



ESC V STEAM Series 5
OIL-FIRED
CAST IRON BOILER

MODELS
ESC-3090S
ESC-3090ST
ESC-4125S
ESC-4125ST
ESC-5185S
ESC-5185ST
ESC-6210S
ESC-6210ST

**PARTS AND
OPTIONAL ACCESSORIES**

Ordering Instructions

Order Parts through your nearest supplier.

When ordering parts, obtain Model Number and Serial Number from data plate on your boiler.

Include following information when ordering.

Part Number _____

Part Description _____

Boiler Model Number _____

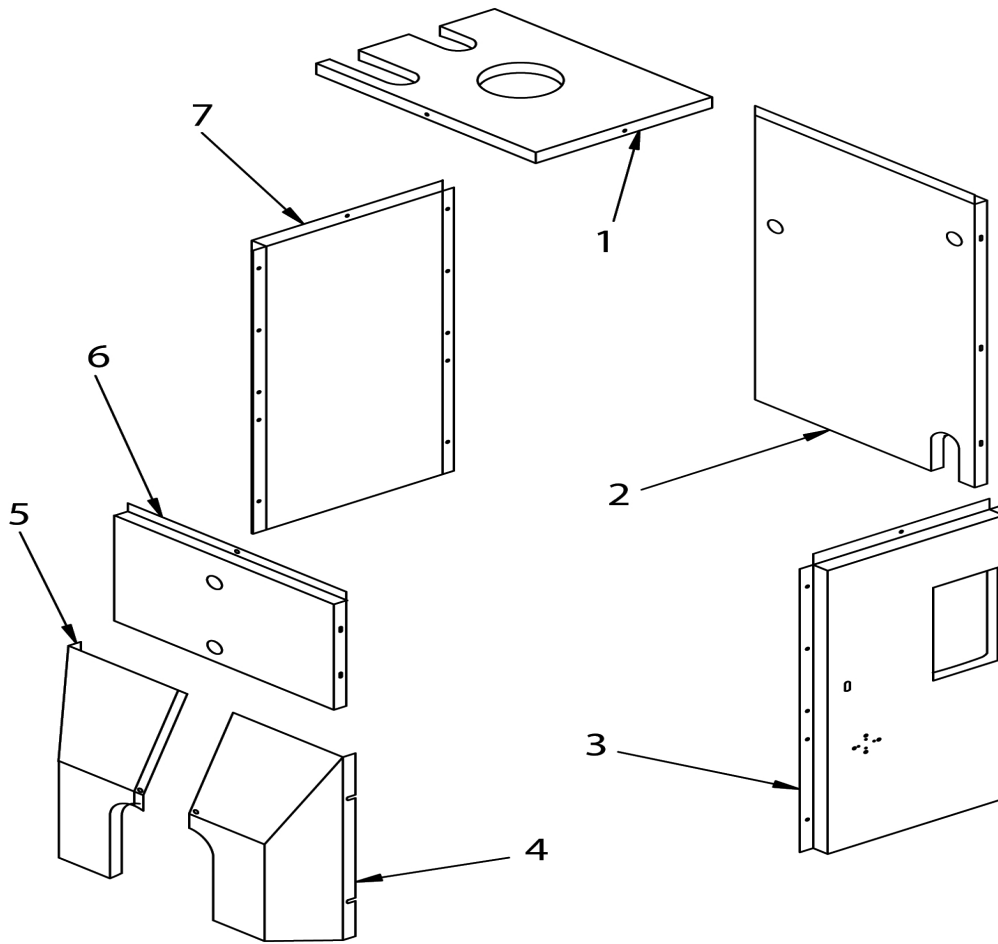
Boiler Serial Number _____



Manufactured by:
ECR International Inc.
2201 Dwyer Avenue, Utica, NY 13501
Tel. 800 253 7900
www.ecrinternational.com
PN 240012152 REV. A [04/01/2018]

