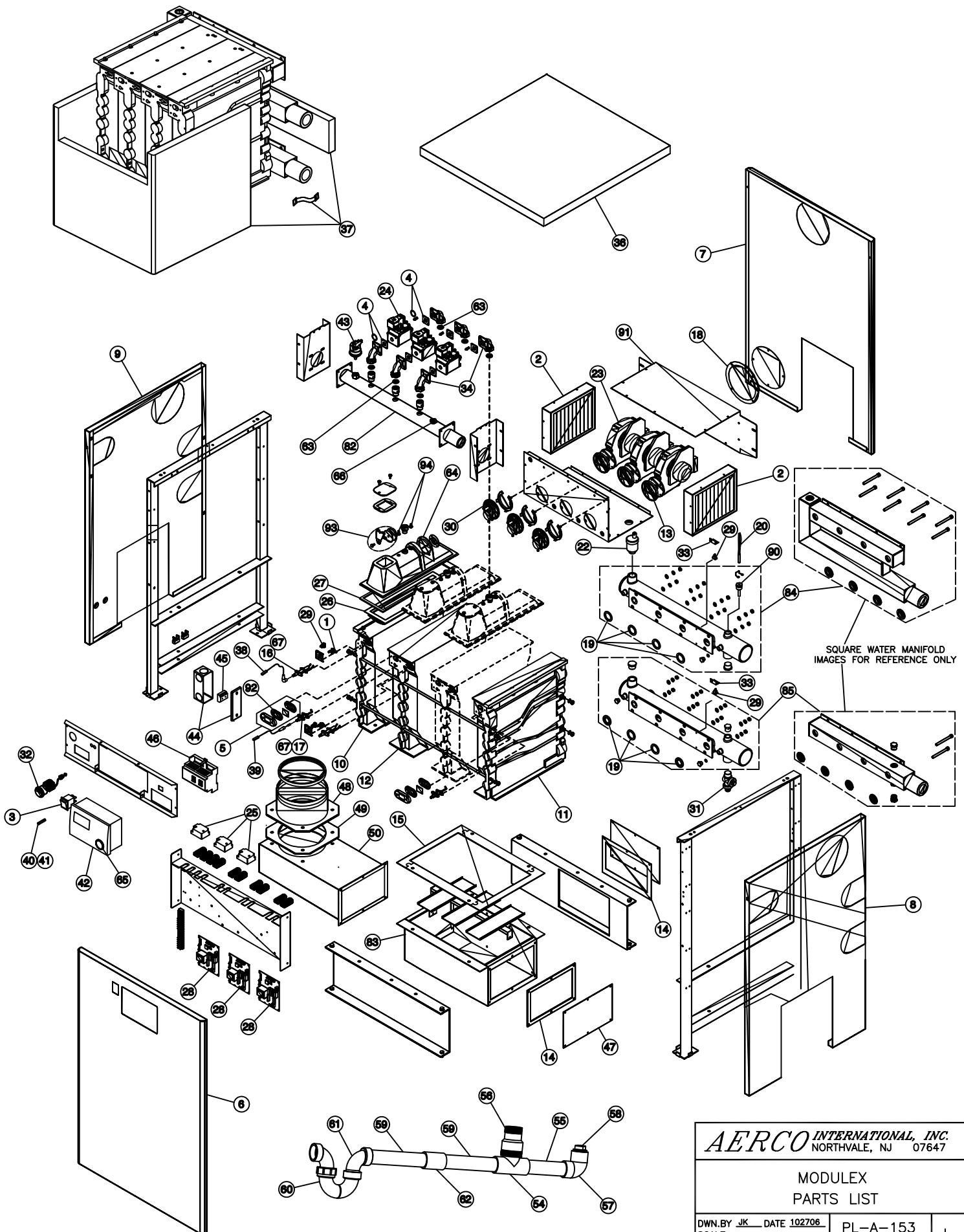




AERCO INTERNATIONAL, INC.
NORTHVALE, NJ 07647

MODULEX
PARTS LIST

DWN. BY JK DATE 102706
SCALE
APPD. DATE

PL-A-153
(SH. 1 OF 4)

