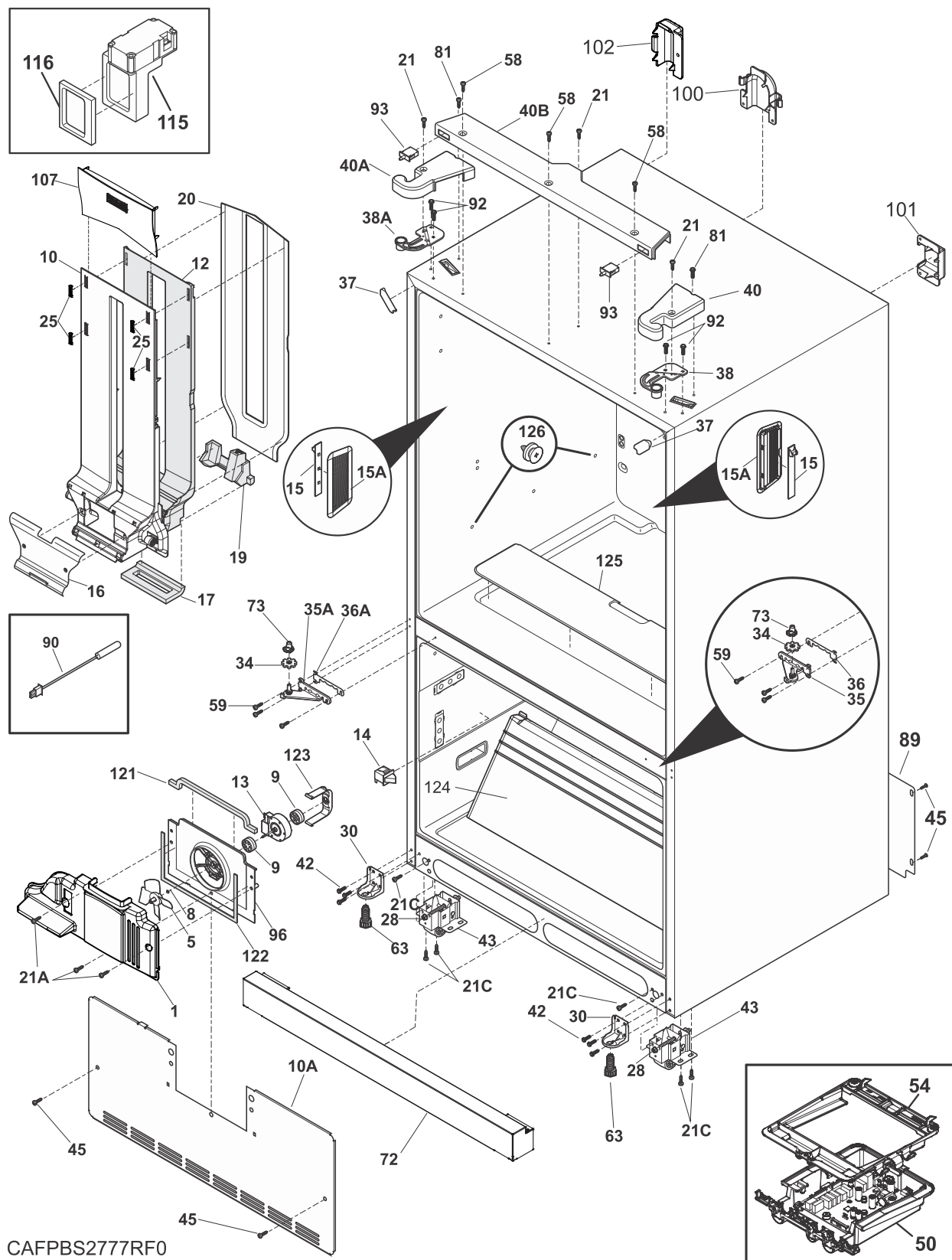
POS. NO	PART NO.	DESCRIPTION
2 #	241778307	Gasket-refr door, gray, magnetic
7	242011401	Door-dairy, removable
11	242185652	Door-refr, stainless, LH
12	809108701	Nameplate, frig pro
13	241868401	Door Stop, refrig RH, plated
13A	241868402	Door Stop, refrig LH, plated
15	242185651	Door-refr, stainless, RH
18	5304501174	Handle Assembly, stainless, w/set screws
21	242017501	Screw, 10-32 x 0.750
21A	240363402	Screw, plask, #8-18 x .500
22	242075601	Cam, upper hinge, RH
22A	242075602	Cam, upper hinge, LH
22C	241760401	Bearing, hinge, top
48	242071401	Bin-door, pseudo, white
49	242037201	Bin-door, gallon
49*	242012202	Liner-door bin, gallon
49A	242037202	Bin-door, 2-liter
49A*	242012002	Liner-door bin, 2-liter
70	241804604	Compartment-dairy, removable
79	218755407	Screw-set, 10-32 x 0.500
79*	241601001	Wrench, allen
80	218755504	Screw, shoulder, #10-AB, handle mounting
82	241779401	Hinge-mullion, upper/lower, flipper
83	241812202	Magnet, door
84	808274201	Guide-mullion, magnet cover, flipper
84A	242190501	Cover-mullion, magnet cover
85	241778811	Flipper mullion assembly, w/heater
85*	242068601	Bumper, flipper mullion
85*#	240451503	Screw, ind hex wshr hd, 8-32 x 0.375, trilobe
85*#	241788401	Harness-wiring, flipper mullion
86	241779801	Hinge-mullion, center, flipper
95	242047801	Filter, air
96	242048005	Door-air filter
136	242071501	Dispenser-can, white
207	242047901	Housing-air filter
209	242291001	Housing, magnet, white
210	241779101	Magnet, door
211	241979601	Bumper, rubber, white
*	242015001	Screw, 8-18 X 1/2
*	242103001	Connector-water, straight, 5/16 to 5/16
* #	242040806	Harness-wiring, door
* #	5304501175	Harness, wiring, dispenser, to watson cntl.