REPLACEMENT PARTS

JACKETS

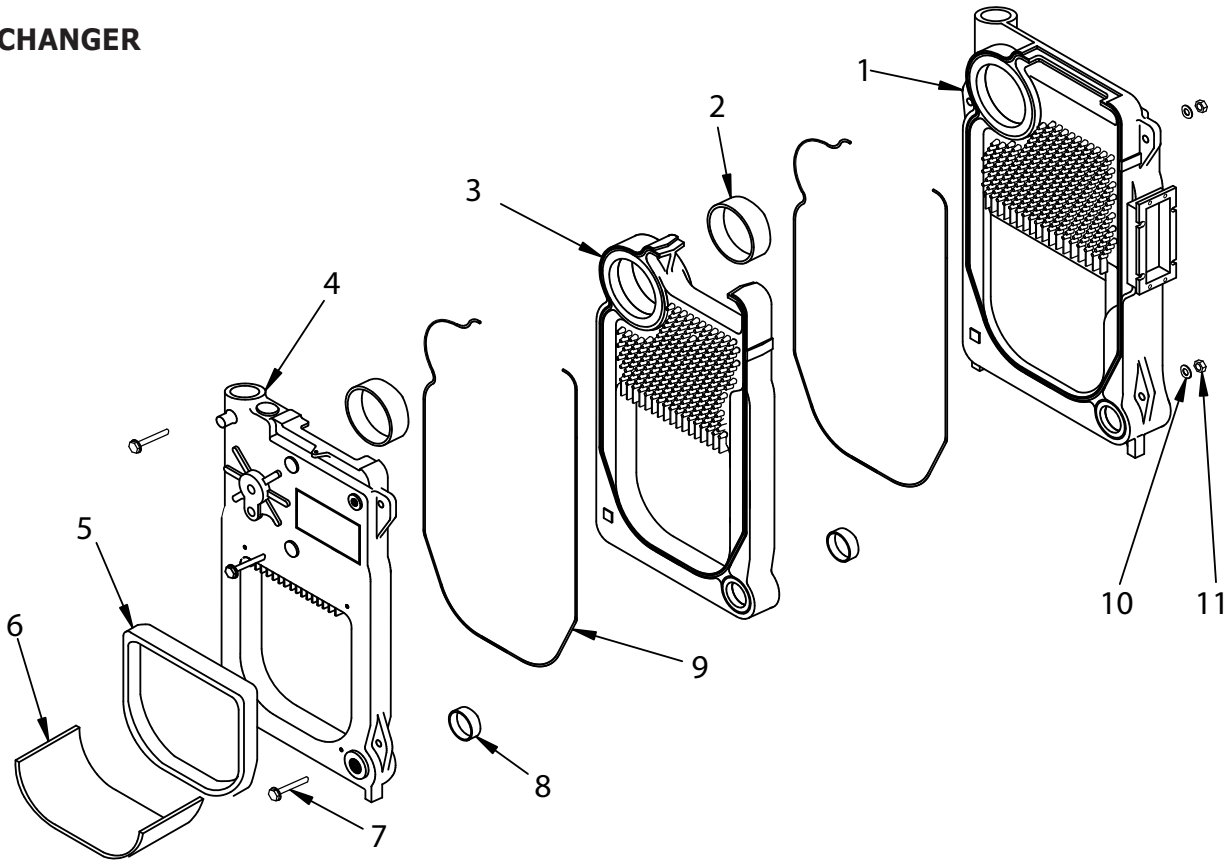


ITEM	DESCRIPTION	MODEL
		ESC PART #
1	Top Panel - 3 Sec.	21522801
	Top Panel - 4 Sec.	21522802
	Top Panel - 5 Sec.	21522803
	Top Panel - 6 Sec.	21522806
2	Rear Panel	21525201
3	Right Side Panel - 3 Sec.	21523106
	Right Side Panel - 4 Sec.	21523107
	Right Side Panel - 5 Sec.	21523108
	Right Side Panel - 6 Sec.	21523109
4	Lower Cowl - Right	21524401
5	Lower Cowl - Left	21524301
6	Top Front Panel	21524101
7	Left Side Panel - 3 Sec.	21521808
	Left Side Panel - 4 Sec.	21521809
	Left Side Panel - 5 Sec.	21521810
	Left Side Panel - 6 Sec.	21521811
Not Shown	*Jacket Replacement Kit - 3 Sec.	3001487AC
	*Jacket Replacement Kit - 4 Sec.	3001488AC
	*Jacket Replacement Kit - 5 Sec.	3001489AC
	*Jacket Replacement Kit - 6 Sec.	3001490AC

