



CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

HOW TO USE THIS CATALOG

1. THIS CATALOG PRESENTS THE MOST COMMONLY USED SPECIFIED PARTS FOR THE STANDARD 39L UNIT (21-35 SIZE) AND IS NOT APPLICABLE TO ANY SPECIAL MACHINES.

2. THIS CATALOG IS DIVIDED INTO TWO SECTIONS:

SECTION 1: FAN-COIL SECTION (See Page 2 for Index.)

SECTION 2: ACCESSORY SECTION (See Page 3 for Index.)

SECTION 1 CONSISTS OF THE FOLLOWING:

Ordering Instructions
Fan - Coil Section External Panel Arrangements

Internal Fan Section Parts
Coil and Distributor Selection Charts

**Please refer to Page 2 for Section 1 Index.

SECTION 2 CONSISTS OF THE FOLLOWING:

Mixing Box Section
Filter Mixing Box Section
Flat Filter Section
Angle Filter Section

Preheat Water Section
Preheat Electric Heat Section
Access Section
Plenum Section

**Please refer to page 3 for Section 2 Index.

3. 39L COMPONENT IDENTIFICATION ABBREVIATIONS:

SECTION 1: FAN COIL SECTION

F.C.	Forward Curve
T.H.F.	Top Horizontal Front
T.H.R.	Top Horizontal Rear
U.B.F.	Upblast Front
U.B.R.	Upblast Rear
I.G.V.	Inlet Guide Vanes

SECTION 2: ACCESSORY SECTION

M.X.B.	Mixing Box
F.M.B.	Filter Mixing Box

See Page 6 for MXB & FMB arrangements.

4. CASING PARTS AND PANELS ARE NOT NORMALLY STOCKED, BUT ARE AVAILABLE UPON REQUEST WHILE IN PRODUCTION. REQUESTS FOR CASING PARTS AND PANELS FOR UNITS NO LONGER IN PRODUCTION MUST BE CLEARED THROUGH THE CAC PARTS CENTER FOR AVAILABILITY PRIOR TO SUBMITTING AN ORDER.

5. THE REPLACEMENT PARTS LISTED IN THIS CATALOG ARE "FACTORY AUTHORIZED PARTS" AND AS A RESULT OF "STANDARDIZATION" MAY NOT BE IDENTICAL TO THE ORIGINAL PART FURNISHED ON THE EQUIPMENT.

NOTE: See "Catalog Notes" on last page for explanation of symbolism.



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**39L FAN-COIL SECTION
SECTION 1
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FAN-COIL SECTION

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MXB AND FMB SECTION

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39L ORDERING INSTRUCTIONS

Carrier Air Conditioning  Division of Carrier Corporation		
SERIAL NUMBER		
UNIT NUMBER		
COIL LOC.	UPPER	
1 OR 5	LOWER	
COIL LOC. 2		
COIL LOC. 3		
COIL LOC. 4		
MOTOR NUMBER		
DRIVE NUMBER		
PIC CONTROL		
PIC CONTROL OPTIONS		
MISCELLANEOUS UNIT OPTIONS		
 MADE IN USA 39LC_500_551 REV B		

SERIAL NAMEPLATE*

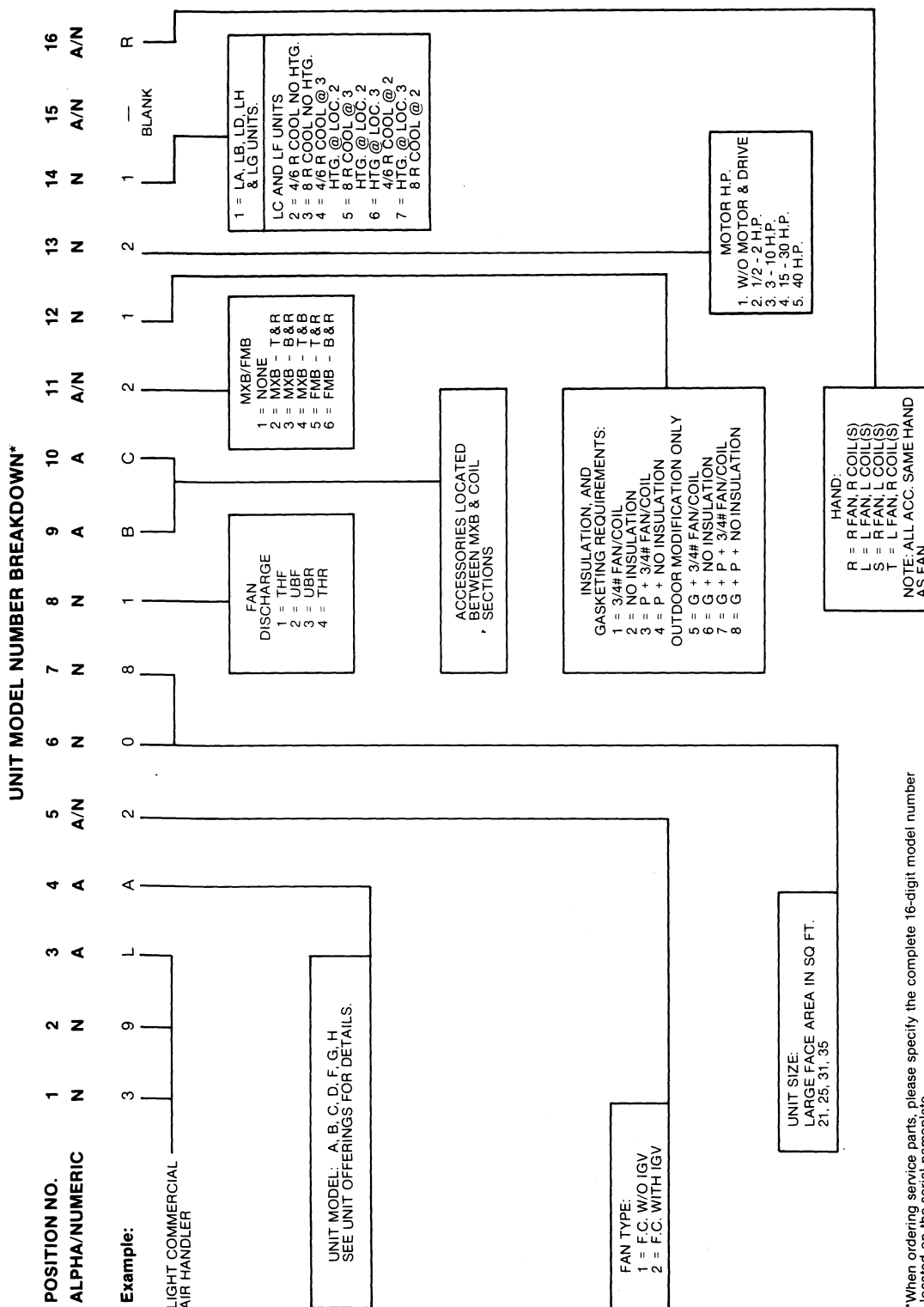
*The Serial Nameplate is located on the panel on the drive end of the fan section.

Please specify **complete unit model number and **serial number** when ordering service parts.

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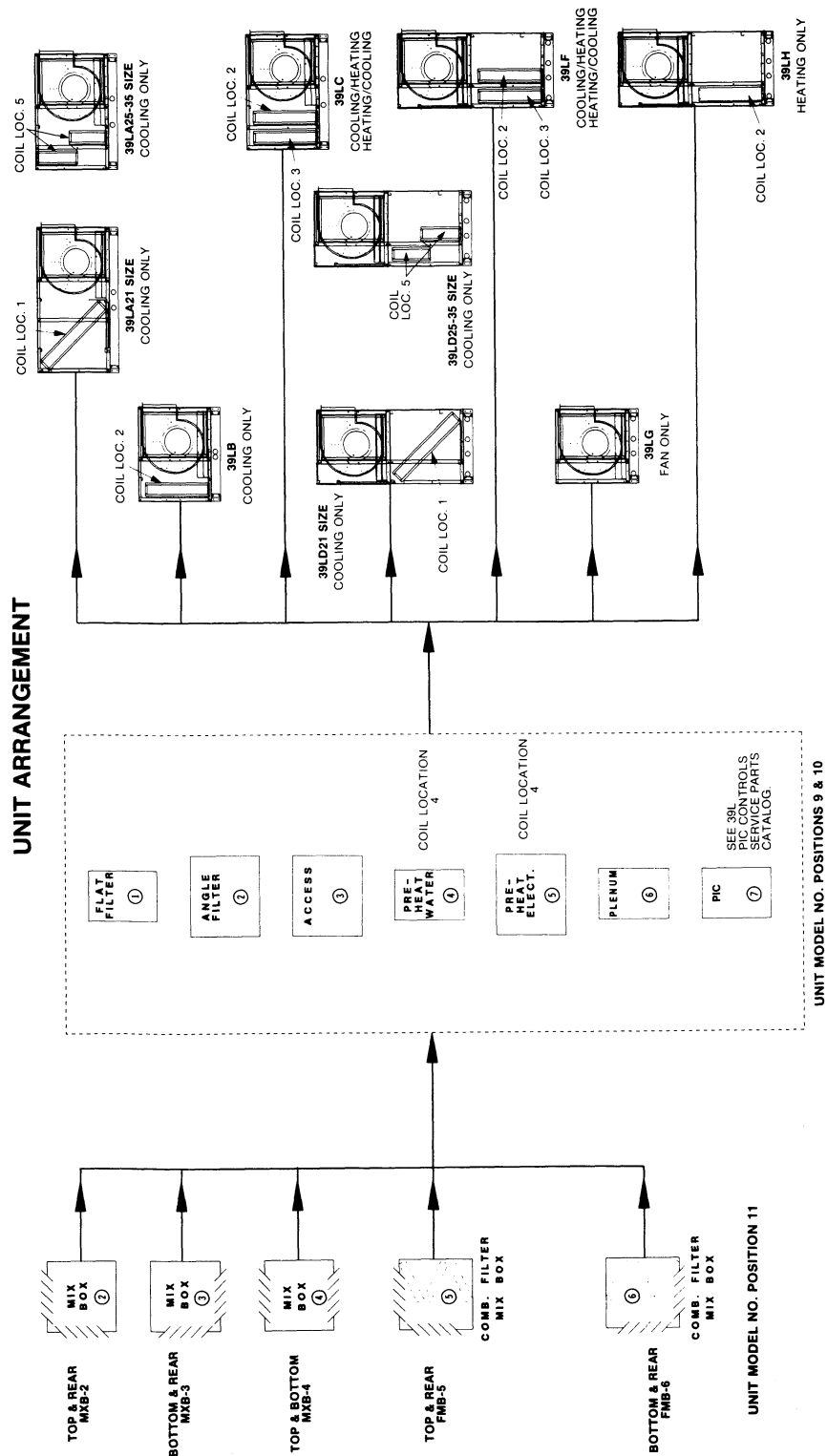
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*When ordering service parts, please specify the complete 16-digit model number located on the serial nameplate.

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SECTION 1: FAN-COIL SECTION

FAN-COIL SECTION PANEL ARRANGEMENT

LEGEND

(for photos on Pages 8 through 15
and Page 21)

FR	= Door Frame
B	= Bottom Panel
D	= Door
S	= Side Panel
T	= Top Panel
CB	= Condensate Bottom Panel
CP	= Condensate Pan
DISCH.	= Fan Discharge Panel
13	= Catalog Item Number
1,2,4,5	= Panel Width (00's mm)
	= Side Channel
	= Top Channel

Example: T5 (13) = Top Panel 500 mm Wide,
Catalog Item No. 13.

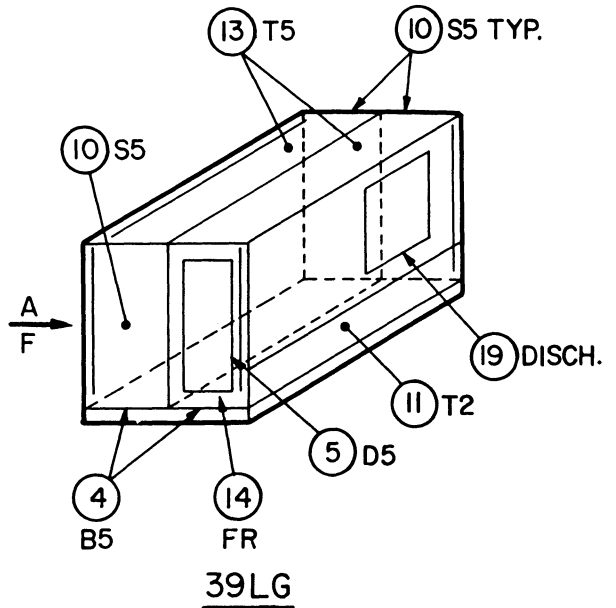
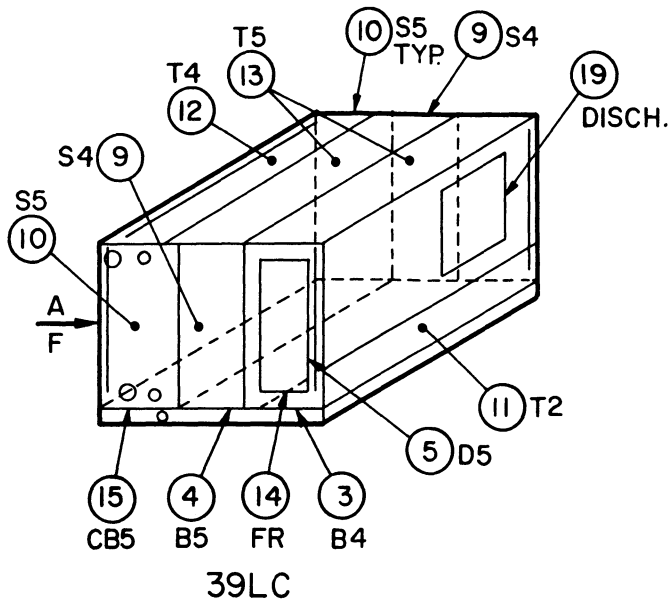
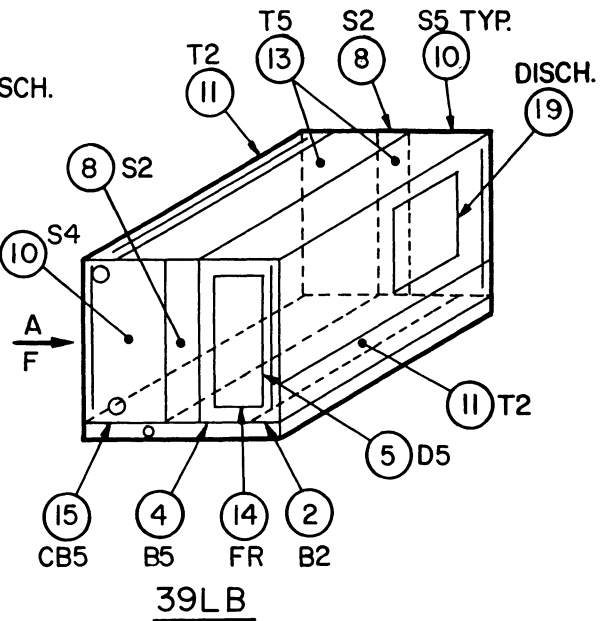
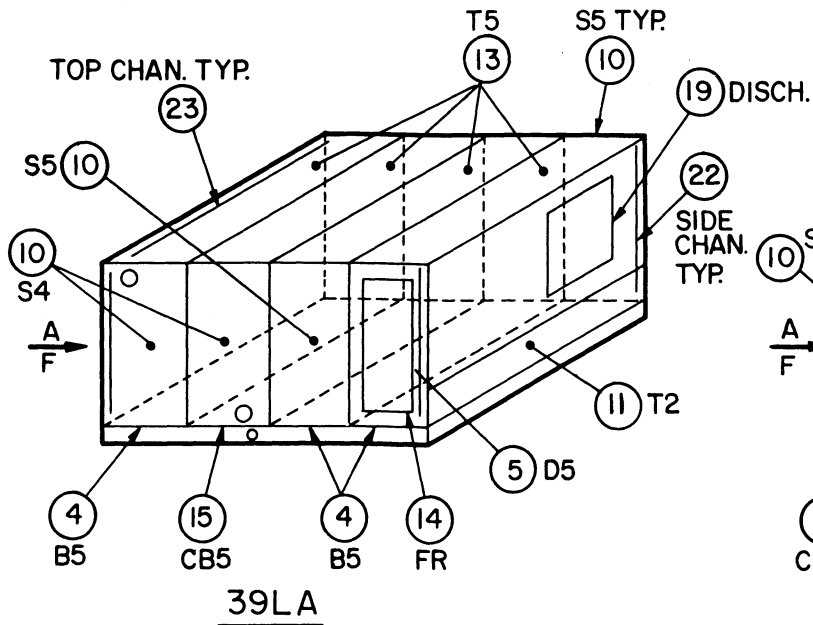
NOTE: See "Catalog Notes" on last page for explanation of symbolism.