CABINET

CABINET

POS. NO	PART NO.	DESCRIPTION
1	5304503130	Cover, evaporator fan
1*	241860111	Gasket-evap, bottom
1*	241860112	Gasket-evap, upper
5 #	5308000010	Fan Blade, red, evaporator fan
8	215474201	Washer, "slinger", nylon, evap fan shaft
9	241518301	Bushing, motor mounting
10	242072003	Cover-air duct, silver
10*	242004802	Foam Strip
10A	241860402	Cover-evap coil, lower
10A*	241860104	Gasket-coil cover
10A*	241860105	Gasket-coil cover
12	242072401	Insulation-air duct
13 #	241509402	Motor, evaporator fan
14 #	242060202	Switch-light/lamp, frzr door
15	242196204	Light Board, 3 LED cluster
15*#	807999001	Harness, wiring, freezer, LED main
15A	242202701	Lens, 3 LED cluster
16	242072101	Cover-damper
16*	240383407	Screw, truss hd quad, #10-16 x .500, white
16*	241953904	Screw, #8-18
16*	242072501	Cover-EPS, damper
17	241928201	Gasket-air duct
19	242072601	Support-EPS damper
20	242072201	Cover-air duct, rear
21	241732101	Screw, 10-32 x 1/2
21A	242015001	Screw, 8-18 X 1/2
21C	218252201	Screw, #8 truss hd, 10-32CA x 0.500
25	241949503	Clip, air vent, grey
28	240335502	Bolt-roller adj, hex washer head, 1/4-20 x 4.020, (2), special
30	241778701	Bracket-anti tip
34	241868301	Washer, hinge, nylon, (2)
35	241767211	Hinge-lower, zinc, RH
35A	241767212	Hinge-lower, zinc, LH
36	241868201	Spacer, door, lower RH
36A	241868202	Spacer, door, lower LH
37	242161206	Trim-cabinet corner, gray, (2)
38	241761301	Bracket-upper hinge, RH
38A	241761302	Bracket-upper hinge, LH
40	241778009	Cover-upper hinge, grey, RH
40A	241778010	Cover-upper hinge, grey, LH
40B	241862405	Cover-upper hinge, grey, center
40B*	218515401	Clip-grille
42	240578902	Screw, hex head, 1/4-20 x 5/8
43	240335005	Roller Assy, adjustable, front, (2)
45	241500303	Screw, hex washer head, 8-18AB x 1/2
50 #	5304502750	Board-main power
54	807854301	Support, housing, main board
58	241853202	Screw
59	240442706	Screw-#10-32 X 3/4, zinc
63	216396900	Screw, leveling foot, plastic, adjustable
72	5304501186	Toe Grille Assembly, stainless, w/rubber trim