ITEM	PART NO.	QTY	DESCRIPTION	ITEM	PART NO.	QTY	DESCRIPTION
1	95000708	1	HIGH WATER TEMP SWITCH	20	95262210	1	GLOBAL FLOW SENSOR (FOR E8 CONTROLLER)
2	95261879	A/R	LOW EFFICIENCY FILTER				
3	95261558	1	MAIN SWITCH	22	95260588	1	AUTOMATIC AIR VENT
4	95000709	A/R	GAS VALVE <u>O-RING</u> KIT (SET OF 20) USED ON MODELS WITH <u>DIFFERENT SIZE</u> GAS PIPES AT INLET AND OUTLET OF GAS VALVE	23	95262204	A/R	BLOWER
	95000426		GAS VALVE <u>GASKET</u> KIT (SET OF 20) USED ON MODELS WITH <u>SAME SIZE</u> GAS PIPES AT INLET AND OUTLET OF GAS VALVE	24	95262205	A/R	GAS VALVE
5	95000467	1	SIGHTGLASS KIT (INCLUDES GASKET) – SEE IT. 92 FOR SIGHTGLASS GASKET PART NUMBER ONLY	25	95262214	A/R	IGNITION TRANSFORMER
6	95212535	1	FRONT PANEL MLX-303 & MLX-454	26	95262226	A/R	MESH BURNER
	95212536	1	FRONT PANEL MLX-606	27	95261173	A/R	BURNER GASKET MODULEX
	95212537	1	FRONT PANEL MLX-757	28	95630109	A/R	ELECTRONIC BOARD
	95212538	1	FRONT PANEL MLX-909	29	95000021	A/R	HEATING SENSOR (GLOBAL RETURN SENSOR, LOCAL FLOW SENSOR & BCM GLOBAL FLOW SENSOR)
	95212539	1	FRONT PANEL MLX-1060	30	95261215	A/R	AIR PRESSURE SWITCH HUBA 605 38-53
7	95371711	1	BACK PANEL SHEET METAL ENCLOSURE MLX-1060	31	95261357	1	BOILER DRAIN COCK 3/4"
	95371710	1	BACK PANEL SHEET METAL ENCLOSURE MLX-909	32	95262218	1	PRESSURE GAUGE 120 PSI
	95371709	1	BACK PANEL SHEET METAL ENCLOSURE MLX-757	33	00213083	A/R	GLOBAL RETURN SENSOR/BCM GLOBAL FLOW SENSOR MOUNTING BRACKET
	95371708	1	BACK PANEL SHEET METAL ENCLOSURE MLX-606	34	95000782	A/R	GAS VALVE INLET/OUTLET FITTINGS AND O-RING KIT – USED ON MODELS WITH <u>DIFFERENT SIZE</u> GAS PIPES AT INLET AND OUTLET OF GAS VALVE
	95371707	1	BACK PANEL SHEET METAL ENCLOSURE MLX-303 & MLX-454		95000847		GAS VALVE INLET/OUTLET FITTINGS AND GASKET KIT – USED ON MODELS WITH <u>SAME SIZE</u> GAS PIPES AT INLET AND OUTLET OF GAS VALVE
8	95213085	1	RIGHT SIDE PANEL (USED ON MODELS WITH <u>ROUND</u> WATER MANIFOLD)				
	95212545		RIGHT SIDE PANEL (USED ON MODELS WITH <u>SQUARE</u> WATER MANIFOLD)	36	95371724	1	TOP PANEL ENCLOSURE MLX-1060
9	95213084	1	LEFT SIDE PANEL (USED ON MODELS WITH <u>ROUND</u> WATER MANIFOLD)		95371723	1	TOP PANEL ENCLOSURE MLX-909
	95212546		LEFT SIDE PANEL (USED ON MODELS WITH <u>SQUARE</u> WATER MANIFOLD)		95371722	1	TOP PANEL ENCLOSURE MLX-757
10	95000930	1	END SECTION LH		95371721	1	TOP PANEL ENCLOSURE MLX-606
11	95000931	1	END SECTION RH		95371720	1	TOP PANEL ENCLOSURE MLX-303 & MLX-454
12	95000932	1	CENTER SECTION	37	95250847	1	BOILER BODY INSULATION MLX-303
13	95250489	A/R	FAN GASKET		95250848	1	BOILER BODY INSULATION MLX-454
14	95250612	1	SEALING GASKET-FLUE BOX OUTLET		95250849	1	BOILER BODY INSULATION MLX-606
15	95250618	1	SEALING GASKET – FLUE BOX MLX-1060		95250850	1	BOILER BODY INSULATION MLX-757
	95250619	1	SEALING GASKET – FLUE BOX MLX-909		95250851	1	BOILER BODY INSULATION MLX-909
	95250620	1	SEALING GASKET – FLUE BOX MLX-757		95250852	1	BOILER BODY INSULATION MLX-1060
	95250621	1	SEALING GASKET – FLUE BOX MLX-606	38	95262216	A/R	IGNITOR CABLE
	95250622	1	SEALING GASKET – FLUE BOX MLX-454	39	95611085	A/R	FLAME DETECTOR CABLE
	95250623	1	SEALING GASKET – FLUE BOX MLX-303	40	95262220	1	10 A FUSE
16	95251245	A/R	IGNITOR (INCLUDES GASKET)	41	95262221	1	6.3 A FUSE
17	95251246	A/R	FLAME DETECTOR (INCLUDES GASKET)	42	95262207	1	MODULEX E8 CONTROLLER
18	95250634	1	SEALING GASKET – AIR INLET	43	95262333	1	MINIMUM GAS PRESSURE SWITCH
19	95000846		WATER MANIFOLD SEAL KIT (FOR <u>ROUND</u> WATER MANIFOLD DESIGN) QTY REQ'D: 1 EACH FOR MLX-303H, -454H, -606H 2 EACH FOR MLX-757H, -909H, -1060H	<i>AERCO</i> INTERNATIONAL, INC. NORTHVALE, NJ 07647 MODULEX PARTS LIST DWN.BY <u>JK</u> DATE <u>102708</u> SCALE _____ APPD. _____ DATE _____ PL-A-153 (SH. 2 OF 4) I			
			FOR <u>SQUARE</u> WATER MANIFOLD DESIGN, USE THE FOLLOWING THREE KITS: (QTY: EACH BOILER REQUIRES 1 OF EVERY KIT)				
	95250639		RETURN MANIFOLD SEAL KIT (CENTER HOLES) – SET OF 6				
	95250638		RETURN MANIFOLD SEAL KIT (END HOLES) – SET OF 2				
	95250667		FLOW MANIFOLD SEAL KIT – SET OF 8				