CENTRAL-STATION AIR-HANDLING UNIT

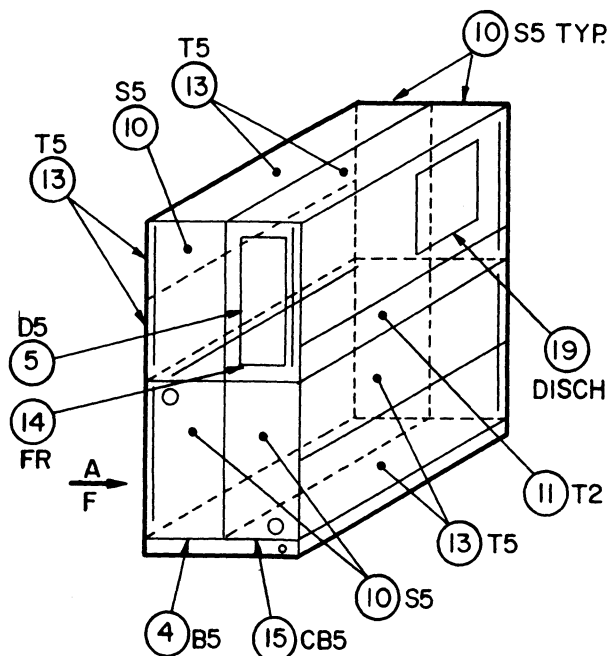
39

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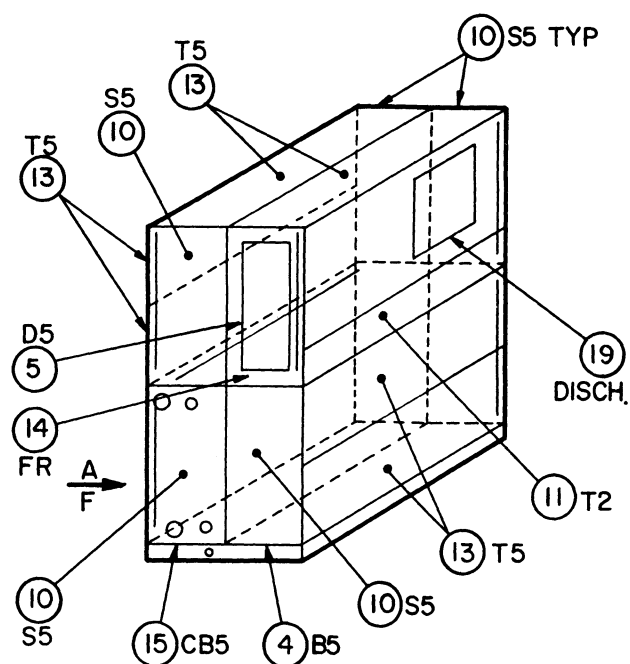
21 SIZE FAN-COIL SECTION PANEL ARRANGEMENT (Horizontal)



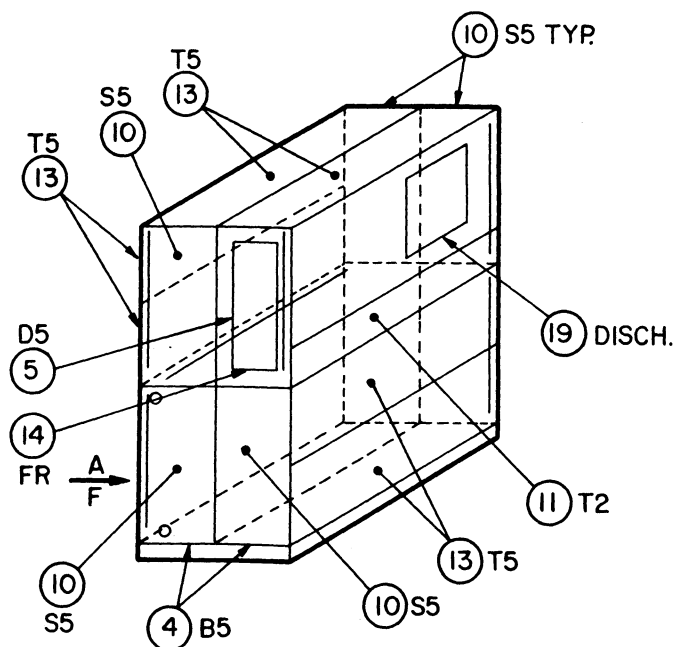
**21 SIZE FAN-COIL SECTION PANEL ARRANGEMENT
(Vertical)**



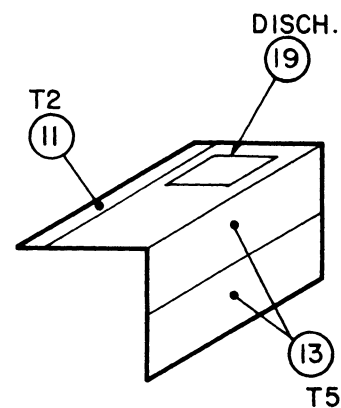
39LD



39LF

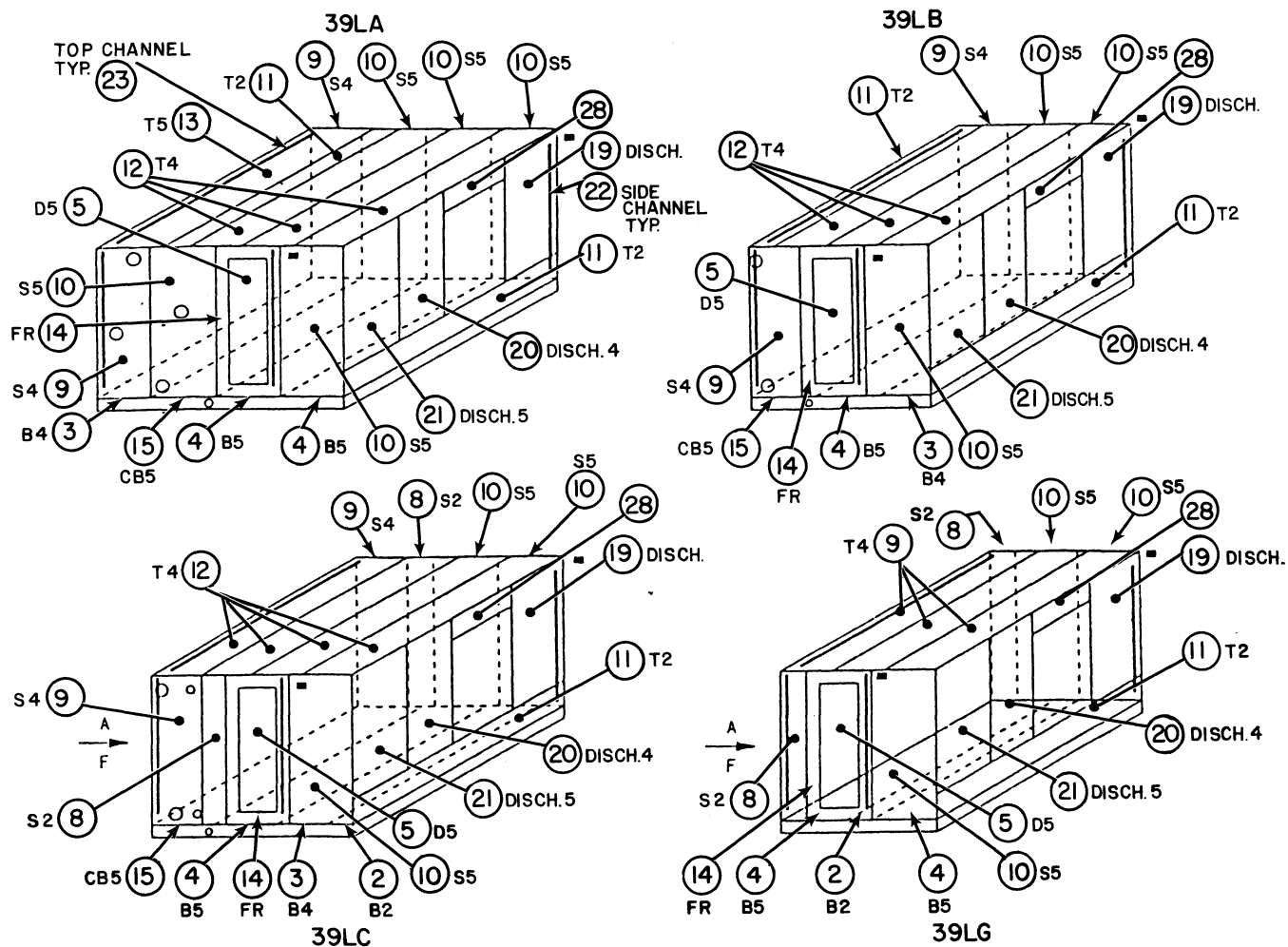


39LH

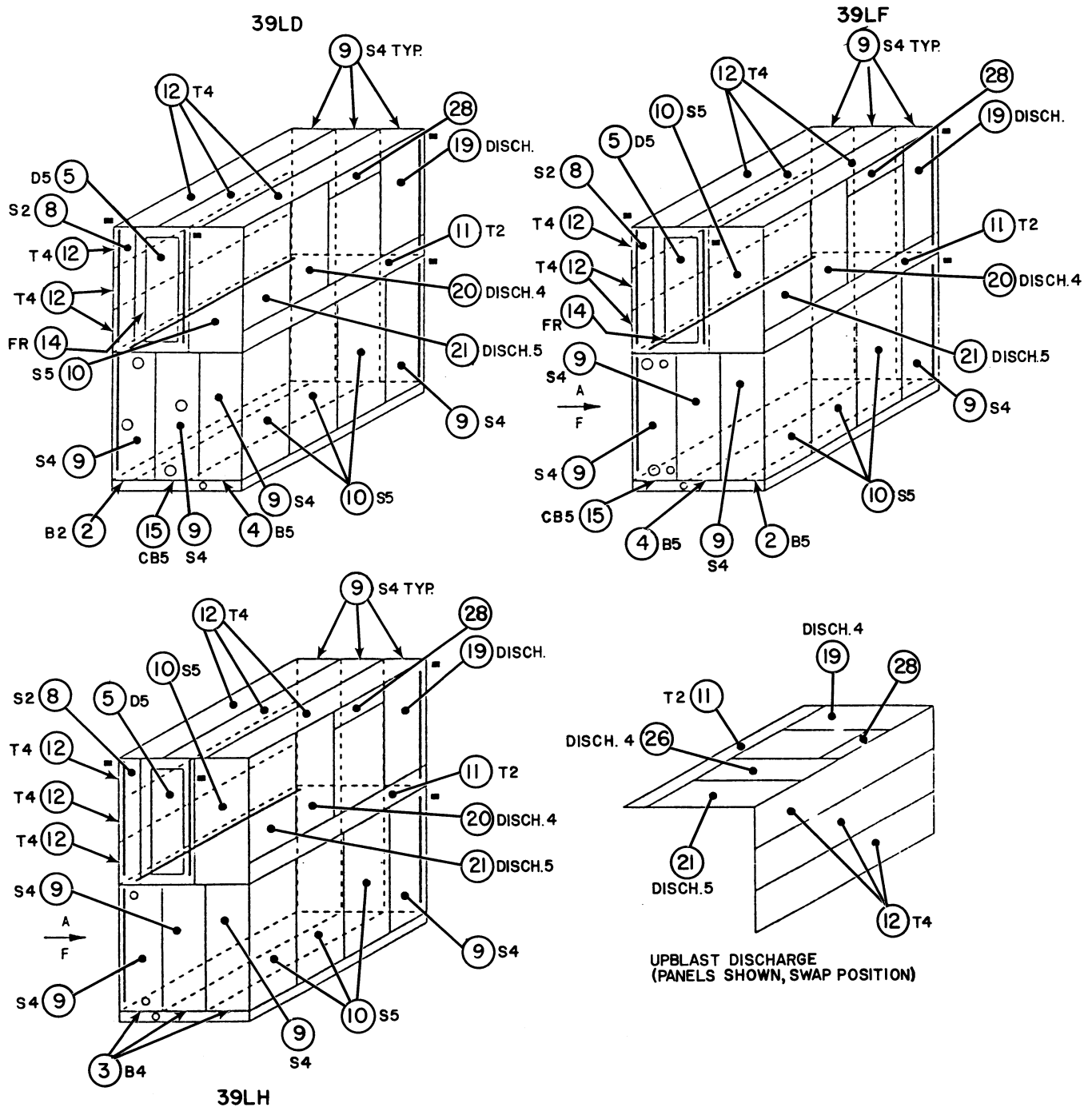


UPBLAST DISCHARGE
(PANELS SHOWN, SWAP POSITION)

25 SIZE FAN-COIL SECTION PANEL ARRANGEMENT (Horizontal)



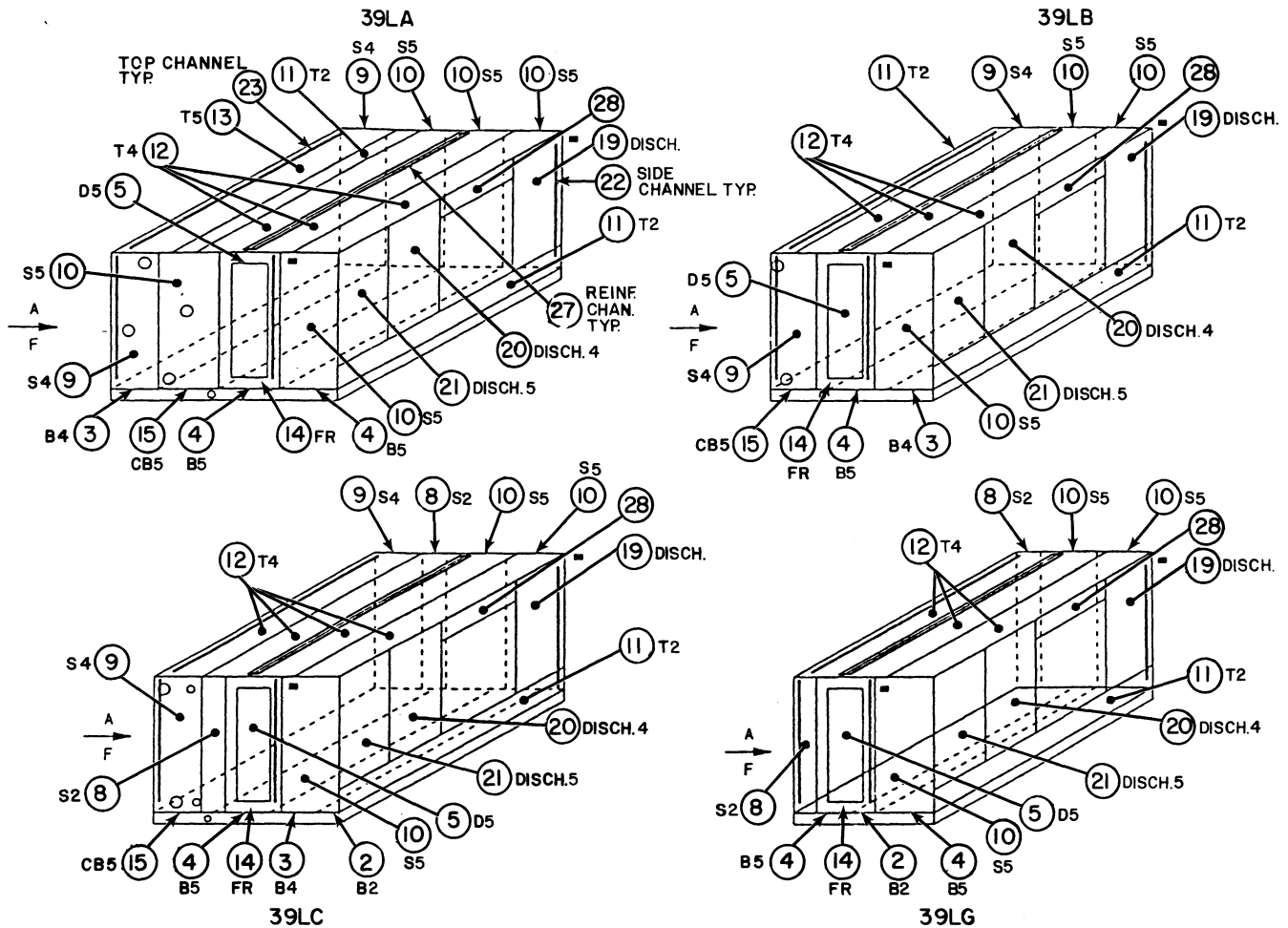
**25 SIZE FAN-COIL SECTION PANEL ARRANGEMENT
(Vertical)**