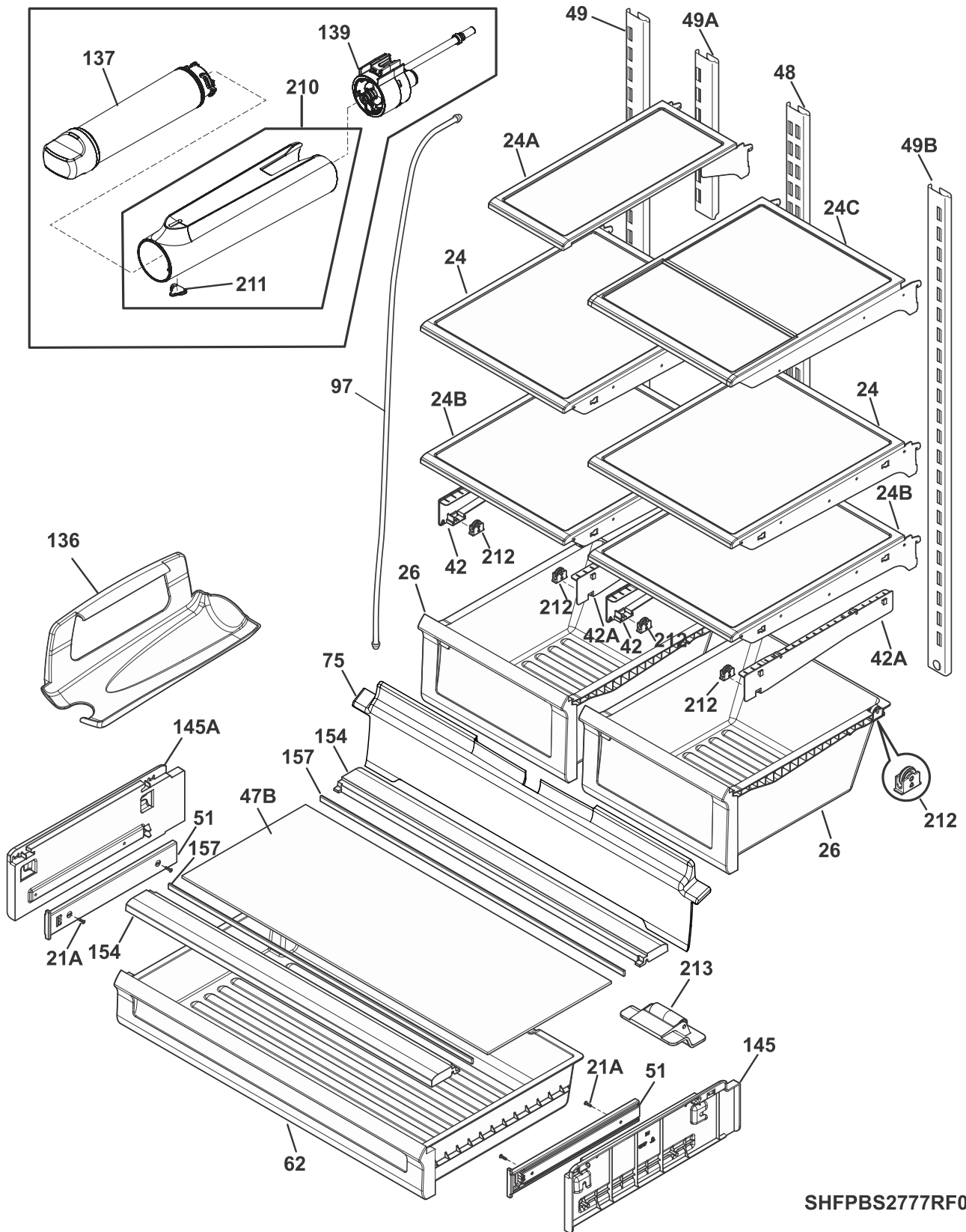
CABINET



CABINET

POS. NO	PART NO.	DESCRIPTION
73	242075701	Cam-lower hinge
81	242025601	Screw, hex head, #10-32 x 3/8
89	241733902	Cover-access, w/label
90	240597203	Sensor, temperature, 10K, NTC
90*	241842301	Cap-thermistor
90*	241953902	Screw, #8 - 18 X .380
90*	241969001	Cap, screw
92	241710601	Screw, hex washer hd, 1/4 x 7/8, hinge mtg
93 #	241835505	Switch-light, grey
93*#	242015904	Harness-wiring
96	241860601	Shroud-evap fan mtg
100	242157601	Cover, tubing, eps block
101	242157801	Cover, tubing, eps block
102	242157501	Cover, tubing, eps block
107	5303918728	Duct Assembly, top air, w/badge
115	241518501	Damper, motorized
116	241518601	Seal-damper, foam
121	241860103	Gasket-evap, upper
122	241860102	Gasket-evap, bottom
123	242135301	Clip, evap fan motor, evap fan motor
124	242006902	Duct-air, freezer
125	242071201	Cover, sump
126	242081301	Screw-shoulder
*	218362501	Screw, hex washer head, 8-18AB x 1.250, spacer, (2)
*	241695904	Screw
*	241953901	Screw, quad hilo, #8-18, (2)
*	5304455650	Screw, hex washer head, 8-15A x 0.625, Low Profile