ITEM	PART NO.	QTY	DESCRIPTION
44	95000721	1	JUNCTION BOX WITH 3 POLE TERMINAL BLOCK
45	95261720	1	TERMINAL STRIP
46	95110063	1	BOILER COMMUNICATIONS MODULE (BCM)
47	95211324	1	CONDENSATE TRAY CLEANOUT PLATE
48	49051	1	4" EXHAUST CONN. TO ADAPT TO PVC FLUE
	49052	1	4" EXHAUST CONN. TO ADAPT TO STAINLESS STEEL FLUE
	49050	1	6" EXHAUST CONN. TO ADAPT TO PVC FLUE
	49053	1	6" EXHAUST CONN. TO ADAPT TO STAINLESS STEEL FLUE
49	95250632	1	EXHAUST CONNECTOR GASKET
50	95211568	1	FLUE COLLECTOR

NOTE: ITEMS 51, 52 & 53 NOT SHOWN ON SHEET 1 OF PL-A-153

ITEM	PART NO.	QTY	DESCRIPTION
51	95262208	1	OUTDOOR AIR SENSOR
52	95262209	1	STRAP ON (SURFACE MOUNT) FLOW SENSOR
53	95262211	1	TANK SENSOR

NOTE: ITEMS 54-62 ARE ALL PART OF COMPLETE
MODULEX DRAIN ASSEMBLY - PART # 24128

ITEM	PART NO.	QTY	DESCRIPTION
54	93084	1	1-1/4" PVC TEE
55	93091	1	1-1/4" PVC PIPE 6.5"
56	93087	1	1-1/2" x 1-1/4" PVC REDUCING JOINING CLAMP
57	93083	1	1-1/4" ELBOW NPT-SOCKET-WELD
58	93082	1	1-1/4" PVC SQUARE HEAD PLUG
59	93088	2	1-1/4" PVC PIPE
60	93090	1	1-1/4" PVC P-TRAP WITH UNION
61	93092	1	1-1/4" PVC STREET ELBOW
62	93085	1	1-1/4" PVC COUPLING

NOTE: ITEMS 68 AND 69 NOT SHOWN ON SHEET 1 OF PL-A-153

ITEM	PART NO.	QTY	DESCRIPTION
63	95000703	A/R	GAS ORIFICE GASKET (SET OF 10)
64	95250633	A/R	INTAKE MANIFOLD TO PLENUM GASKET (SET OF 6)
65	00251536	1	E8 CONTROLLER KNOB
66	95000020	1	GAS PRESSURE TAP
67	95250534	A/R	IGNITOR/FLAME DETECTOR GASKET (SET OF 10)
68	95000017	A/R	AIR PRESSURE SWITCH TO GAS VALVE SILICONE HOSE, 11" LG.
69	00260921	A/R	RUBBER BUSHING - FOR SECURING AIR PRESS. SIGNAL HOSE TO THE AIR PLENUM BOX