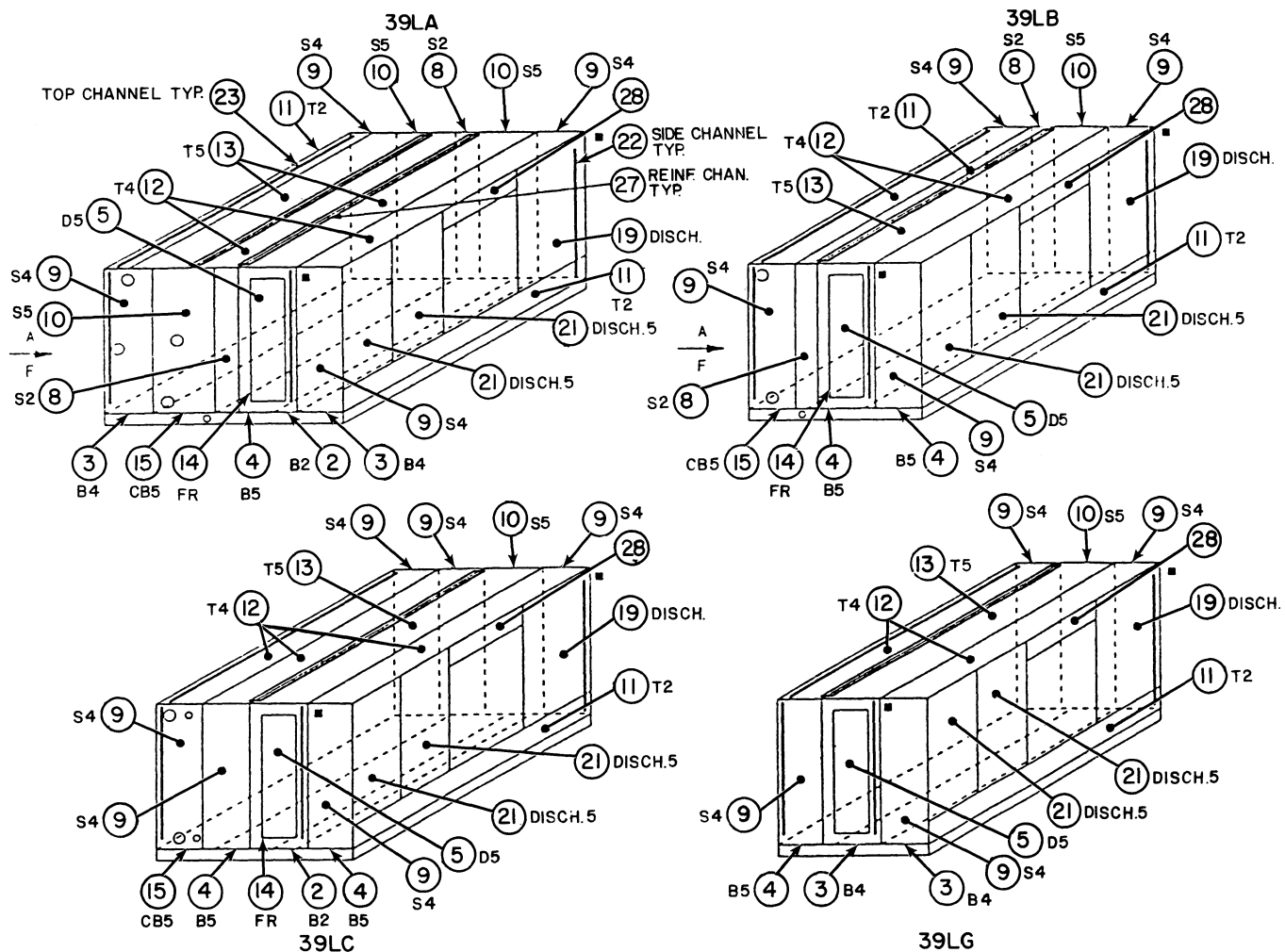
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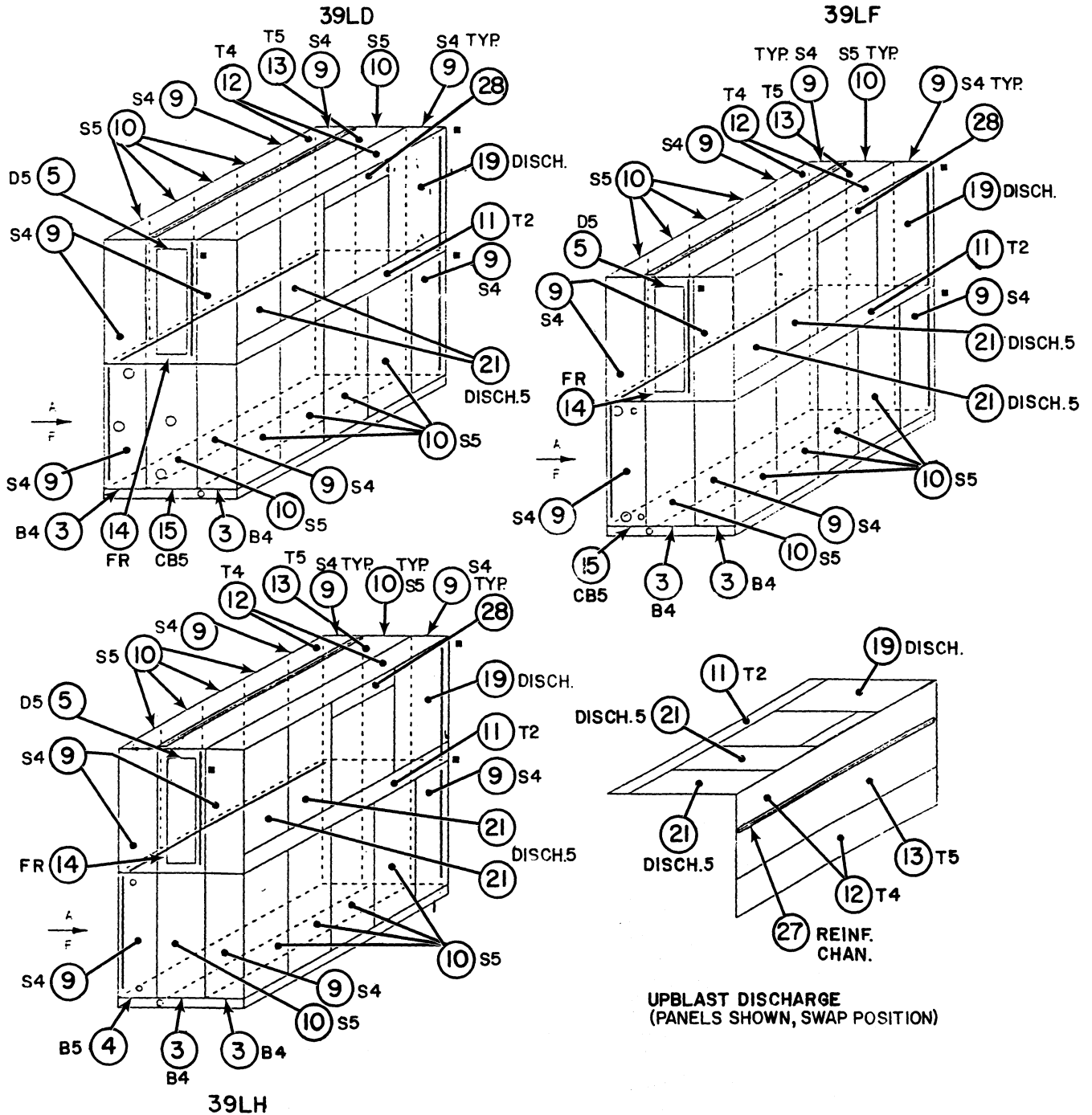
31 SIZE FAN-COIL SECTION PANEL ARRANGEMENT (Horizontal)



**35 SIZE FAN-COIL SECTION PANEL ARRANGEMENT
(Horizontal)**



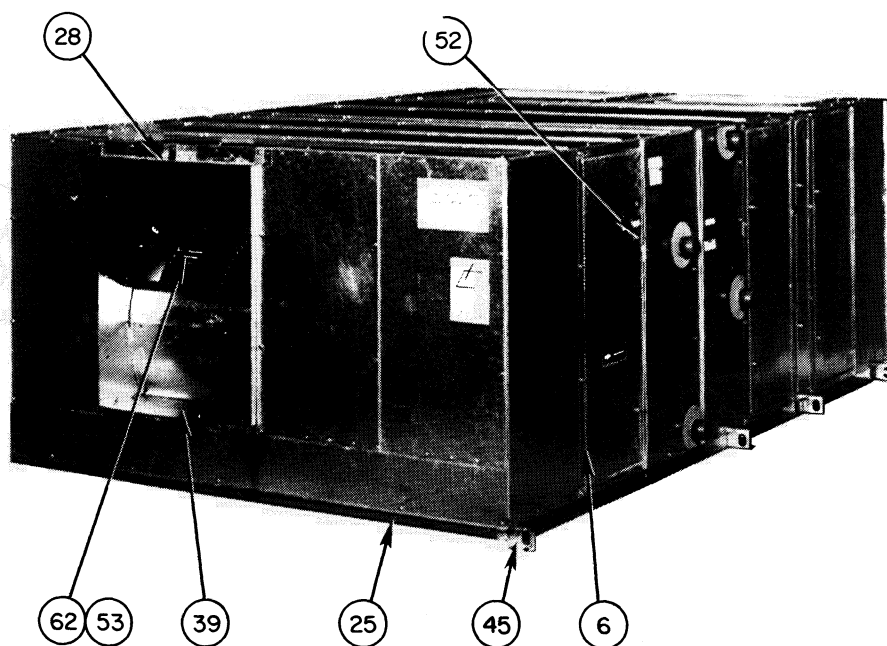
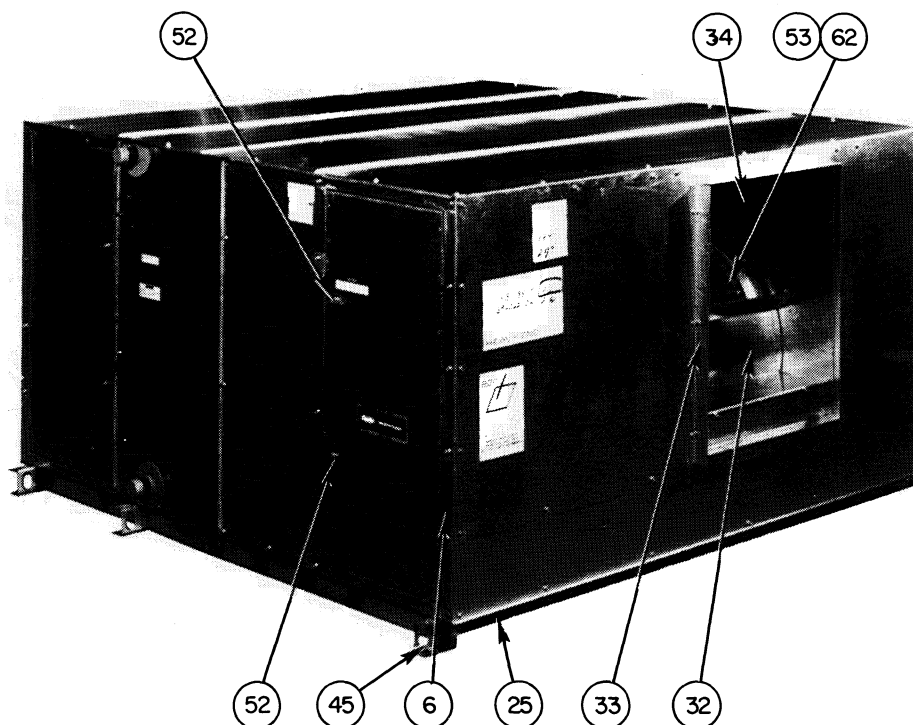
**35 SIZE FAN-COIL SECTION PANEL ARRANGEMENT
(Vertical)**



CENTRAL-STATION AIR-HANDLING UNIT

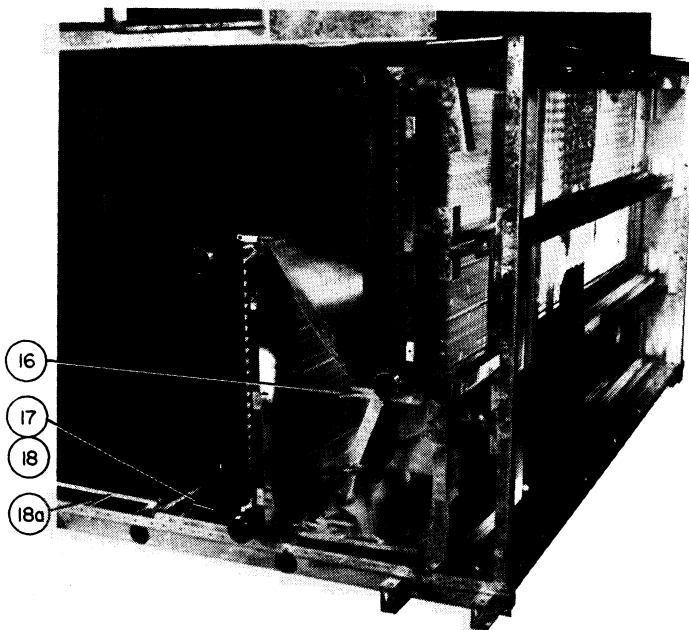
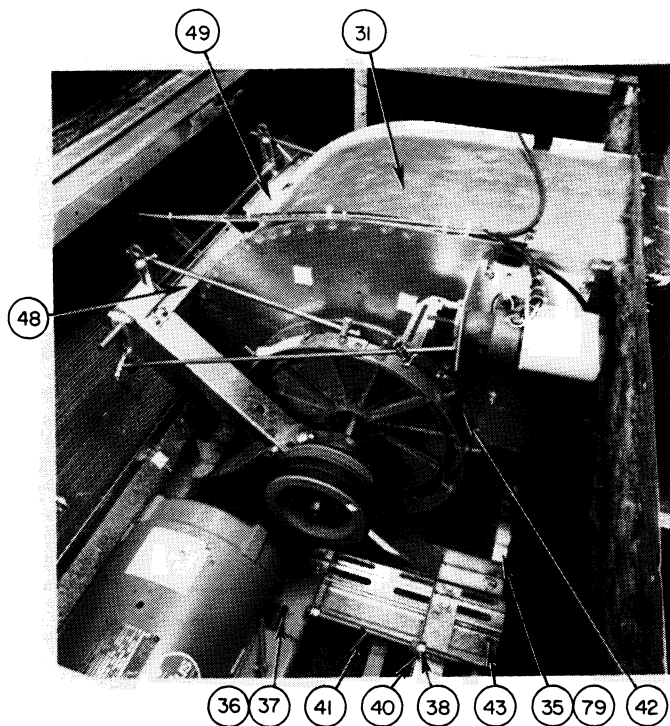
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FAN SECTION GROUP: COMMON PARTS WITH OR WITHOUT INLET GUIDE VANES



TYPICAL 25, 31 & 35 SIZE UNIT

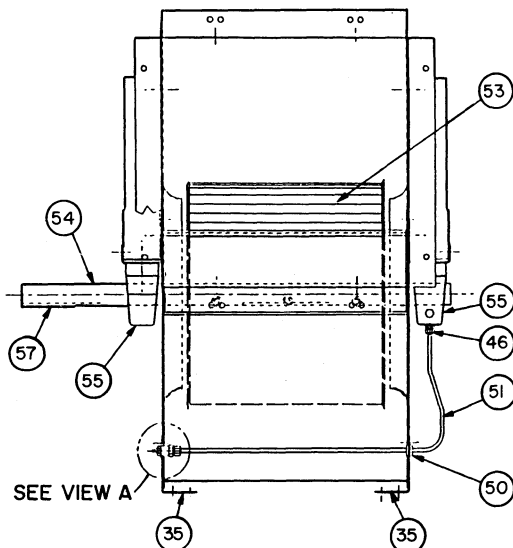
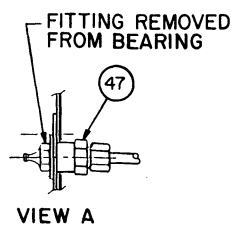
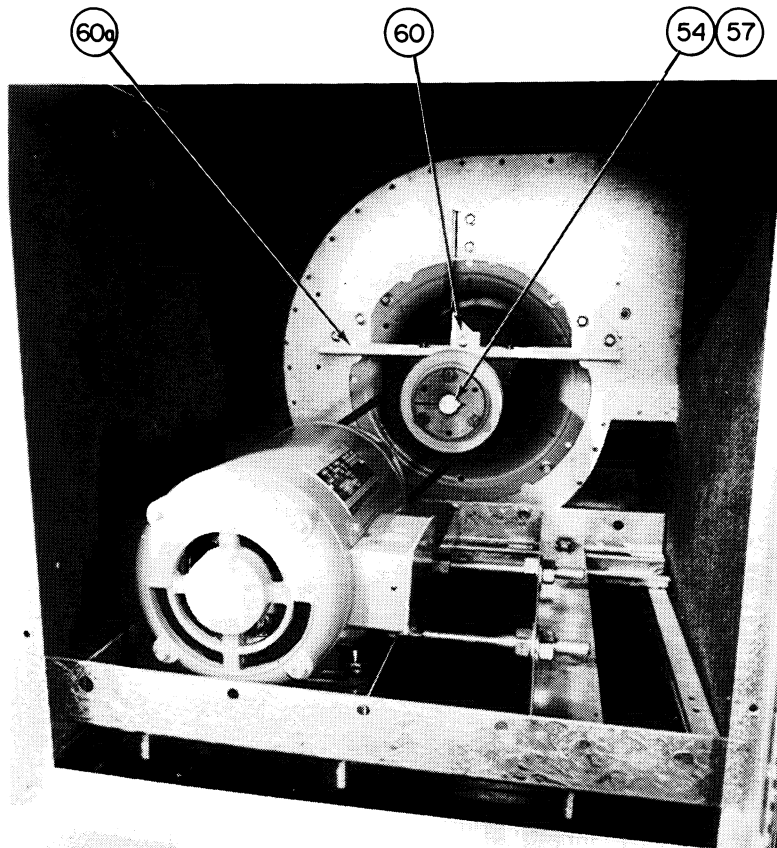
FAN SECTION GROUP: COMMON PARTS WITH OR WITHOUT INLET GUIDE VANES