SHELVES

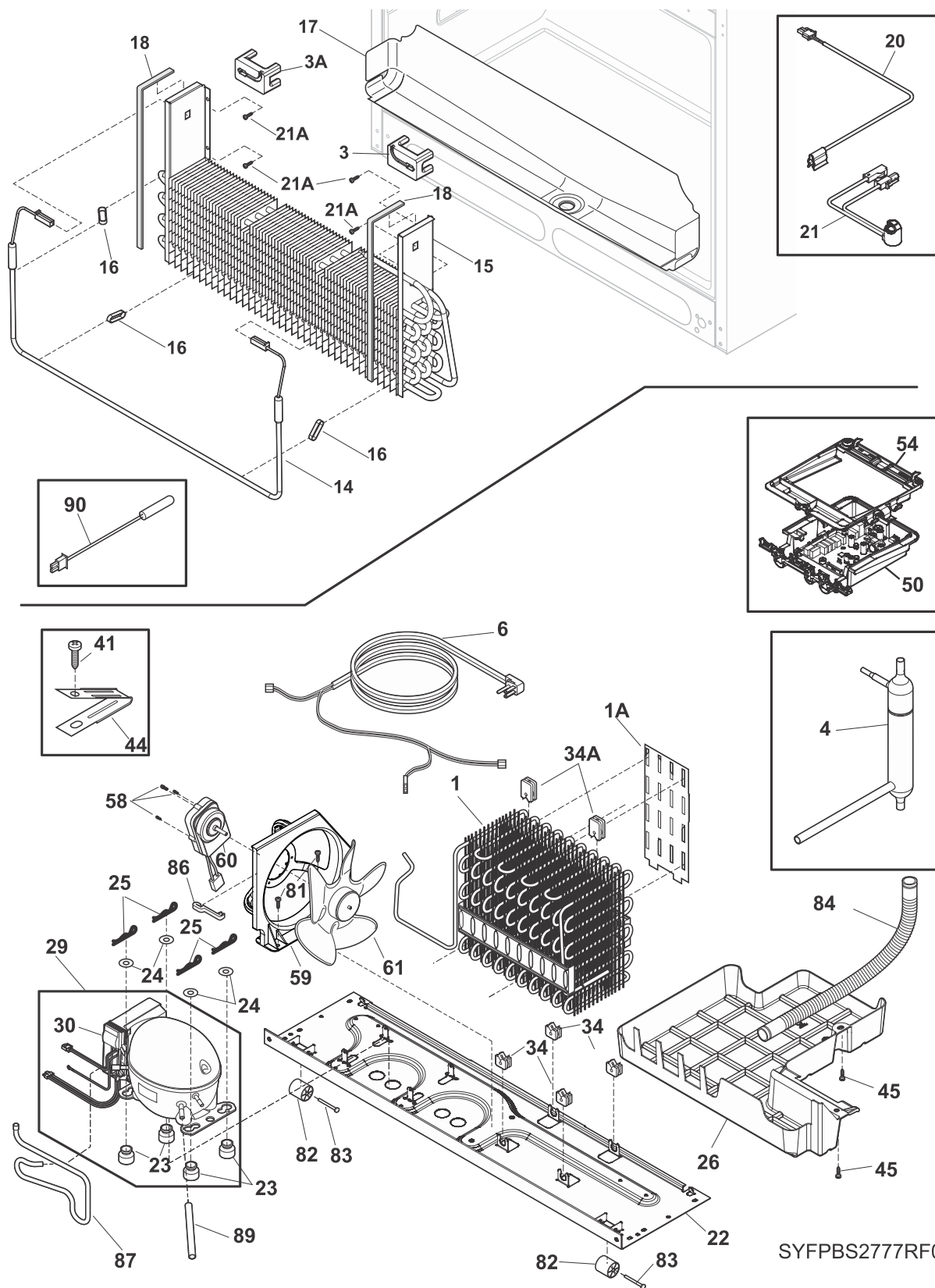


SHFPBS2777RF0

SHELVES

POS. NO	PART NO.	DESCRIPTION
21A	241953902	Screw, #8 - 18 X .380
24	242068701	Shelf-"Spill-Safe", cantilever, sliding
24A	242200501	Shelf-"Spill-Safe", cantilever, 1/4 width, flip up
24B	242068703	Shelf-"Spill-Safe", fixed
24C	242235501	Shelf-"Spill-Safe", cantilever, half width, slide under
24C*	5304501542	Seal, air, half shelf
26	241801812	Pan-crisper, (2)
26*	241695904	Screw
42	242067901	Support, crspr pan rolle
42*	241953901	Screw, quad hilo, #8-18, (2)
42A	242067801	Support, crspr pan rolle
47B	242082303	Glass, deli cover
48	242122101	Channel-shelf mtg, center
49	242122202	Channel-shelf mtg, side, LH
49A	242122001	Channel-shelf mtg, center, icemaker shelf
49B	242122301	Channel-shelf mtg, side, RH
51	242197901	Slide, deli, (2)
62	242096812	Pan-deli
75	242072704	Shield-light, refr
97	242220119	Tube-water, .75 x 97.5", natural
97*	242200102	Clip, tubing, 90 deg elbow
136	241657701	Dispenser-can, white
137	807946701	Filter Assembly, PureSource U-II, w/cap
137*	807946702	Bypass Assembly, no filter, Optional Part
139	807931801	Manifold, water filter
139*	242039702	Screw, shoulder, #10-16, (2)
145	242200003	Support, deli slide rail, RH
145A	242200004	Support, deli slide rail, LH
154	242082401	Support
154*	242015001	Screw, 8-18 X 1/2
157	241872201	Beam-crisper cover
210	5303918723	Housing, water filter, w/plug & pad
210*	240451503	Screw, ind hex wshr hd, 8-32 x 0.375, trilobe
211	807932201	Plug, filter housing
212	242236801	Roller Assembly, crisper pan
213	242010901	Roller Assy, deli pan
*	241500303	Screw, hex washer head, 8-18AB x 1/2
*	5304455650	Screw, hex washer head, 8-15A x 0.625, Low Profile
*	5304501219	Energy Guide