NOTE: ITEMS 70 TO 74 NOT SHOWN ON SHEET 1 OF PL-A-153

ITEM	PART NO.	QTY	DESCRIPTION
70-A	95000753	1	PANEL FASTENER PINS (MALE) - SET OF 17
70-B	95000736	1	PANEL FASTENER PINS (FEMALE) - SET OF 20
71	00251189	A/R	ALUMINUM CAST SECTION PLUG (NEED 13 PLUGS PER SECTION)
72	00361280	1	WIRING PLATE - INCLUDES RUBBER PLUGS AND SCREWS
73	95262213	1	E8 CONNECTORS KIT
74	95361312	1	FLUE CONNECTOR/TOP PANEL HARDWARE (SCREWS)

NOTE: ITEMS 75-81 ARE WIRING HARNESSES
(NOT SHOWN ON SHEET 1 OF PL-A-153)

ITEM	PART NO.	QTY	DESCRIPTION
75-A	00611250	1	MODULE 1 NTC TEMP SENSOR/GAS PRESSURE SWITCH WIRING HARNESS (USED ON MODELS WITH <u>ROUND</u> WATER MANIFOLD)
	00611067		MODULE 1 NTC TEMP SENSOR/GAS PRESSURE SWITCH WIRING HARNESS (USED ON MODELS WITH <u>SQUARE</u> WATER MANIFOLD)
75-B	00611068	A/R	MODULES 2-7 LOCAL NTC TEMP SENSOR WIRING HARNESS
76-A	00611069	1	MODULE 1 AIR TEMP SWITCH/OVER TEMP SWITCH WIRING HARNESS
76-B	00611070	A/R	MODULES 2-7 AIR PRESS. SWITCH/OVER TEMP SWITCH WIRING HARNESS
77-A	00611080	1	MODULE 1 BLOWER POWER WIRING HARNESS
77-B	00611081	A/R	MODULES 2-7 BLOWER POWER WIRING HARNESS
78	00611082	A/R	BLOWER CONTROL SIGNAL WIRING HARNESS
79	00611079	A/R	GAS VALVE WIRING HARNESS

ITEM	PART NO.	QTY	DESCRIPTION
82	95281824	1	GAS INLET HEADER MLX-303 & MLX-454
	95281825	1	GAS INLET HEADER MLX-606
	95281826	1	GAS INLET HEADER MLX-757
	95281827	1	GAS INLET HEADER MLX-909
	95281828	1	GAS INLET HEADER MLX-1060
83	95211565	1	CONDENSATE TRAY ASSEMBLY MLX-303
	95211564	1	CONDENSATE TRAY ASSEMBLY MLX-454
	95211563	1	CONDENSATE TRAY ASSEMBLY MLX-606
	95211562	1	CONDENSATE TRAY ASSEMBLY MLX-757
	95211561	1	CONDENSATE TRAY ASSEMBLY MLX-909
	95211560	1	CONDENSATE TRAY ASSEMBLY MLX-1060

AERCO INTERNATIONAL, INC.
NORTHVALE, NJ 07647

MODULEX
PARTS LIST

DWN.BY JK DATE 102708 PL-A-153
SCALE _____ (SH. 3 OF 4)
APPD. _____ DATE _____ I

NOTES:

- 1) THE FOLLOWING ARE PART NUMBERS FOR MODELS WITH **ROUND** FLOW HEADER AND RETURN HEADER ASSEMBLIES.
- 2) VISUALLY VERIFY THE MANIFOLD BEING REPLACED. FLOW HEADER IS ON TOP AND RETURN HEADER IS AT THE BOTTOM.

ITEM	PART NO.	QTY	DESCRIPTION
84	95000790	1	FLOW HEADER ASSEMBLY MLX-303
	95000792	1	FLOW HEADER ASSEMBLY MLX-454
	95000794	1	FLOW HEADER ASSEMBLY MLX-606
	95000796	1	FLOW HEADER ASSEMBLY MLX-757
	95000798	1	FLOW HEADER ASSEMBLY MLX-909
	95000800	1	FLOW HEADER ASSEMBLY MLX-1060
85	95000791	1	RETURN HEADER ASSEMBLY MLX-303
	95000793	1	RETURN HEADER ASSEMBLY MLX-454
	95000795	1	RETURN HEADER ASSEMBLY MLX-606
	95000797	1	RETURN HEADER ASSEMBLY MLX-757
	95000799	1	RETURN HEADER ASSEMBLY MLX-909
	95000801	1	RETURN HEADER ASSEMBLY MLX-1060

NOTES:

- 1) THE FOLLOWING ARE PART NUMBERS FOR MODELS WITH **SQUARE** FLOW HEADER AND RETURN HEADER ASSEMBLIES.
- 2) VISUALLY VERIFY THE MANIFOLD BEING REPLACED.