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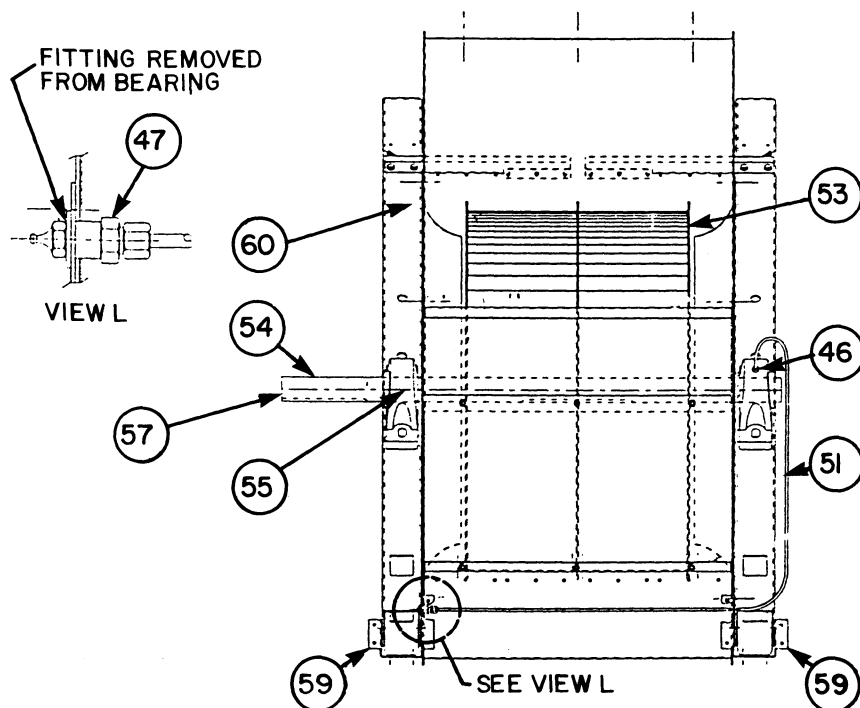
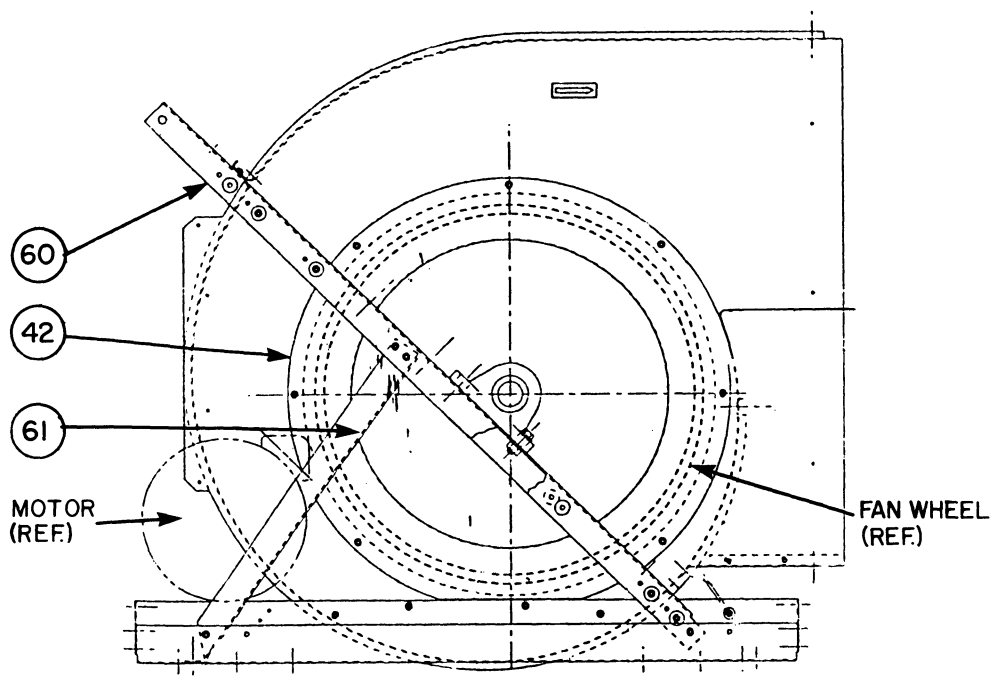
FAN SECTION GROUP: WITHOUT INLET GUIDE VANES TYPICAL 21 SIZE UNIT



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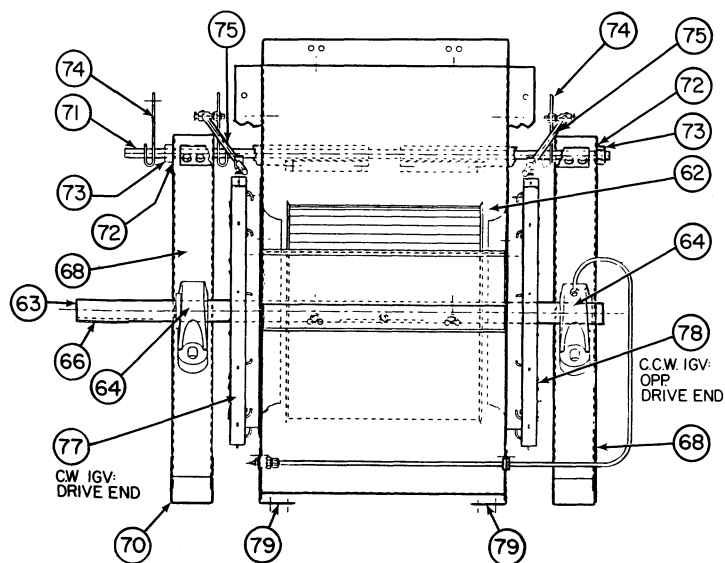
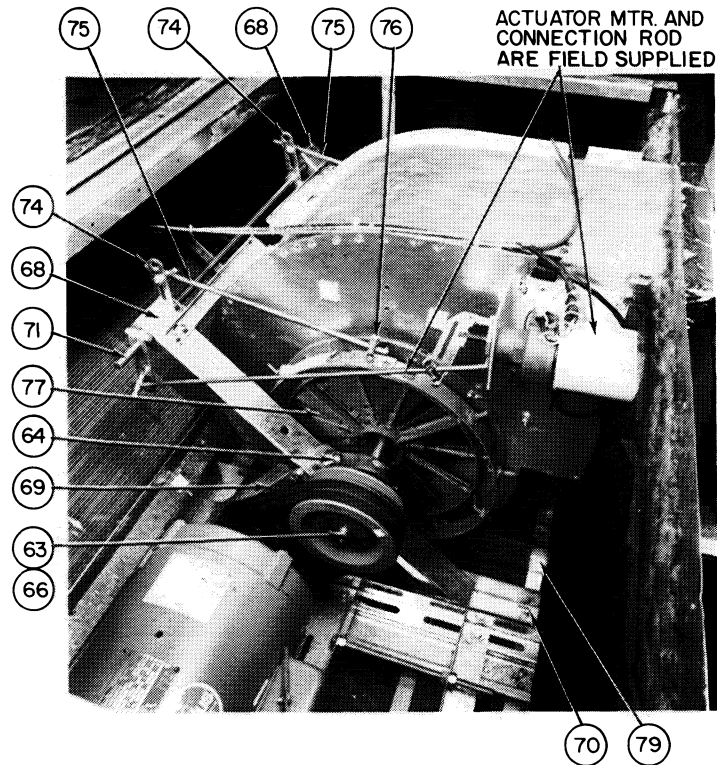
FAN SECTION GROUP: WITHOUT INLET GUIDE VANES TYPICAL 21, 31 & 35 SIZE UNITS



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FAN SECTION GROUP: WITH INLET GUIDE VANES TYPICAL 21, 25, 31 & 35 SIZE UNITS





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ITEM	PART DESCRIPTION	39L 21	39L 25	39L 31	39L 35
FAN/COIL SECTION CASING GROUP					
2	B2 BOTTOM PANEL	39LC599903	→	39LC599904	39LC599905
3	B4 BOTTOM PANEL	39LC599906	→	39LC599907	39LC599908
4	B5 BOTTOM PANEL	39LC599909	→	39LC599910	39LC599911
5	D5 DOOR ASSEMBLY	39LC400015	39LC400625	→	39LC400626
	INCLUDES:				
6	DOOR HINGE	KA15BD015	→	→	→
8	S2 SIDE PANEL (NOTE 1)	39LC599015	39LC599912	→	39LC599913
9	S4 SIDE PANEL (NOTE 1)	39LC599014	39LC599914	→	39LC599915
10	S5 SIDE PANEL (NOTE 1)	39LC599012	39LC599916	→	39LC599917
NOTE 1: PUNCH HOLES AS REQUIRED IN SIDE PANELS FOR COIL CONNECTION OPENINGS.					
11	T2 TOP PANEL	39LC599894	→	39LC599895	39LC599896
12	T4 TOP PANEL	39LC599897	→	39LC599898	39LC599899
13	T5 TOP PANEL	39LC599900	→	39LC599901	39LC599902
14	FR DOOR FRAME	39LC400031	39LC400627	→	39LC400628
15	CB5 CONDENSATE BOTTOM PANEL	39LC595030	→	39LC595031	39LC595032
16	INTERMED COND PAN(LA&LD UNITS)	X	39LC400616	39LC400617	39LC400618
17	CP5 CONDENSATE PAN R—H	39LC400620	→	39LC400622	39LC400624
18	CP5 CONDENSATE PAN L—H	39LC400619	→	39LC400621	39LC400623
18A	CONDENSATE DRIP PANEL	X	39LC500680	39LC500681	39LC500682
19	DISCH. FAN DISCHARGE PANEL	39LC500788	39LC500789	39LC500790	39LC500791
20	DISCH. 4 DISCHARGE PANEL	X	39LC595038	→	X
21	DISCH. 5 DISCHARGE PANEL	X	39LC595039	→	39LC595040
22	SIDE CHANNEL	39LC500318	39LC500714	→	39LC500715
23	TOP CHANNEL	39LC500716	→	39LC500717	39LC500718
24	NI CHANNEL, BASE INLET	39LC500805	→	39LC500806	39LC500807
25	CHANNEL, BASE DISCHARGE	39LC500719	→	39LC500720	39LC500721
26	NI CHANNEL, BASE(CENTER)HAT SHAPE	39LC500785	→	39LC500786	39LC500787
27	CHANNEL, REINFORCING	X	X	X	39LC500583
28	DUCT ANGLE (25,31,35 SIZES)	X	39LC500776	39LC500777	39LC500778
29	NI PAINT, TOUCH UP (SEA GREEN)	PH23GL012	→	→	→
29	NI PAINT, 5 GALLON CAN	10P47005	→	→	→
30	NI NAMEPLATE, CARRIER	99NA505683	→	→	→

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ITEM	PART DESCRIPTION	39L 21	39L 25	39L 31	39L 35
INTERNAL FAN SECTION GROUP					
THE FOLLOWING FAN SECTION SERVICE PARTS ARE USED ON					
FANS WITH OR WITHOUT INLET GUIDE VANES:					
31	HOUSING ASSEMBLY	39LC400001	39LC400002	39LC400003	39LC400005
32	CUT—OFF	39LC500394	39LC500395	39LC500396	39LC500397
33	ANGLE, DUCT (21 SIZE)	(2)39LC500316	X	X	X
34	ANGLE, DUCT (21 SIZE)	(2)39LC500771	X	X	X
35	ANGLE, FAN SUPPORT	39LC500080	39LC500644	→	39LC500645
36	ZEE, MOTOR BASE	39LC500311	39LC500814	→	39LC500796
37	ZEE, MOTOR BASE	X	39LC500814	→	39LC500796
38	NUT, MOTOR BASE	(6)AT51AB242	(6) →	(6) →	(6) →
39	PLATE, SCROLL	X	39LC500768	39LC500769	39LC500770
40	ANGLE, MOTOR	39LC500313	39LC500773	→	39LC500775
41	ROD, THREADED	(2)39LC500486	(2) →	(2) →	(2) →
42	RING, INLET	(2)39LC500105	(2)39LC500398	(2) →	(2)39LC500400
43	CHANNEL, MOTOR	(2)39LC500310	(2)39LC500722	(2) →	(2)39LC500724
44	NI BRACKET, MOTOR	39LC500552	X	X	X
45	BRACKET, LIFTING	(4)39LC400027	(4) →	(4) →	(4) →
46	CONNECTOR, BEARING GREASE	DC09DA028	→	→	→
47	CONNECTOR, BEARING GREASE	DC07DA045	→	→	→
48	BRACKET, SUPPORT	X	39LC500879	→	→
49	BRACKET, SUPPORT	X	39LC500880	→	→
50	GROMMET, TUBE	KA56BR100	X	X	X
51	TUBE, PLASTIC	39LC500867	39LC500868	39LC500869	39LC500870
52	LATCH, DOOR	KA07NL061	→	→	→

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ITEM	PART DESCRIPTION	39L 21	39L 25	39L 31	39L 35
INTERNAL FAN SECTION GROUP CONT'D					
THE FOLLOWING FAN SECTION SERVICE PARTS ARE USED ON					
FANS WITHOUT INLET GUIDE VANES:					
53	WHEEL, BLOWER	LA22LA219	LA22LA245	LA22LA246	LA22LA267
54	SHAFT, FAN	39EA40X4174	39LC500488	39LC500489	39EA55X4174
55	BEARING	(2)KT63ZZ118	(2)KT63ZZ120	(2) →	(2)KT63ZZ139
56	NI KEY, BLOWER WHEEL	AW01DA221	AW01DA231	→	AW01DA282
57	KEY, SHEAVE	AW01DA230	→	→	AW01DA289
58	NI CLIP, BALANCE 12.5 GRAINS	LA71ZZ115	→	→	→
58	NI CLIP, BALANCE 25.0 GRAINS	LA71ZZ035	→	→	→
58	NI CLIP, BALANCE 50.0 GRAINS	LA71ZZ048	→	→	→
58	NI CLIP, BALANCE 100 GRAINS	LA71ZZ110	→	→	→
58	NI CLIP, BALANCE 150 GRAINS	LA71ZZ210	→	→	→
58	NI CLIP, BALANCE 7 GRAINS	LA71ZZ070	→	→	→
59	CHANNEL, IGV BASE	X	(2)39LC500650	(2) →	(2)39LC500651
60	CHANNEL, BEARING	(2)39LC500084	(2)39LC500647	(2) →	(2)39LC500648
60A	CHANNEL, BEARING	(2)39LC500083	X	X	X
61	LEG, BEARING CHANNEL	X	(2)39LC500653	(2) →	(2)39LC500654
THE FOLLOWING FAN SECTION SERVICE PARTS ARE USED ON					
FANS WITH INLET GUIDE VANES:					
62	WHEEL, BLOWER	LA22LA219	LA22LA245	LA22LA246	LA22LA267
63	SHAFT, FAN	39EA404204	39LC500489	39EA454204	39EA554204
64	BEARING	(2)KT63ZZ118	(2)KT63ZZ120	(2) →	(2)KT63ZZ139
65	NI KEY, BLOWER WHEEL	AW01DA221	AW01DA231	→	AW01DA282
66	KEY, SHEAVE	AW01DA230	→	AW01DA225	AW01DA285
67	NI CLIP, BALANCE 12.5 GRAINS	LA71ZZ115	→	→	→
67	NI CLIP, BALANCE 25 GRAINS	LA71ZZ035	→	→	→
67	NI CLIP, BALANCE 50 GRAINS	LA71ZZ048	→	→	→
67	NI CLIP, BALANCE 100 GRAINS	LA71ZZ110	→	→	→
67	NI CLIP, BALANCE 150 GRAINS	LA71ZZ210	→	→	→
67	NI CLIP, BALANCE 7 GRAINS	LA71ZZ070	→	→	→
68	CHANNEL, BEARING	(2)39LC500354	(2)39LC500647	(2) →	(2)39LC500648
69	CHANNEL, BEARING (LEG)	(2)39LC500358	(2)39CL500653	(2) →	(2)39LC500654
70	CHANNEL, IGV BASE	(2)39LC500364	(2)39LC500650	(2) →	(2)39LC500651
71	SHAFT, JACK	39EA459982	→	39EA659982	39EA706332
72	BEARING, JACK SHAFT	(2)KT58BZ043	(2) →	(2) →	(2) →
73	COLLAR, SHAFT	(2)KT51DC001	(2) →	(2) →	(2) →
74	LEVER, OPERATING	(3)39EA402762	(3) →	(3) →	(3) →
75	ROD, LINKAGE	(2)39LC500349	(2)39CL500472	(2) →	(2)39EA706342
76	LINKAGE, CONNECTION	(4)HF91BB115	(4) →	(4) →	(4) →
77	INLET VANE ASSY C.W. (NOTE 2)	39EA40G823	39EA50G823	→	39EA55G823
78	INLET VANE ASSY C.C.W. (NOTE2)	39EA40G813	39EA50G813	→	39EA55G813
NOTE 2: REFER TO PAGE 20 FOR IGV ROTATION REFERENCE.					

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COIL SECTION (Plate Fin)

Inquiries concerning coils must be accompanied by the complete part number found on the serial nameplate.

COIL NO. POSITION	1,2,3	4	5	6	7,8	9	10	11	12,13,14	15	16
COIL TYPE	MODEL	COIL TYPE	COIL POSITION*	ROWS	TUBES IN FACE	CIRCUITING	FIN MATERIAL & SPACING	TUBE SIZE & MATERIAL	LENGTH BETWEEN TUBE SHEETS (CM)	DISTRIBUTOR NOZZLE ORIFICE SIZE	HAND
Hot Water	28L	U	2 3 4	1 2	12, 16, 20, 26, 30, 36, 38	M = Half T = Full			066 086 096 116 136 166 196 216	Blank	R = Right L = Left
Chilled Water		W				Q = Quarter H = Half F = Full D = Double					
Direct Expansion		X	1 2 3 5	4 6 8	12, 16, 20, 24, 26, 30, 32, 36, 38	A = Face Split Quarter B = Face Split Half C = Face Split Full D = Double Crkt E = Row Split Quarter H = Row Split Half F = Row Split Full	A = Al 8 F.P.I. B = Al 14 F.P.I. K = Cu 8 F.P.I. L = Cu 14 F.P.I.			B = #¾ C = #1 D = #1½ E = #2 F = #2½ G = #3 H = #4 J = #5 K = #6 L = #8 M = #10 N = #12 P = #15 Q = #17 R = #20 S = #25 T = #30 U = #35 V = #40 W = #50 X = #3	
Steam		Z	2 3 4	1	04, 06, 08, 10, 12, 14, 15	F = Full	C = Al 6 F.P.I. D = Al 9 F.P.I. E = Al 12 F.P.I.	Copper 3 = 1" OD x .030 Wall		Blank	

POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
SAMPLE SALES ORDER NO.	2	8	L	Z	1	1	0	6	F	D	3	0	8	6	—	L

The sample "Sales Order No." shown would be a one-row, 06 Tube In Face, non-freeze full-circuit coil with 9 fins per inch, 1" OD x .030 wall copper tubes standard headers and 86 CM between tube sheets for left-hand installation.