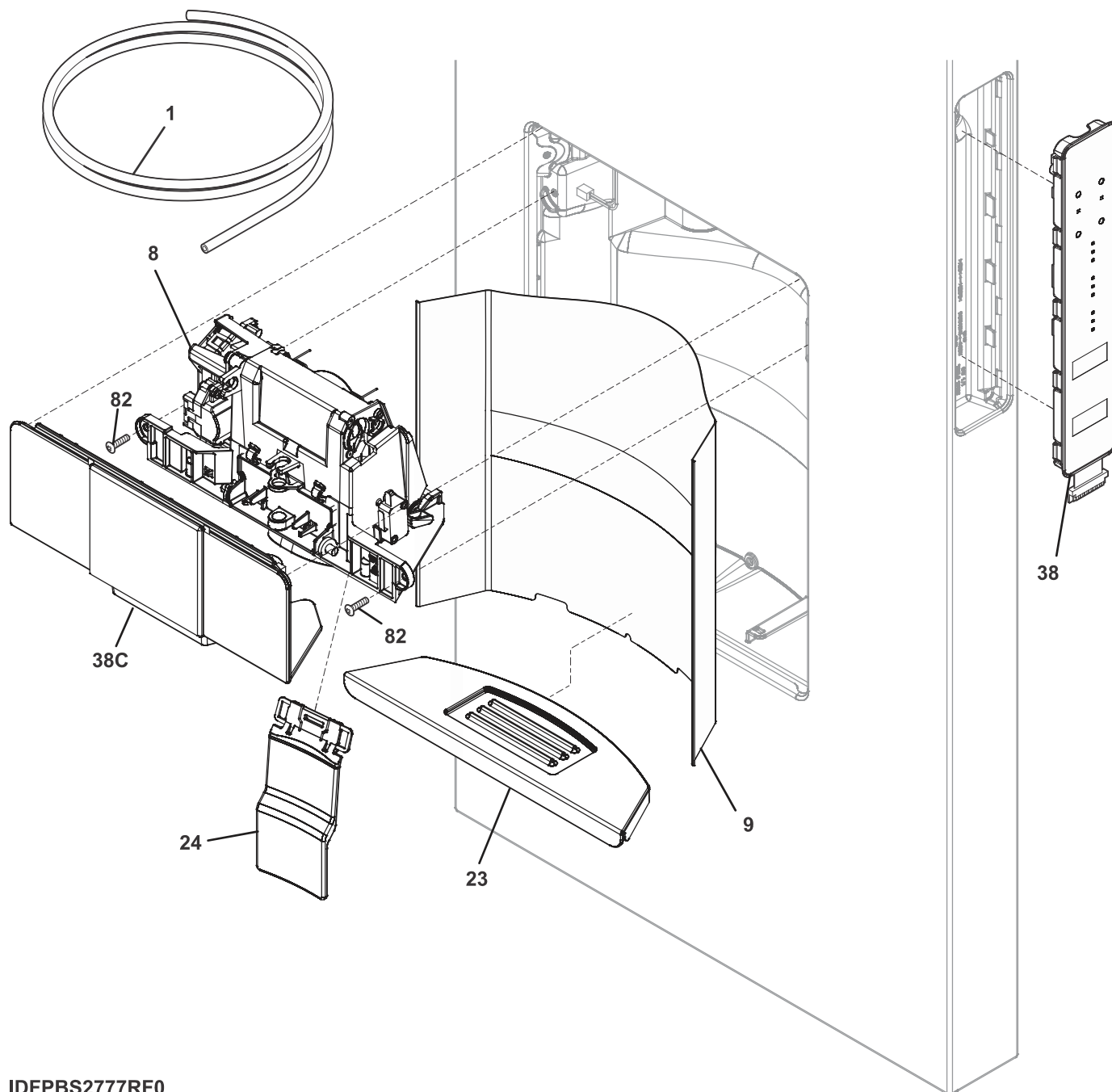
COOLING SYSTEM



COOLING SYSTEM

POS. NO	PART NO.	DESCRIPTION
1 #	241862903	Condenser
1A	241987301	Deflector-air, condenser
3	241838401	Block-evap coil, styrofoam insul, RH
3A	241838402	Block-evap coil, styrofoam insul, LH
4 #	242047603	Dryer-filter
6 #	241516901	Cord-service
6* #	808165201	Harness, wiring, machine compt.
14 #	5303918410	Defrost Heater Kit, 28'
15 #	5303918569	Evaporator Kit, C/D FDBM
16	5308000110	Strap-evap/heater, aluminum, (2)
17	241791201	Trough-drain
18	241860101	Gasket, closed cell
20 #	808137001	Thermistor, defrost temp
21 #	808062701	Thermostat, defrost safety
21A	218362501	Screw, hex washer head, 8-18AB x 1.250, spacer, (2)
22	241602112	Base-compressor, w/rollers
22*	218252201	Screw, #8 truss hd, 10-32CA x 0.500
23	218513300	Grommet-compr mtg, (4)
24	241812301	Washer-compr mtg
25	242037702	Clip-spring
26	241920606	Pan-defrost
29 #	242104102	Compressor, w/inverter, hard wired, and grommets
30 #	242104302	Invertor
34	241929901	Grommet-cond mtg, (4)
34A	241929902	Grommet-cond mtg, (4)
41	240555002	Screw-#8-32 X 3/8
44	215174700	Clamp-service cord, strain relief, galv steel
45	5304455650	Screw, hex washer head, 8-15A x 0.625, Low Profile
50 #	5304502750	Board-main power
54	807854301	Support, housing, main board
58	240569201	Screw, 8-18 x 0.500
59	241946106	Shroud-cond fan
59*	240346701	Tape-foam seal, shroud
60 #	242018301	Motor-condenser fan
61	241639501	Blade-condenser fan
81	240359403	Screw-fan shroud, (2)
82	240335202	Roller, compressor base, rear
83	5304455655	Rivet, flat head, 1/4 OD x 1-3/4, roller pin
84	241830904	Tube-drain
84*	242036801	Clip-tube, drain
86	240409302	Spacer-cond tube, black
87	241871501	Tube-connector, suction
89	215346900	Tube-process
90	240597203	Sensor, temperature, 10K, NTC
*	218709101	Screw, hex head, 10-32 x 0.500
*	241947701	Spacer, heat exchanger
* #	241510904	Harness-dispenser, grounding