FROM THE FACTORY, THE MANIFOLD CONNECTIONS ARE ON THE RIGHT HAND SIDE (LOOKING FROM THE FRONT OF THE UNIT). THE FLOW HEADER IS THE "U-SHAPED" HEADER AND IS LOCATED ON TOP.

UNITS WHOSE SQUARE MANIFOLDS HAVE BEEN REVERSED IN THE FIELD FROM RIGHT HAND TO LEFT HAND WILL HAVE THEIR HEADER ASSEMBLIES AND PART NUMBERS REVERSED. FOR EXAMPLE, IF THE HEADERS FOR AN MLX-303 WERE REVERSED FROM RIGHT HAND TO A LEFT HAND, THE REPLACEMENT RETURN HEADER ASSEMBLY IS 95281812 (U-SHAPED) AND THE REPLACEMENT FLOW HEADER ASSEMBLY IS 95281818 (STRAIGHT).

ITEM	PART NO.	QTY	DESCRIPTION
84	95281812	1	FLOW HEADER ASSEMBLY MLX-303 (U-SHAPED)
	95281813	1	FLOW HEADER ASSEMBLY MLX-454 (U-SHAPED)
	95281814	1	FLOW HEADER ASSEMBLY MLX-606 (U-SHAPED)
	95281815	1	FLOW HEADER ASSEMBLY MLX-757 (U-SHAPED)
	95281816	1	FLOW HEADER ASSEMBLY MLX-909 (U-SHAPED)
	95281817	1	FLOW HEADER ASSEMBLY MLX-1060 (U-SHAPED)
85	95281818	1	RETURN HEADER ASSEMBLY MLX-303 (STRAIGHT)
	95281819	1	RETURN HEADER ASSEMBLY MLX-454 (STRAIGHT)
	95281820	1	RETURN HEADER ASSEMBLY MLX-606 (STRAIGHT)
	95281821	1	RETURN HEADER ASSEMBLY MLX-757 (STRAIGHT)
	95281822	1	RETURN HEADER ASSEMBLY MLX-909 (STRAIGHT)
	95281823	1	RETURN HEADER ASSEMBLY MLX-1060 (STRAIGHT)

NOTE:

ITEMS 86 TO 89 (NOT SHOWN ON DRAWING) ARE PART NUMBERS FOR THE HARDWARE NEEDED TO INSTALL THE WATER MANIFOLDS.

ITEM	PART NO.	QTY	DESCRIPTION
86	54084		M8 X 1.25mm SET SCREW (PACK OF 25) QTY REQ'D: 1 PACK EACH FOR MLX-303, -454, -606, -757 2 PACKS EACH FOR MLX-909, -1060
87	56058		M8 X 1.25mm HEX NUT (PACK OF 30) QTY REQ'D: 1 PACK EACH FOR MLX-303, -454, -606, -757 2 PACKS EACH FOR MLX-909, -1060
88	53035		M8 FLAT WASHER (PACK OF 100) QTY REQ'D: 1 PACK FOR EACH BOILER
89	53034		M8 SPLIT LOCK WASHER (PACK OF 100) QTY REQ'D: 1 PACK FOR EACH BOILER

ITEM	PART NO.	QTY	DESCRIPTION
90	95251355	1	GLOBAL FLOW SENSOR THERMOWELL
91	00212438	1	BLOWER CHAMBER COVER MLX-303, 454
	00212437	1	BLOWER CHAMBER COVER MLX-606
	00212436	1	BLOWER CHAMBER COVER MLX-757
	00212435	1	BLOWER CHAMBER COVER MLX-909
	00212434	1	BLOWER CHAMBER COVER MLX-1060
92	00250617	1	SIGHTGLASS GASKET
93	95000669	1	BURNER CHECK VALVE ASSY
94	PPS0100C	1	HOSE FITTING (TO AIR/GAS MIXER)

AERCO INTERNATIONAL, INC.
NORTHVALE, NJ 07647

MODULEX
PARTS LIST

DWN.BY JK DATE 102708
SCALE _____
APPD. _____ DATE _____

PL-A-153
(SH. 4 OF 4)