*See Page 6 for coil position locations.

NOTE: See "Catalog Notes" on last page for explanation of symbolism.



CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

39L COIL SECTION DISTRIBUTOR NOZZLE GROUP

DISTRIBUTOR NOZZLES FOR 28LX COILS:

NUMBER OF CIRCUITS	POSITION #15 OF COIL NO.	NOZZLE IDENT. NUMBER	DISTRIBUTOR NOZZLE	
2 - 7	B	G - ¾	--EA--19CY-899--	As Required
2 - 7	C	G - 1	--EA--19CY-901--	As Required
2 - 7	D	G - 1½	--EA--19CY-900--	As Required
2 - 7	E	G - 2	--EA--19CY-902--	As Required
2 - 7	F	G - 2½	--EA--19CY-932--	As Required
2 - 7	G	G - 3	--EA--19CY-903--	As Required
2 - 7	H	G - 4	--EA--19CY-904--	As Required
2 - 7	J	G - 5	--EA--19CY-905--	As Required
2 - 7	K	G - 6	--EA--19CY-906--	As Required
2 - 7	L	G - 8	--EA--19CY-907--	As Required
2 - 7	M	G - 10	--EA--19CY-911--	As Required
2 - 7	N	G - 12	--EA--19CY-912--	As Required
2 - 7	X	G - 3	--EA--19CY-903--	As Required
8, 9, 10 or 12	G	E - 3	--EA--09ZC-003--	As Required
8, 9, 10 or 12	H	E - 4	--EA--09ZC-008--	As Required
8, 9, 10 or 12	J	E - 5	--EA--09ZC-010--	As Required
8, 9, 10 or 12	K	E - 6	--EA--09ZC-012--	As Required
8, 9, 10 or 12	L	E - 8	--EA--09ZC-016--	As Required
8, 9, 10 or 12	M	E - 10	--EA--09ZC-020--	As Required
8, 9, 10 or 12	N	E - 12	--EA--09ZC-022--	As Required
8, 9, 10 or 12	P	E - 15	--EA--09ZC-015--	As Required
8, 9, 10 or 12	Q	E - 17	--EA--09ZC-017--	As Required
8, 9, 10 or 12	R	E - 20	--EA--09ZC-021--	As Required
8, 9, 10 or 12	S	E - 25	--EA--09ZC-025--	As Required
8, 9, 10 or 12	T	E - 30	--EA--09ZC-033--	As Required
8, 9, 10 or 12	X	E - 3	--EA--09ZC-003--	As Required
18 or 20	G	C - 3	--EA---19CZ-903--	As Required
18 or 20	H	C - 4	--EA---19CZ-904--	As Required
18 or 20	J	C - 5	--EA---19CZ-905--	As Required
18 or 20	K	C - 6	--EA---19CZ-906--	As Required
18 or 20	L	C - 8	--EA---19CZ-907--	As Required
18 or 20	M	C - 10	--EA---19CZ-908--	As Required
18 or 20	N	C - 12	--EA---19CZ-909--	As Required
18 or 20	P	C - 15	--EA---19CZ-910--	As Required
18 or 20	Q	C - 17	--EA---19CZ-911--	As Required
18 or 20	R	C - 20	--EA---19CZ-912--	As Required
18 or 20	S	C - 25	--EA---19CZ-925--	As Required
18 or 20	T	C - 30	--EA---19CZ-930--	As Required
18 or 20	U	C - 35	--EA---19CZ-935--	As Required
18 or 20	V	C - 40	--EA---19CZ-940--	As Required
18 or 20	W	C - 50	--EA---19CZ-950--	As Required
18 or 20	X	C - 3	--EA---19CZ-903--	As Required

NOTE: See "Catalog Notes" on last page for explanation of symbolism.



CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

ITEM	PART DESCRIPTION	28LX COILS
COIL AND PIPING GROUP		
DISTRIBUTOR SELECTION CHART FOR 28LX COILS:		
	NUMBER OF CIRCUITS	PART NUMBER
	2 CIRCUITS (NOTE 3)	EA07NC262
	3 CIRCUITS	EA07FC027
	4 CIRCUITS	EA07NC262
	5 CIRCUITS	EA07NC263
	6 CIRCUITS	EA07NC264
	7 CIRCUITS	EA07HC207
	8 CIRCUITS	EA07KC240
	9 CIRCUITS	EA07KC241
	10 CIRCUITS	EA07KC242
	11 CIRCUITS	EA07LC510
	12 CIRCUITS	EA07LC250
	18 CIRCUITS	EA07TC280
	20 CIRCUITS	EA07TC005
NOTE 3: PLUG TWO CIRCUITS AS REQUIRED.		

NOTE: See "Catalog Notes" on last page for explanation of symbolism.

SECTION 2: ACCESSORY SECTION
MXB & FMB SECTION



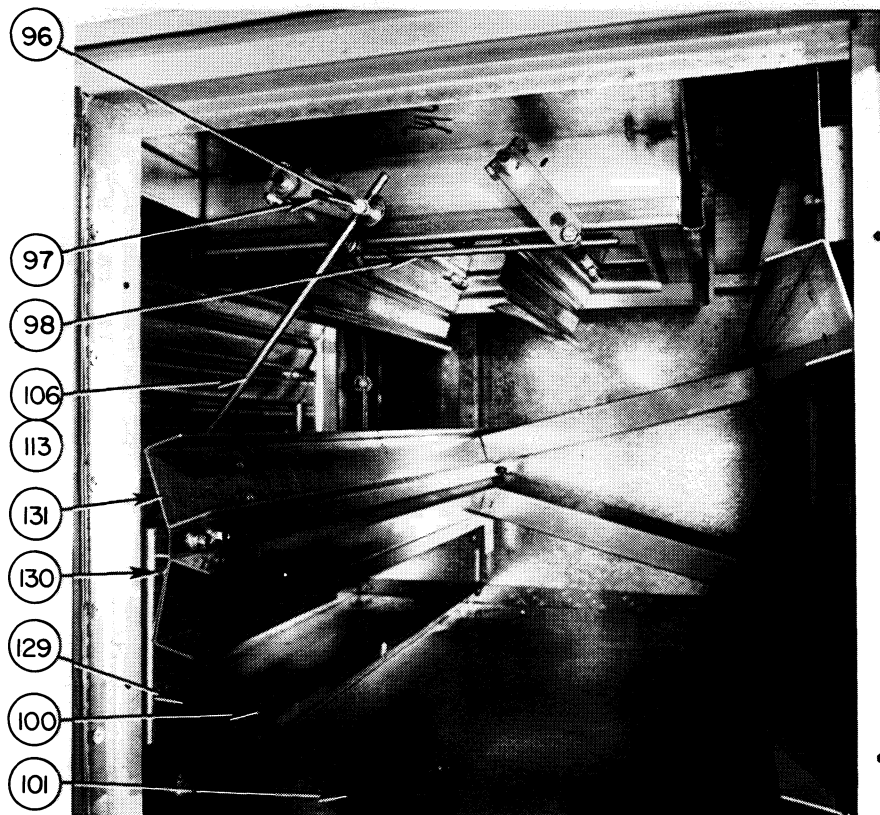
25, 31, 35 SIZE MXB-2, MXB-3, FMB-5, FMB-6 ALL HAVE COMMON LINKAGE PARTS



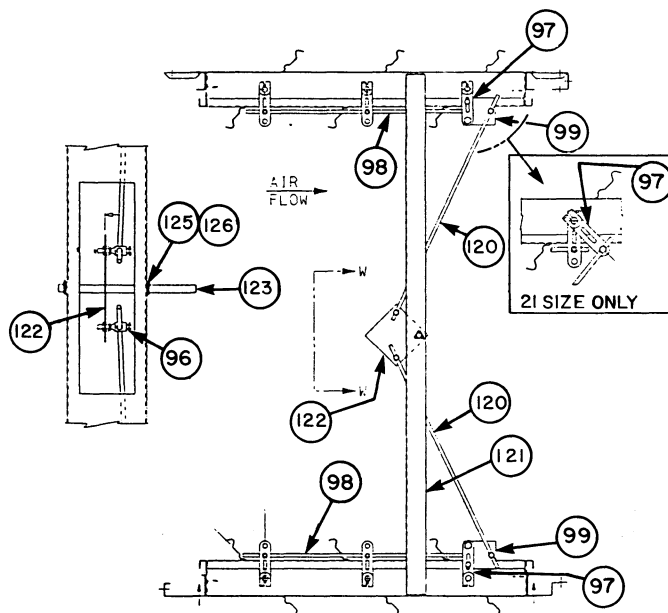
CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

MXB & FMB SECTION:
21 SIZE MXB-2, MXB-3, FMB-5, FMB-6 ALL HAVE COMMON LINKAGE PARTS



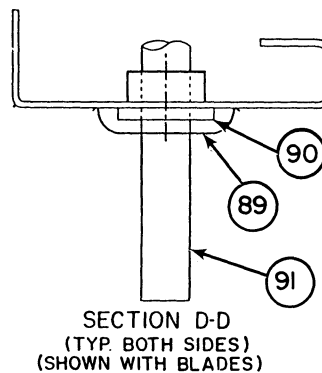
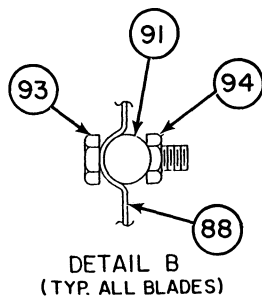
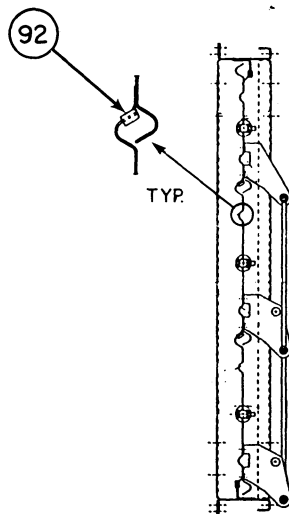
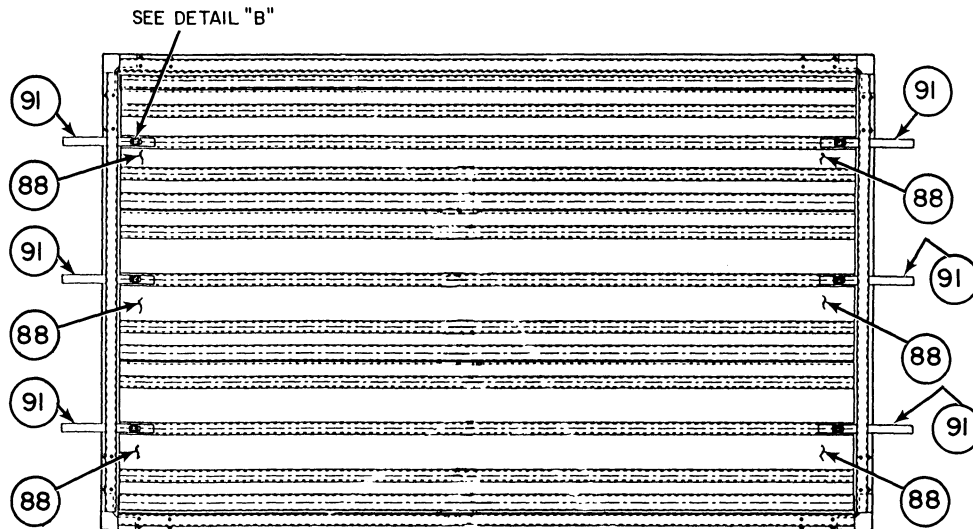
MXB-4 SECTION:
TOP AND BOTTOM LINKAGE ARRANGEMENT 21, 25, 31, 35 SIZES



CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

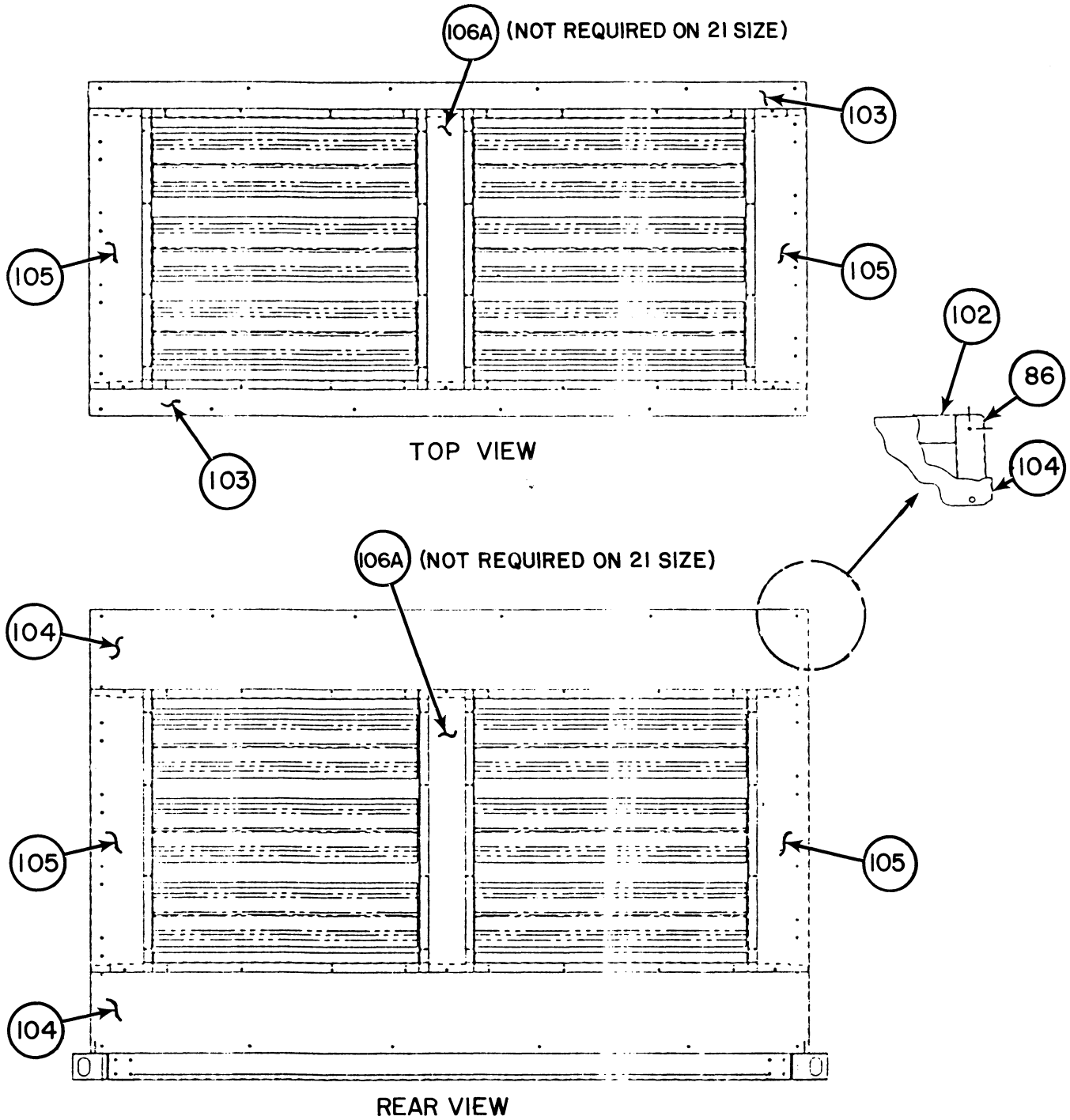
MXB & FMB SECTION: MXB & FMB DAMPER ASSEMBLY



CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

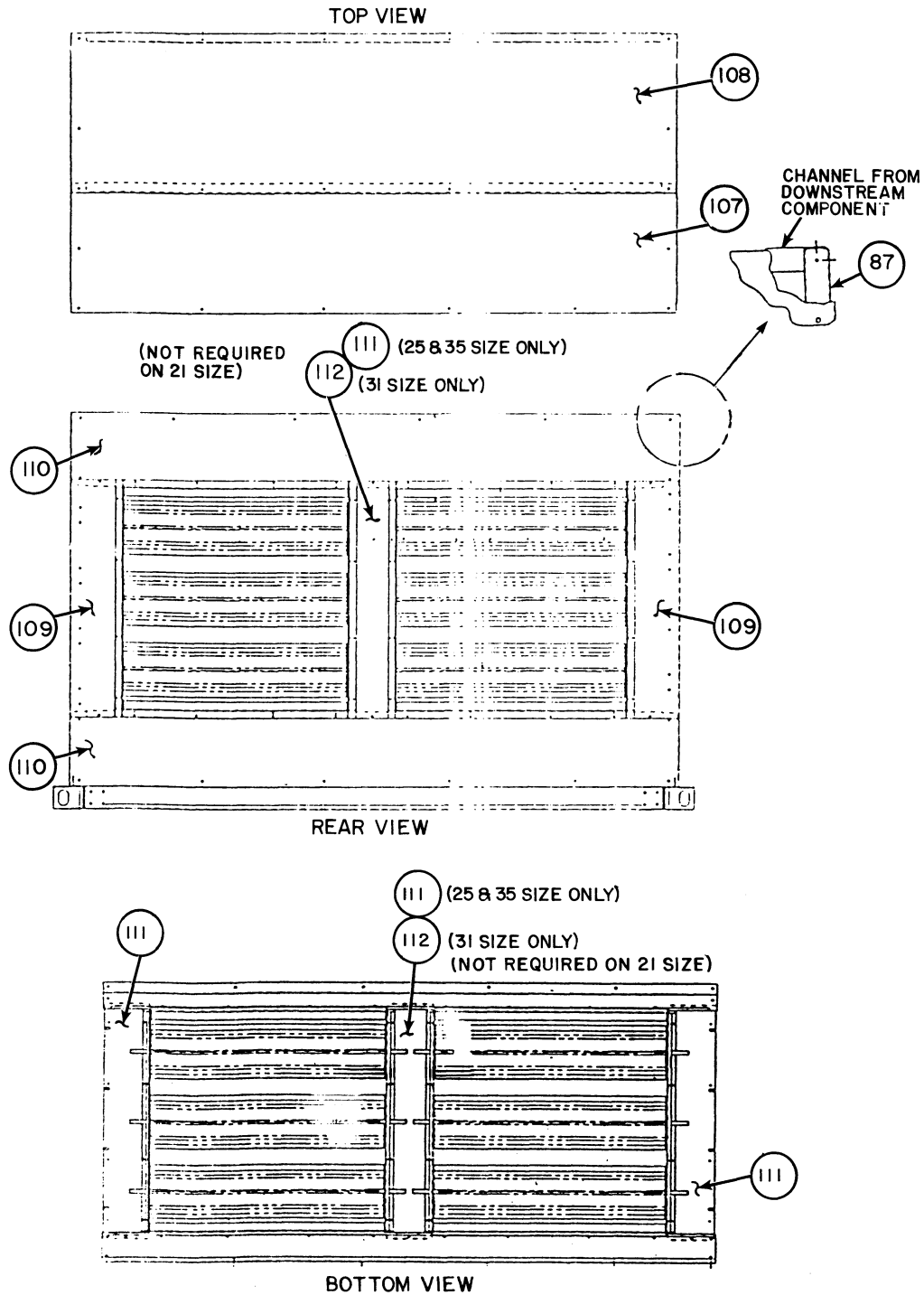
MXB-2 & FMB-5 SECTIONS: TOP AND REAR



CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

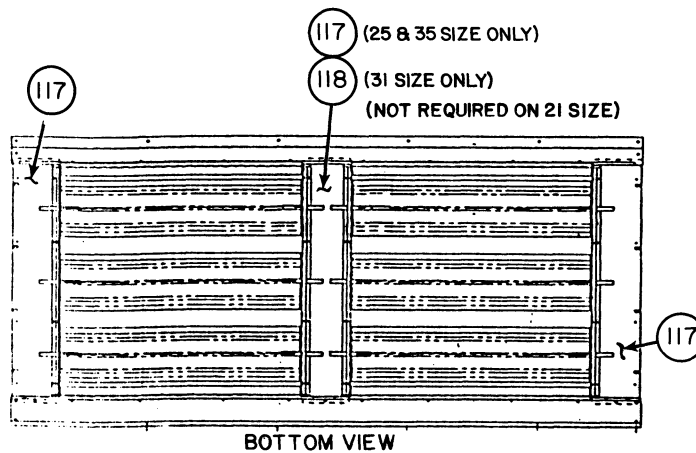
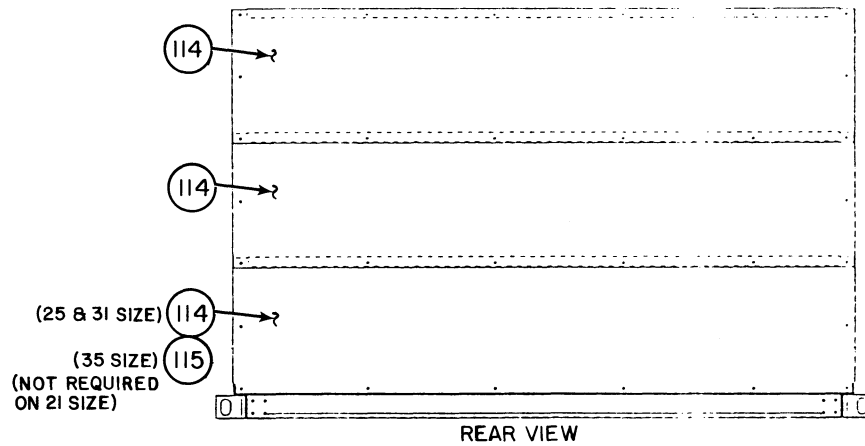
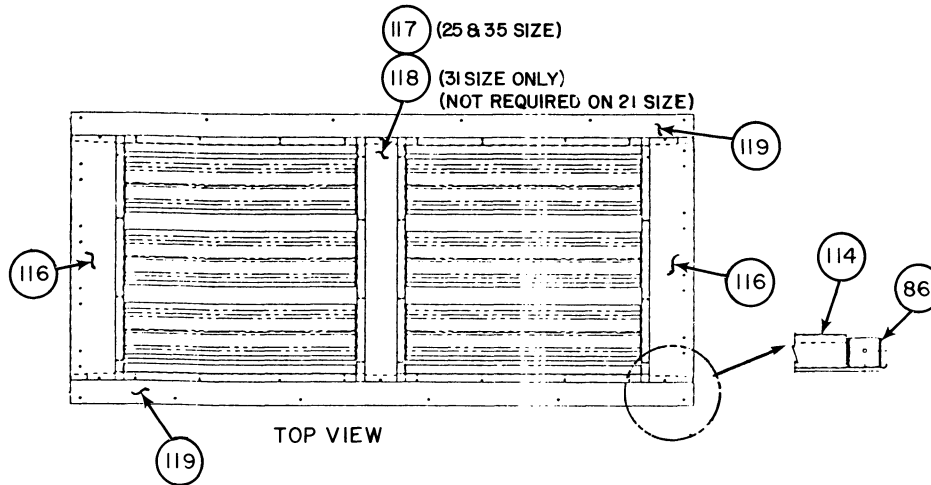
MXB-3 & FMB-6 SECTIONS: BOTTOM AND REAR



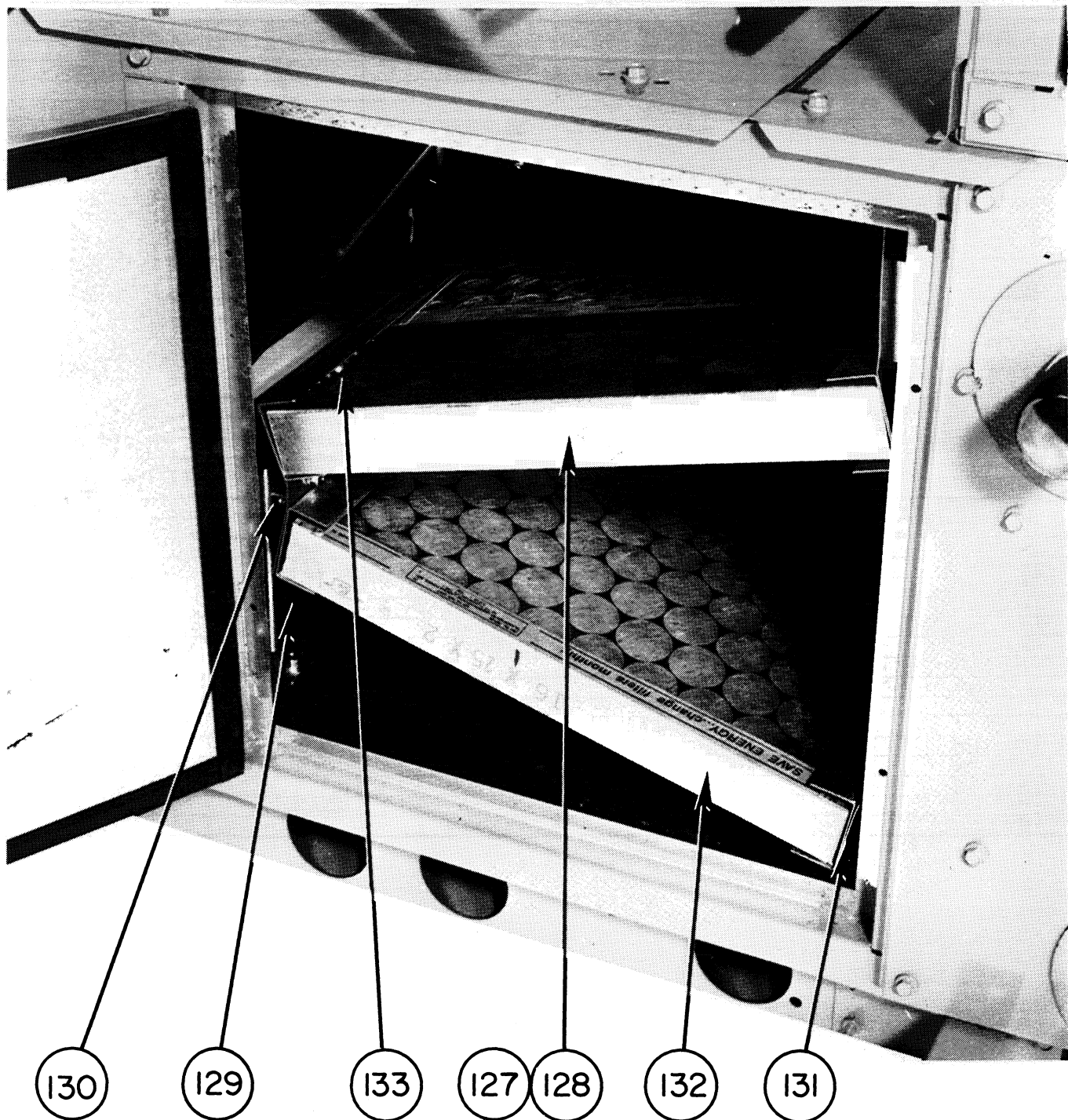
CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

MXB-4 SECTION: TOP AND BOTTOM



FMB-5 & FMB-6 SECTIONS





CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

ITEM	PART DESCRIPTION	39L 21	39L 25	39L 31	39L 35
MXB/FMB SECTION GROUP					
THE FOLLOWING SERVICE PARTS ARE USED ON					
MXB-2, MXB-3, MXB-4, FMB-5 AND FMB-6 SECTIONS:					
81	PANEL, SIDE	(2)39LC599014	(2)39LC599914	(2) →	(2)39LC599915
82	NI PANEL, SIDE	39LC599012	39LC599916	→	39LC599917
83	DOOR ASSEMBLY	39LC400015	39LC400625	→	39LC400626
	INCLUDES:				
84	DOOR HINGE	KA15BD015	→	→	→
85	DOOR FRAME	39LC400031	39LC400627	→	39LC400628
86	CHANNEL, SIDE	39LC500318	39LC500714	→	39LC500715
87	DAMPER ASSEMBLY	(2)39LC406012	(4)39LC406013	(4)39LC406014	(4)39LC406015
	INCLUDES:				
88	BLADE, DAMPER	(3)99FD500364	(3)99FD500414	(3)99FD400424	(3)99FD400434
89	SEAL, SIDE	(2)99FD500024	(2) →	(2) →	(2) →
90	BEARING, SHAFT	(6)KT50NZ045	(6) →	(6) →	(6) →
91	SHAFT, DAMPER BLADE	(6)AX23AB060	(6)39LC500907	(6) →	(6) →
92	SEAL, DAMPER	(4)99FD500084	(4)99FD500094	(4)99FD500454	(4)99FD500314
93	BOLT, CAPSCREW	(6)AA06BS170	(6) →	(6) →	(6) →
94	NUT, LOCKWASHER	(6)AT31AB171	(6) →	(6) →	(6) →
95	LATCH, DOOR	(2)KA07NL061	(2) →	(2) →	(2) →
96	LINKAGE, CONNECTION	(8)HF91BB115	(8) →	(8) →	(8) →
97	LEVER, OPERATING	(8)39EA402762	(12) →	(12) →	(12) →
97A	SPACER, OPERATING LEVER	X	(6)JC40CK000	(6) →	(6) →
98	ROD, LINKAGE	(2)39LC500471	(2) →	(2) →	(2) →
99	PLATE, LINKAGE	X	(2)39LC500871	(2) →	(2) →
THE FOLLOWING SERVICE PARTS ARE USED ON					
MXB-2 AND FMB-5 SECTIONS ONLY (TOP AND REAR):					
100	PANEL, BOTTOM	39LC599906	→	39LC599907	39LC599908
101	PANEL, BOTTOM	39LC599909	→	39LC599910	39LC599911
102	CHANNEL, TOP	39LC500716	→	39LC500717	39LC500718
103	PANEL, MXB	(2)39LC500732	(2) →	(2)39LC500735	(2)39LC500737
104	PANEL, MXB	(2)39LC500733	(2)39LC500734	(2)39LC500736	(2)39LC500738
105	PANEL, MXB	(4)39LC500728	(4)39LC500729	(4)39LC500730	(4)39LC500731
106	ROD, LINKAGE	39LC500468	39LC500470	→	39LC500349
106A	PLATE, MXB	X	(2)39LC500740	(2) →	(2) →
THE FOLLOWING SERVICE PARTS ARE USED ON					
MXB-3 AND FMB-6 SECTIONS ONLY (BOTTOM AND REAR):					
107	PANEL, TOP	39LC599897	→	39LC599898	39LC599899
108	PANEL, TOP	39LC599900	→	39LC599901	39LC599902
109	PANEL, MXB	(2)39LC500728	(2)39LC500729	(2)39LC500730	(2)39LC500731
110	PANEL, MXB	(2)39LC500733	(2)39LC500734	(2)39LC500736	(2)39LC500738
111	PLATE, MXB	(2)39LC500739	(4)39LC500740	(2) →	(4) →
112	PLATE, MXB	X	X	(2)39LC500741	X
113	ROD, LINKAGE	39LC500468	39LC500470	→	39LC500349

NOTE: See "Catalog Notes" on last page for explanation of symbolism.



CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

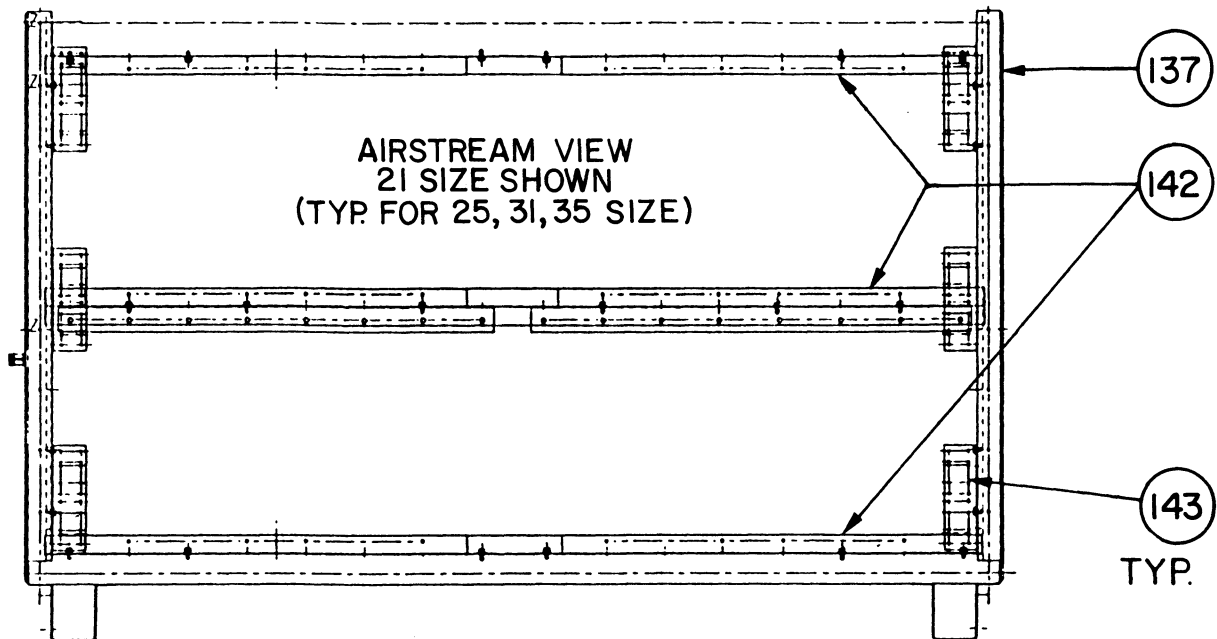
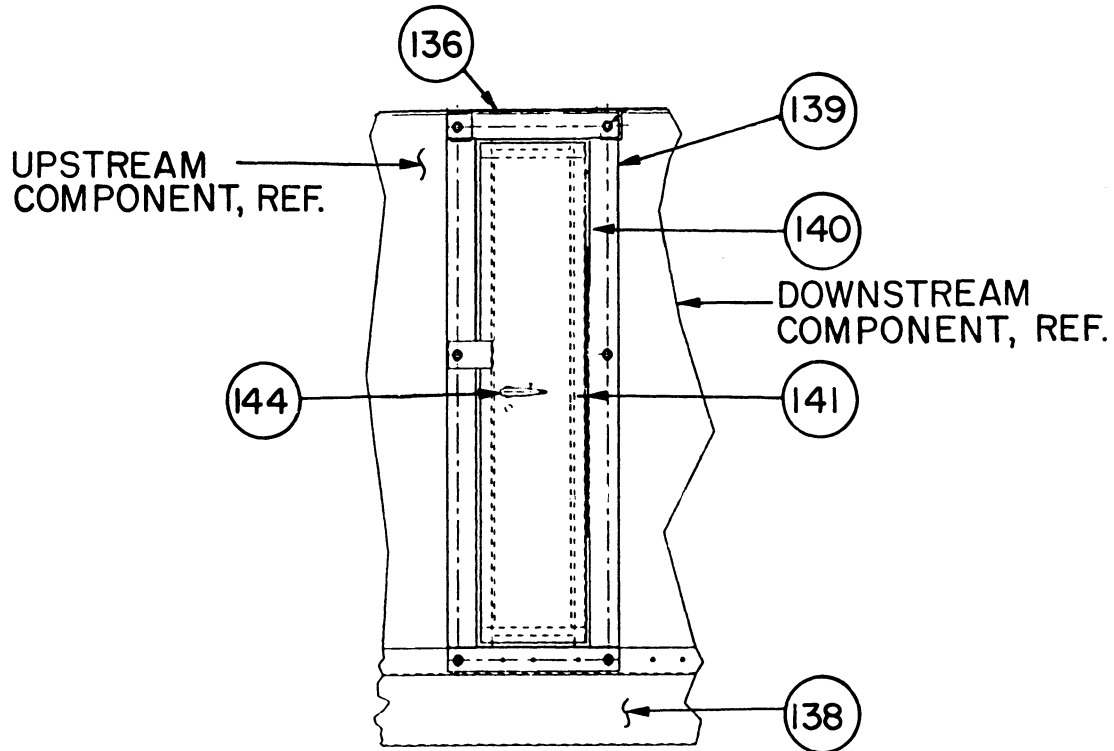
ITEM	PART DESCRIPTION	39L 21	39L 25	39L 31	39L 35
MXB/FMB SECTION GROUP CONT'D.					
THE FOLLOWING SERVICE PARTS ARE USED ON					
MXB-4 SECTIONS ONLY (TOP AND BOTTOM):					
114	PANEL, TOP	(2)39LC599900	(3)39LC599897	(3)39LC599898	(2)39LC599899
115	PANEL, TOP	X	X	X	39LC599902
116	PANEL, MXB	(2)39LC500728	(2)39LC500729	(2)39LC500730	(2)39LC500731
117	PLATE, MXB	(2)39LC500739	(4)39LC500740	(2)39LC500741	(4)39LC500740
118	PLATE, MXB	X	X	(2)39LC500740	X
119	PANEL, MXB	(2)39LC500732	(2) →	(2)39LC500735	(2)39LC500737
120	ROD, LINKAGE	(2)39LC500349	(2)39EA556342	(2) →	(2)39LC500472
121	CHANNEL, LINKAGE	39LC500876	39LC500877	→	39LC500878
122	PLATE ASSEMBLY	39LC400032	→	→	→
INCLUDES:					
123	ROD, LINKAGE	39LC500476	→	→	→
124	NI PLATE, LINKAGE	39LC500477	→	→	→
125	FASTENER, PUSH-ON	(2)AS31YD806	(2) →	(2) →	(2) →
126	BUSHING, BEARING	(2)KT50VB039	(2) →	(2) →	(2) →
THE FOLLOWING SERVICE PARTS ARE USED ON FMB-5 (TOP AND REAR)					
AND FMB-6 (BOTTOM AND REAR) SECTIONS ONLY :					
127	PANEL, SPACER	(8)39LC500479	(10) →	(5) →	(12) →
128	PANEL, SPACER	X	X	(5)39LC500480	X
129	BRACKET, FILTER	(6)39LC500481	(8) →	(8) →	(10) →
130	BRACKET, FILTER	(6)39LC500482	(8) →	(8) →	(10) →
131	TRACK, FILTER	(8)39LC500756	(10) →	(10)39LC500757	(12)39LC500758
132	FILTER 16X25X2 (PER TRACK)	(2)PROCURE LOCALLY	(2) →	→	(2) →
132	FILTER 16X20X2 (PER TRACK)	PROCURE LOCALLY	→	(3) →	(2) →
133	PLUG BUTTON	(8)KA51SP102	(10) →	(10) →	(12) →

NOTE: See "Catalog Notes" on last page for explanation of symbolism.

CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

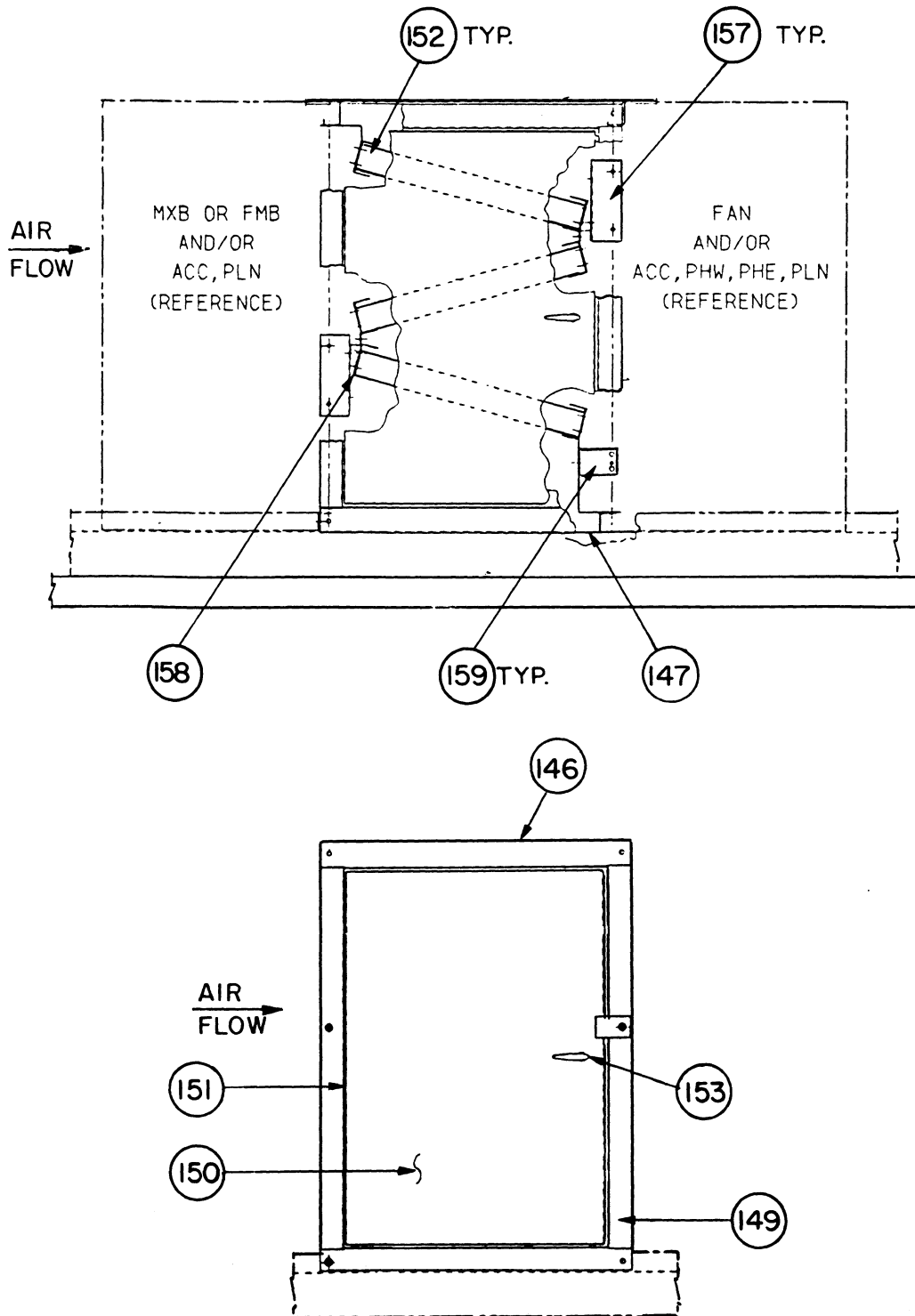
FLAT FILTER SECTION



CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

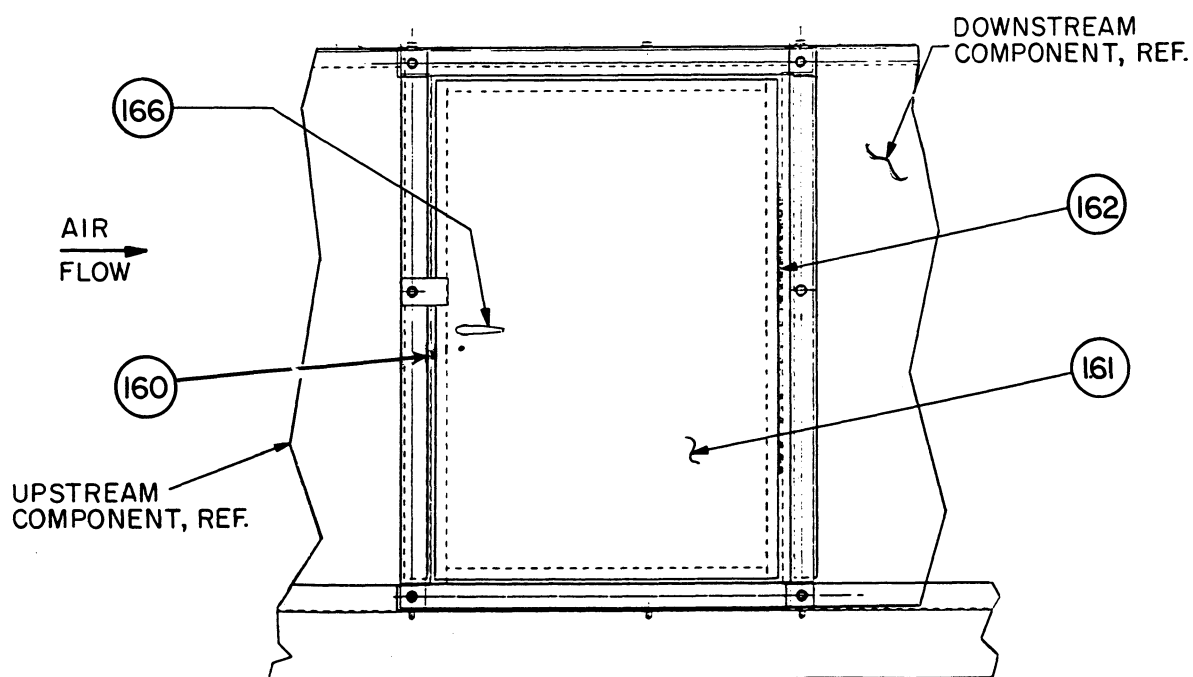
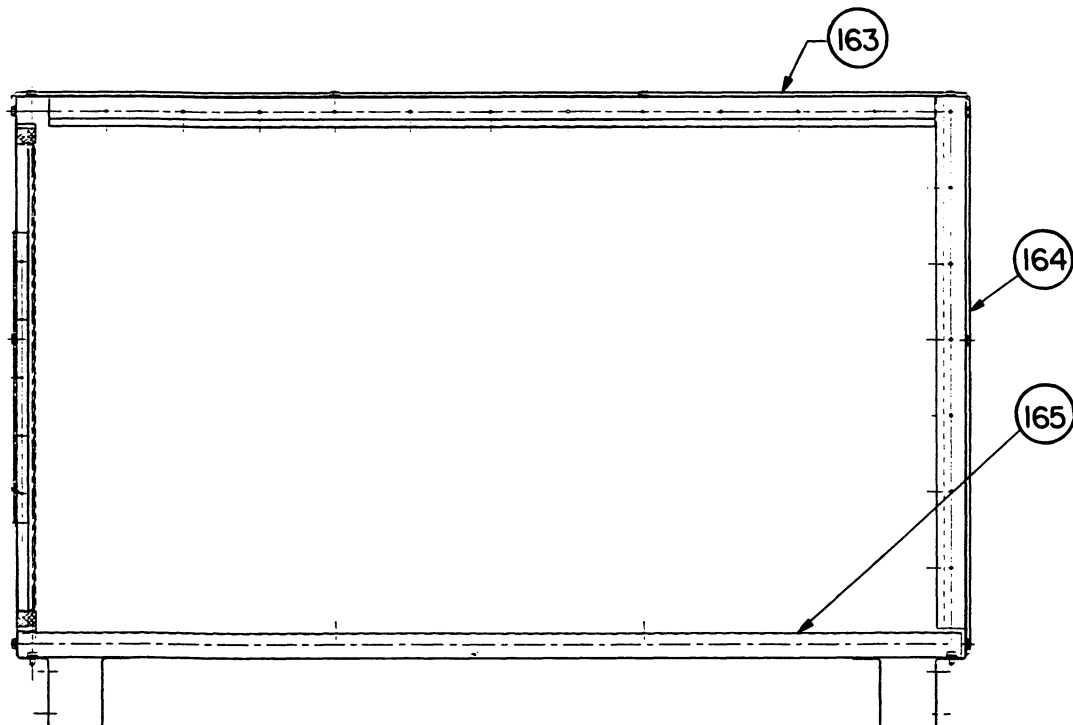
ANGLE FILTER SECTION



CENTRAL-STATION AIR-HANDLING UNIT

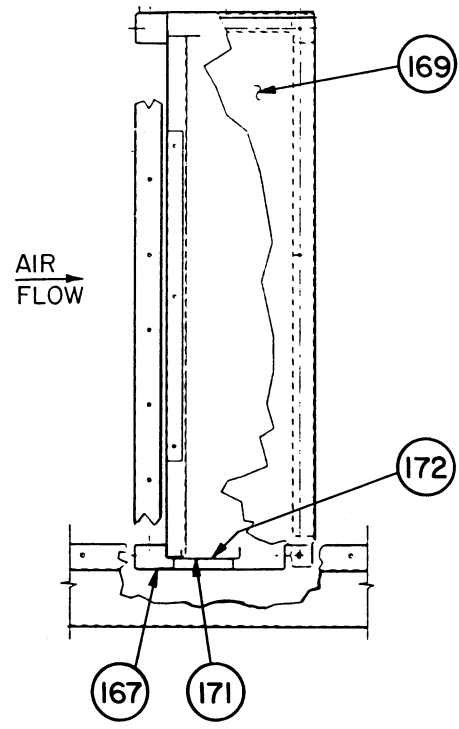
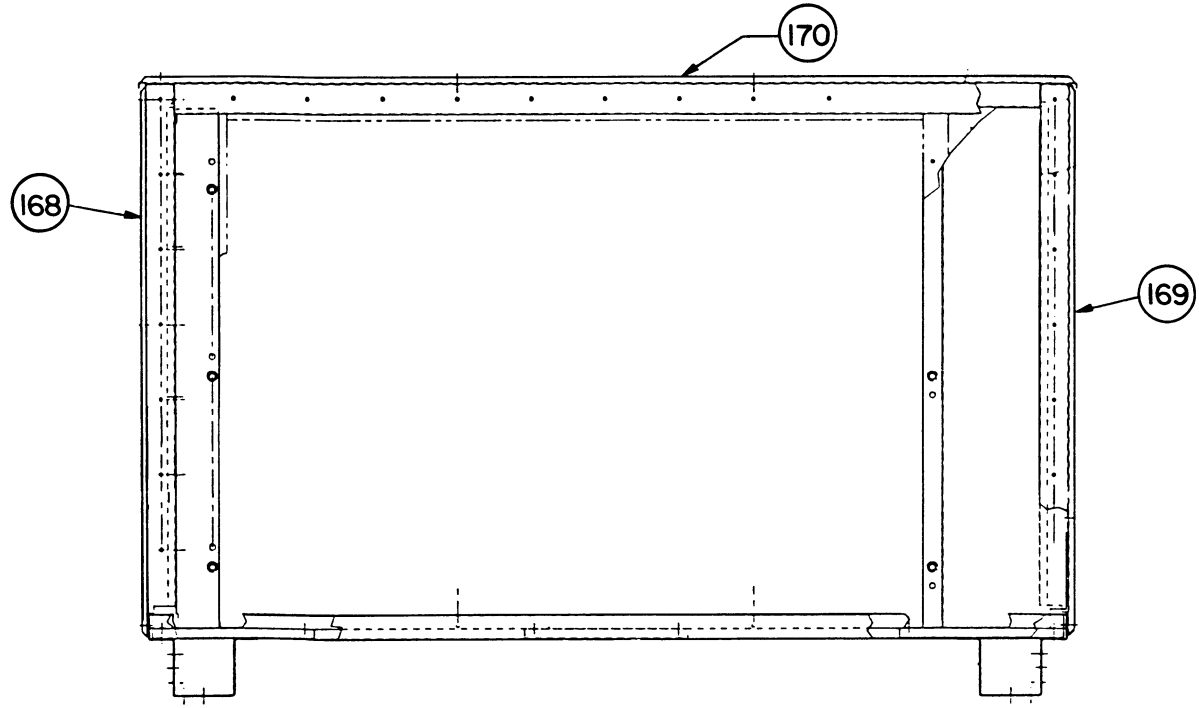
39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