CONTROLS & ICE DISPENSER

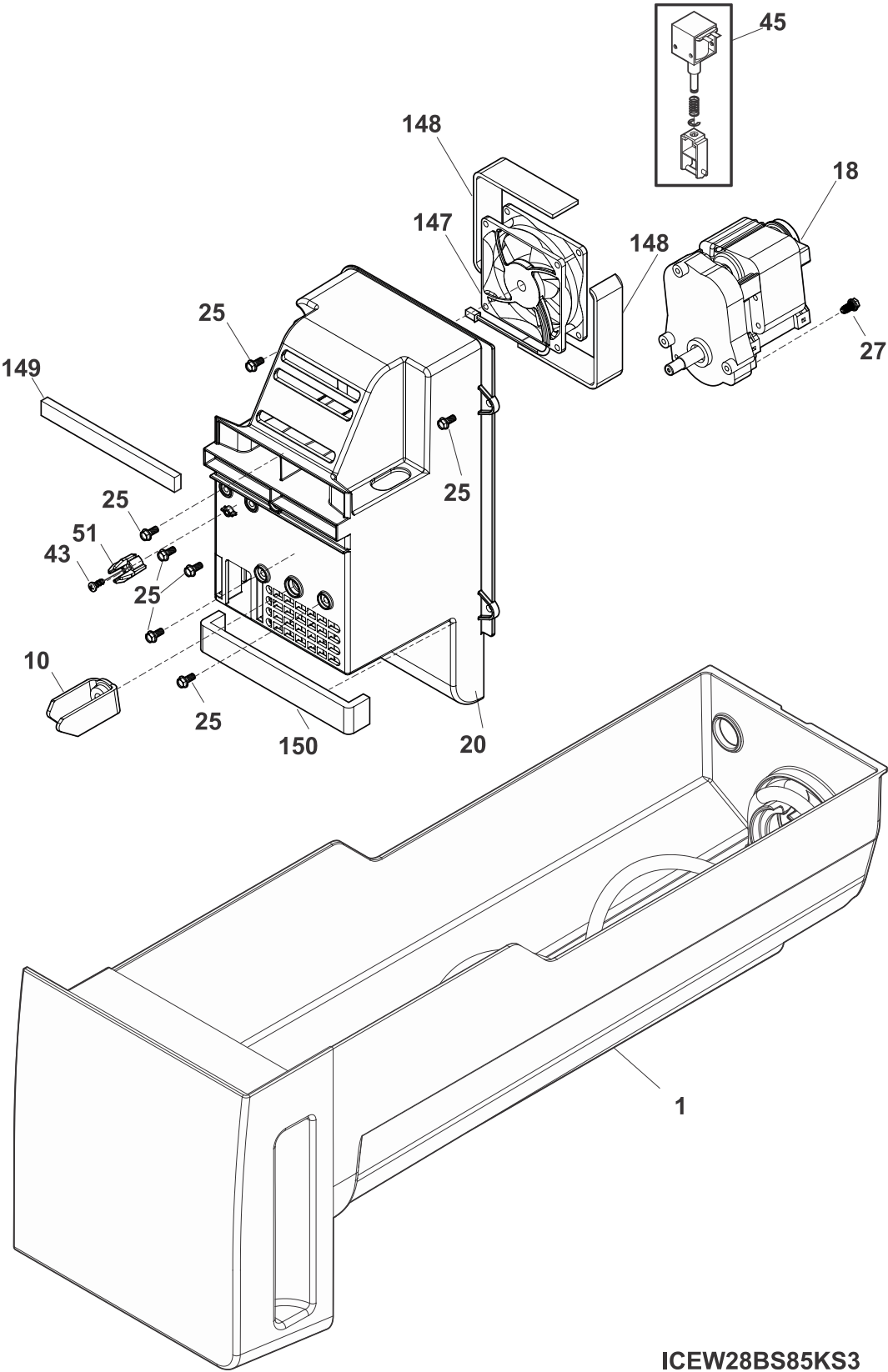


IDFPBS2777RF0

CONTROLS & ICE DISPENSER

POS. NO	PART NO.	DESCRIPTION
1	218976434	Tube-water, 5/16 - 42", yellow, SD
1*	241920104	Tube-water, assembly, 5/16 - 54", green, ice maker fill, w/extension
1*	241964707	Tube-water, 1/4 - 36", green
1*	241965906	Tube-water, 5/16 - 67", natural
1*	242169404	Tube-water, ice mold fill, 1/4 - 44", blue, w/extension
1*	242200102	Clip, tubing, 90 deg elbow
1*	242220119	Tube-water, .75 x 97.5", natural
8 #	242270203	Module Assembly, ice & water, complete
9	809089801	Liner, sump back, stainless
23	5304501179	Sump Assembly, ice & water, stainless
24	5304501181	Actuator, ice lever, silver
38 #	242048229	User Interface,, assembly, black, w/board & pad
38C#	809091201	Control Assembly, dispenser UIB, stanless/black, w/touch pad
82	241953902	Screw, #8 - 18 X .380
*	241503901	Connector-water, straight, 5/16 to 1/4
*	242103001	Connector-water, straight, 5/16 to 5/16
* #	241510904	Harness-dispenser, grounding
* #	242040806	Harness-wiring, door
* #	5304501175	Harness, wiring, dispenser, to watson cntl.
*	5303918744	Kit,dspnsr heater,DC

ICE CONTAINER

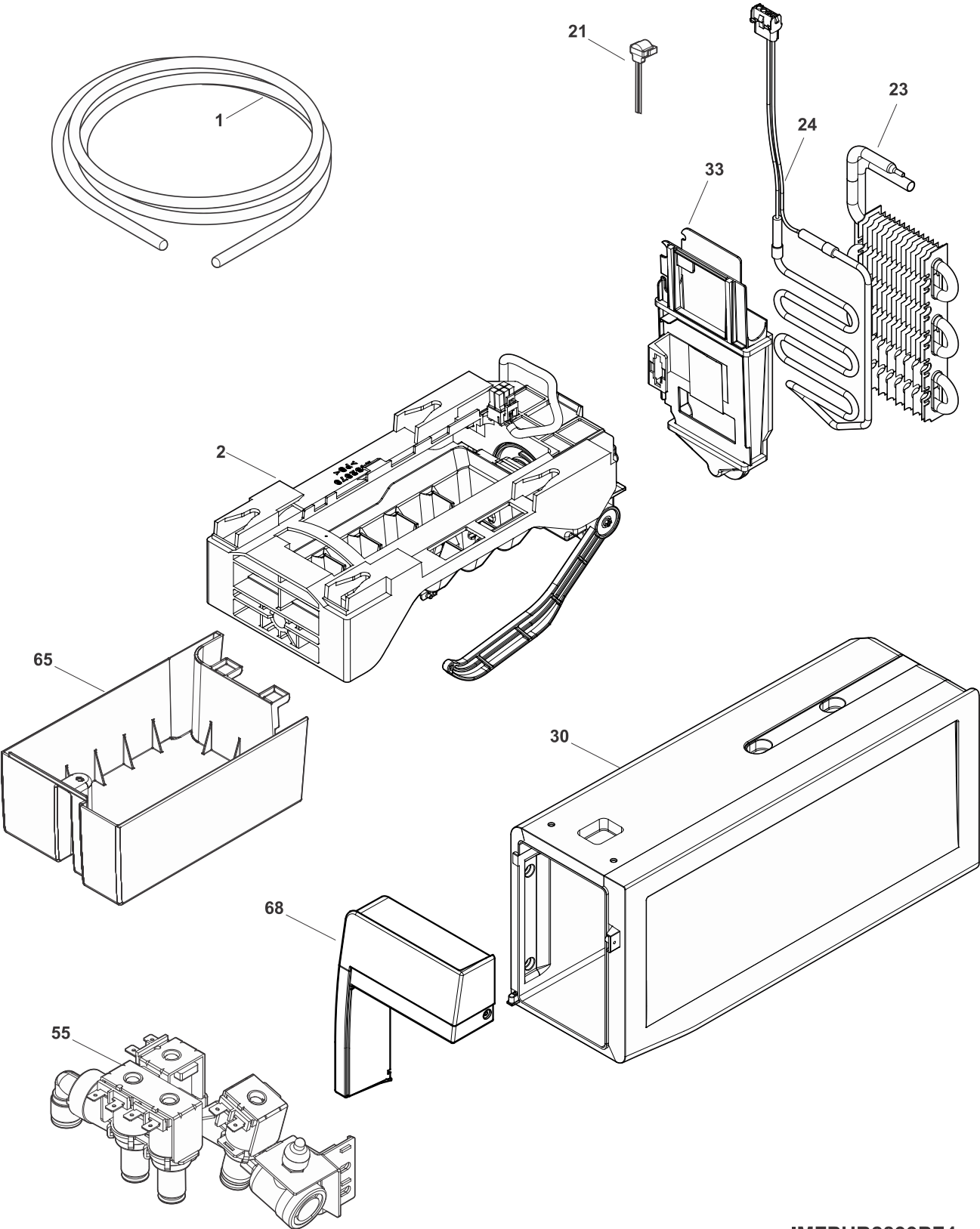


ICEW28BS85KS3

ICE CONTAINER

POS. NO	PART NO.	DESCRIPTION
1 #	242093011	Ice Container Assy, w/moving parts
10	241829001	Bar-drive
18 #	241816602	Motor-auger
18*#	242095806	Harness-wiring, air handler
20	242095702	Housing-air handler, Gen II IM
25	240555004	Screw, 8-32 x 3/8, black
27	240555002	Screw-#8-32 X 3/8
43	241641502	Screw
45 #	241675701	Solenoid Assy, 115V
51	242095501	Pin-anti twist bkt Gen II IM
147#	242119401	Fan Assembly, motor, with blade
148	242095406	Gasket
149	242095404	Gasket-evap housing, .250x.250x5.250
150	242095407	Gasket