ACCESS SECTION



CENTRAL-STATION AIR-HANDLING UNIT

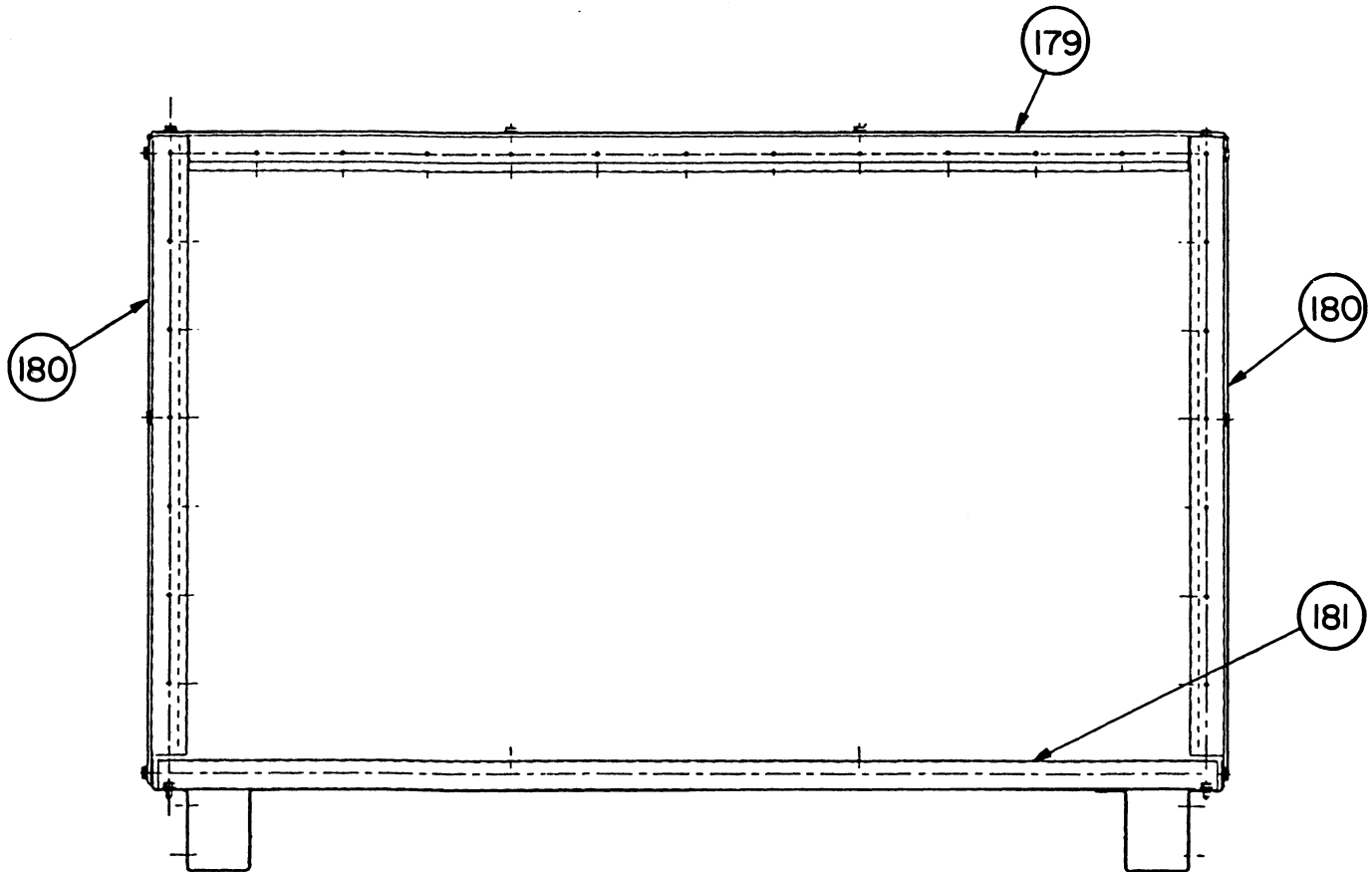
PREHEAT WATER SECTION



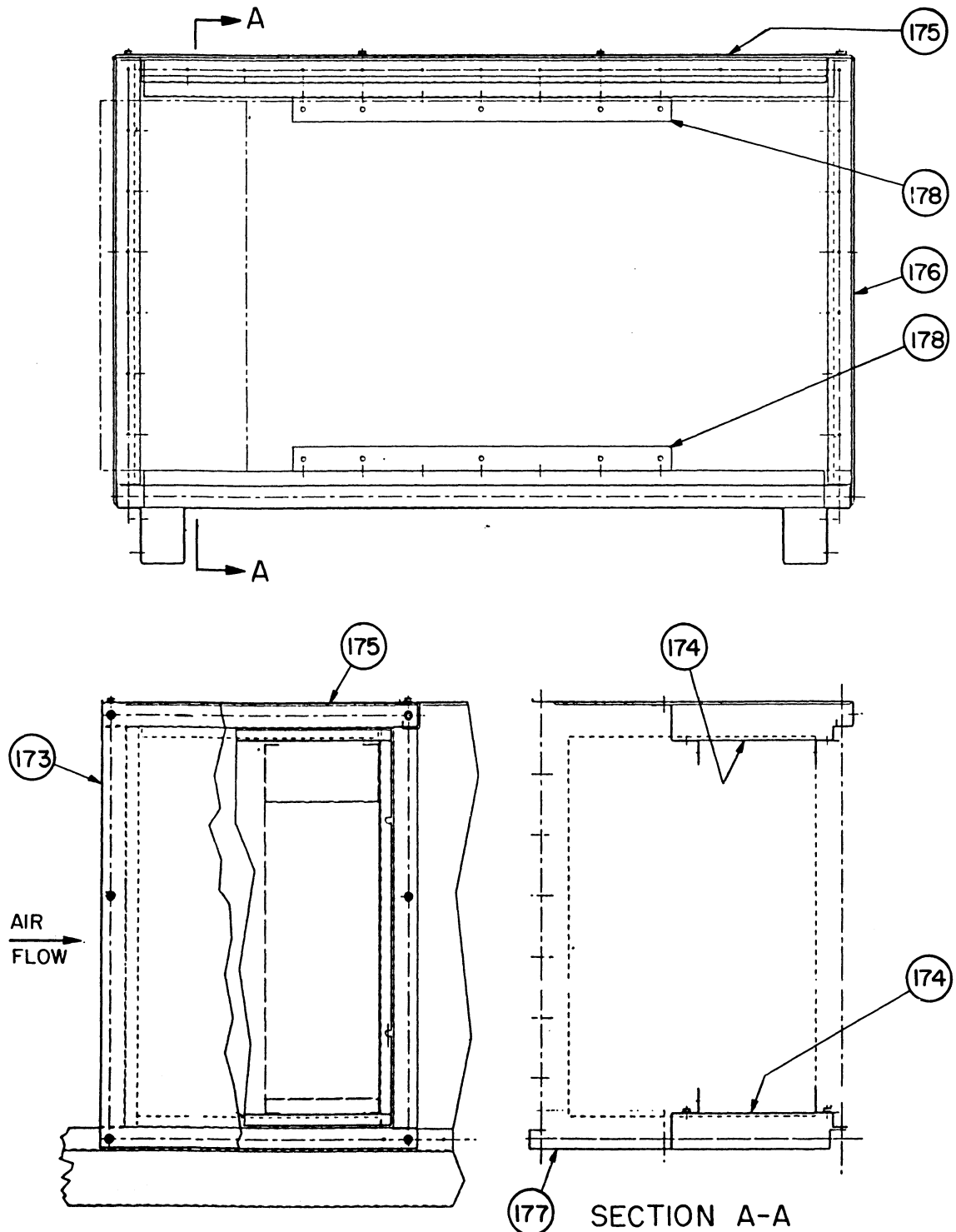
CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

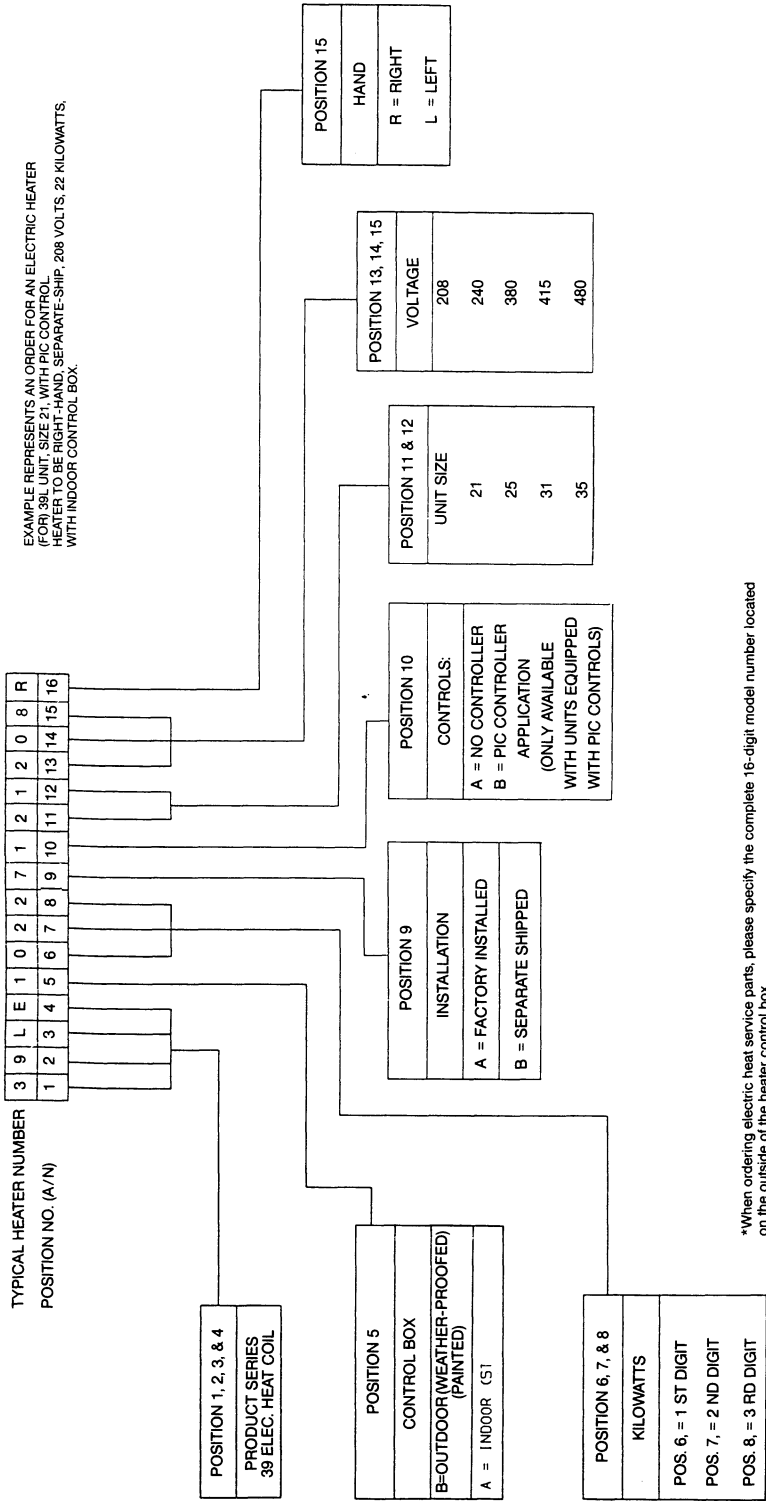
PLENUM SECTION



PREHEAT ELECTRIC HEAT SECTION



ELECTRIC HEAT MODEL NO. BREAKDOWN*





CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

ITEM	PART DESCRIPTION	39L 21	39L 25	39L 31	39L 35
ACCESSORY GROUP					
	FLAT FILTER SECTION				
	INCLUDES:				
134	NI SPACER, FILTER	39LC500479	(2)39LC500381	(2) →	(3)39LC500479
134	NI SPACER, FILTER	39LC500480	(2)39LC500380	(2) →	(3)39LC500480
134	NI SPACER, FILTER	39LC500380	X	X	X
134	NI SPACER, FILTER	39LC500382	X	X	X
135	NI PLUG BUTTON	(4)KA51SP102	(4) →	(4) →	(4) →
136	PANEL, TOP	39LC599894	→	39LC599895	39LC599896
137	PANEL, SIDE	39LC599015	39LC599912	→	39LC599913
138	PANEL, BOTTOM	39LC599903	→	39LC599904	39LC599905
139	DOOR FRAME	39LC400216	39LC400715	→	39LC400716
140	DOOR ASSEMBLY	39LC400220	39LC400713	→	39LC400714
	INCLUDES:				
141	HINGE, DOOR	KA15BD015	→	→	→
142	TRACK, FILTER	(4)39LC500838	(4) →	(4)39LC500839	(6)39LC500840
143	BRACKET, TRACK	(8)39LC500328	(8) →	(8) →	(12) →
144	LATCH, DOOR	(2)KA07NL061	(2) →	(2) →	(2) →
145	NI FILTER	(3)16X25X4	(2) →	(4) →	(9) →
145	NI FILTER	X	(2)20X16X4	(4) →	X
145	NI FILTER	(3)20X25X4	(2) →	→	(3) →
145	NI FILTER	X	(2)20X20X4	→	X
	ANGLE FILTER SECTION				
	INCLUDES:				
146	PANEL, TOP	39LC599900	→	39LC599901	39LC599902
147	PANEL, BOTTOM	39LC599909	→	39LC599910	39LC599911
148	NI PANEL, SIDE	39LC599012	39LC599916	→	39LC599917
149	DOOR FRAME	39LC400031	39LC400627	→	39LC400628
150	DOOR ASSEMBLY	39LC400015	39LC400625	→	39LC400626
	INCLUDES:				
151	HINGE, DOOR	KA15BD015	→	→	→
152	TRACK, FILTER	(8)39LC500756	(10) →	(10)39LC500757	(12)39LC500758
153	LATCH, DOOR	(2)KA07NL061	(2) →	(2) →	(2) →
154	NI SPACER, PANEL	(8)39LC500479	(10) →	(5) →	(12) →
154	NI SPACER, PANEL	X	X	(5)39LC500480	X
155	NI PLUG BUTTON	(8)KA51SP102	(10) →	(10) →	(12) →
156	NI FILTER (PER TRACK)	(2)16X25X2	(2) →	→	(2) →
156	NI FILTER (PER TRACK)	16X20X2	→	(3) →	(2) →
157	BRACKET, FILTER	(6)39LC500481	(8) →	(8) →	(10) →
158	BRACKET, FILTER	(6)39LC500482	(8) →	(8) →	(10) →
159	ANGLE, BRACKET	(4)39LC500549	(4) →	(4) →	(2) →
	ACCESS SECTION				
	INCLUDES:				
160	DOOR FRAME	39LC400031	39LC400627	→	39LC400628
161	DOOR ASSEMBLY	39LC400015	39LC400625	→	39LC400626
	INCLUDES:	X	X	X	X
162	HINGE, DOOR	KA15BD015	→	→	→
163	PANEL, TOP	39LC599900	→	39LC599901	39LC599902
164	PANEL, SIDE	39LC599012	39LC599916	→	39LC599917
165	PANEL, BOTTOM	39LC599909	→	39LC599910	39LC599911
166	LATCH, DOOR	(2)KA07NL061	(2) →	(2) →	(2) →

NOTE: See "Catalog Notes" on last page for explanation of symbolism.



CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

ITEM	PART DESCRIPTION	39L 21	39L 25	39L 31	39L 35
ACCESSORY GROUP CONT'D					
	PREHEAT WATER SECTION				
	INCLUDES:				
167	PANEL, BOTTOM	39LC599903	→	39LC599904	39LC599905
168	PANEL, SIDE	39LC599015	39LC599912	→	39LC599913
169	PANEL, SIDE	39LC595021	39LC595024	→	39LC595025
170	PANEL, TOP	39LC599894	→	39LC599895	39LC599896
171	BRACKET, COIL	(3)39LC500065	(3) →	(4) →	(4) →
172	CHANNEL, SUPPORT	39LC500800	→	39LC500801	39LC500802
	PREHEAT ELECTRIC HEAT SECTION				
	INCLUDES:				
173	FRAME ASSEMBLY	39LC400031	39LC400627	→	39LC400628
174	PANEL, HEATER	(2)39LC500725	(2) →	(2)39LC500726	(2)39LC500727
175	PANEL, TOP	39LC599900	→	39LC599901	39LC599902
176	PANEL, SIDE	39LC599012	39LC599916	→	39LC599917
177	PANEL, BOTTOM	39LC599909	→	39LC599910	39LC599911
178	ANGLE, SIDE	(4)39LC500306	(4) →	(4) →	(4) →
	PLENUM SECTION				
	INCLUDES:				
179	PANEL, TOP	39LC599894	→	39LC599895	39LC599896
180	PANEL, SIDE	(2)39LC599015	(2)39LC599012	(2) →	(2)39LC599913
181	PANEL, BOTTOM	39LC599903	→	39LC599904	39LC599905

NOTE: See "Catalog Notes" on last page for explanation of symbolism.



CENTRAL-STATION AIR-HANDLING UNIT

39
LA, LB, LC, LD,
LF, LG & LH
21 - 35 SIZE

ITEM	PART DESCRIPTION	39L 21-39L 35
ACCESSORY GROUP		
39L UNIT ACCESSORIES		
NI	PAINT, TOUCH—UP (SEA GREEN)	PH23GL012
NI	PAINT, 5 GALLON CAN	10P47005
	SEAL STRIP, DOOR	99SR01161260000
	1"X.75"X50" (SPEC. #QR09-14)	
	GASKET, OUTDOOR	PG3356
	.125"X1.25"X50" (SPEC. #QR09-30)	

NOTE: See "Catalog Notes" on last page for explanation of symbolism.