FRESH FOOD ICE MAKER

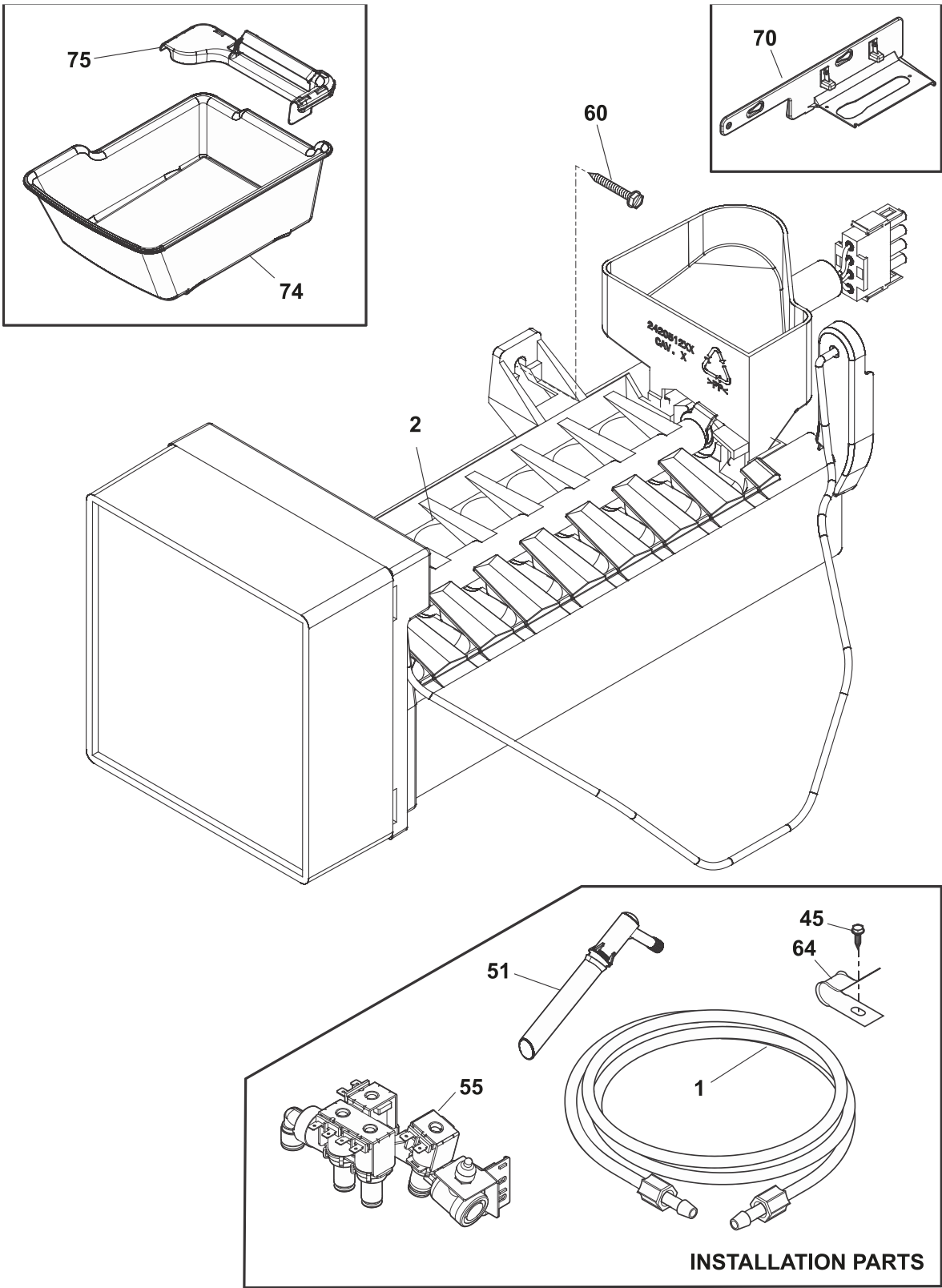


IMFPHB2899PF4

FRESH FOOD ICE MAKER

POS. NO	PART NO.	DESCRIPTION
1	218976434	Tube-water, 5/16 - 42", yellow, SD
1*	241844403	Tube-water, ice mold fill, black, extension
1*	241920104	Tube-water, assembly, 5/16 - 54", green, ice maker fill, w/extension
1*	241964707	Tube-water, 1/4 - 36", green
1*	241965906	Tube-water, 5/16 - 67", natural
1*	242169404	Tube-water, ice mold fill, 1/4 - 44", blue, w/extension
1*	242220119	Tube-water, .75 x 97.5", natural
1*	242220204	Tube-water inlet, .315 - 93.50", natural
2 #	243297606	Ice Maker, complete, 115 V
21	808113301	Thermostat, defrost safety, ice maker
23 #	242094603	Evaporator, ice maker
24 #	242094802	Heater-defrost
30	242093502	Housing Assembly, ice maker, complete
30*	241695906	Screw, 10-16AB x 0.50
30*	242094401	Housing-evaporator
30*	242124801	Gasket, .4X .75X 16.00"
30*	242124802	Gasket, .9X .75X 10.75"
33	242146001	Gasket, housing funnel, 2.69X 3.05X .25, top, w/hole
33*	242095402	Gasket-evap housing, .250x.250x3.300
33*	242095403	Gasket-evap housing, .250x.250x7.750
33*	242095404	Gasket-evap housing, .250x.250x5.250
33*	242095405	Gasket-evap housing, .250x.250x6.600
33*	242095408	Gasket-evap housing, .250x1.00x6.600
55 #	242253002	Valve-water, quad solenoid
55*	218709101	Screw, hex head, 10-32 x 0.500
55*	240363602	Screw-shoulder
64	5304453921	Clamp-cable
65	808456301	Cover, wiring
65*	241953902	Screw, #8 - 18 X .380
68	242095002	Cover, -front, bucket trim
68*	242096001	Insulation, i/container frt
*	240396801	Clamp, tube/wiring, nylon, black/natural
*	241503901	Connector-water, straight, 5/16 to 1/4
*	242103001	Connector-water, straight, 5/16 to 5/16
*	242200102	Clip, tubing, 90 deg elbow

FREEZER ICE MAKER



IZFPBS2777RF2

FREEZER ICE MAKER

POS. NO	PART NO.	DESCRIPTION
1	218976434	Tube-water, 5/16 - 42", yellow, SD
1*	241844403	Tube-water, ice mold fill, black, extension
1*	241920104	Tube-water, assembly, 5/16 - 54", green, ice maker fill, w/extension
1*	241964707	Tube-water, 1/4 - 36", green
1*	241965906	Tube-water, 5/16 - 67", natural
1*	242220119	Tube-water, .75 x 97.5", natural
1*	242220204	Tube-water inlet, .315 - 93.50", natural
2 #	241798219	Ice Maker, radius cube, 115 V, service
45	5304453923	Screw, hex hd wshr, #8-32 x 1/2
51	242169404	Tube-water, ice mold fill, 1/4 - 44", blue, w/extension
55 #	242253002	Valve-water, quad solenoid
55*	218709101	Screw, hex head, 10-32 x 0.500
55*	240363602	Screw-shoulder
60	218362501	Screw, hex washer head, 8-18AB x 1.250, spacer, (2)
70	242041701	Bracket-ice maker
74	5304504277	Container-ice
75	242240101	Shield, ice bucket, wide
*	240396801	Clamp, tube/wiring, nylon, black/natural
*	241503901	Connector-water, straight, 5/16 to 1/4
*	242103001	Connector-water, straight, 5/16 to 5/16

BOARD VIEW

LED LIGHT WIRING

DC SIDE

AC SIDE

REFRIGERATOR CONTROL

INLINE CONNECTOR ABBREVIATION KEY

ABB.	EXPLANATION
AT1	9 PIN CONNECTION AT AIR TOWER
IM1	9 PIN CONNECTION IN FRESH FOOD ICEMAKER COMPARTMENT
IM2	6 PIN CONNECTION IN FRESH FOOD ICEMAKER COMPARTMENT
LH1	6 PIN CONNECTION AT THE LEFT DOOR UPPER HINGE
LH2	5 PIN CONNECTION AT THE LEFT DOOR UPPER HINGE
MB1	4 PIN CONNECTION IN THE MAIN BOARD HOUSING BEHIND THE TOE GRILLE
MB2	9 PIN CONNECTION IN THE MAIN BOARD HOUSING BEHIND THE TOE GRILLE
MC1	9 PIN CONNECTION IN THE MACHINE COMPARTMENT TO THE LEFT OF THE COMPRESSOR
MC2	9 PIN CONNECTION IN THE MACHINE COMPARTMENT TO THE LEFT OF THE COMPRESSOR
RH1	9 PIN CONNECTION AT THE RIGHT DOOR UPPER HINGE
RH2	5 PIN CONNECTION AT THE RIGHT DOOR UPPER HINGE
RH3	2 PIN CONNECTION AT THE RIGHT DOOR UPPER HINGE

WIRING DIAGRAM