* Items 4 and 5 must be ordered to receive full jacket set

REPLACEMENT PARTS

HEAT EXCHANGER



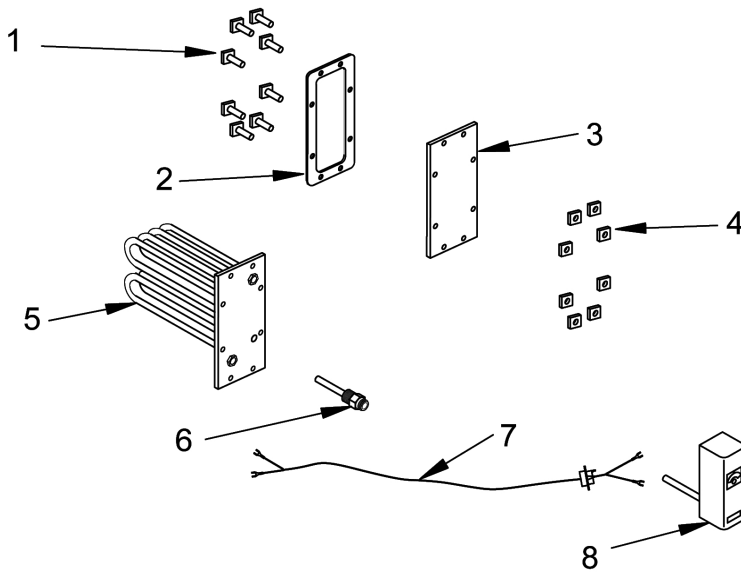
ITEM	PART NO.	DESCRIPTION	QTY
1	902000018	Rear Section	1
2	100-1-8.01	#60 Push Nipple - 3 Sec.	2
		#60 Push Nipple - 4 Sec.	3
		#60 Push Nipple - 5 Sec.	4
		#60 Push Nipple - 6 Sec.	5
3	902000009	Center Section - 3 Sec.	1
		Center Section - 4 Sec.	2
		Center Section - 5 Sec.	3
		Center Section - 6 Sec.	4
4	902000014	Front Section Castover	1
5611508		Kit - Target Wall & Insulation Blanket	
Kit Includes #5 and #6 (cut as needed per chart)			
5	2552701	Target Wall - Pyrolite	1
6	25511005	Insul Blanket 16x24	1
7	HW-025.05	Tie Rod 1/2 x 9 - 3 Sec.	3
	HW-025.01	Tie Rod 1/2 x 12 1/2 - 4 Sec.	
	HW-025.02	Tie Rod 1/2 x 16 1/2 - 5 Sec.	
	HW-025.03	Tie Rod 1/2 x 20 1/2 - 6 Sec.	
8	100-1-5.01	#22 Push Nipple - 3 Sec.	2
		#22 Push Nipple - 4 Sec.	3
		#22 Push Nipple - 5 Sec.	4
		#22 Push Nipple - 6 Sec.	5
9	3002172	Rope, Med. Density - 3 Sec.	2
		Rope, Med. Density - 4 Sec.	3
		Rope, Med. Density - 5 Sec.	4
		Rope, Med. Density - 6 Sec.	5
10	HW-008.03	Washer 1/2 ID Flat	3
11	HW-003.05	Nut 1/2 -13 Hex Head	3

INSULATION BLANKET SIZING		
FITS	PART NO.	SIZE
3 Sec	25511001	6-1/4 x 24
4 Sec	25511002	8-1/2 x 16
5 Sec	2551803	13 x 16
6 Sec	25511005	24 x 16

FULLY ASSEMBLED HEAT EXCHANGERS	
550003466	3 Section Without Coil
550003467	4 Section Without Coil
550003468	5 Section Without Coil
550003469	6 Section Without Coil
550003470	3 Section With Tankless Coil
550003471	4 Section With Tankless Coil
550003472	5 Section With Tankless Coil
550003473	6 Section With Tankless Coil

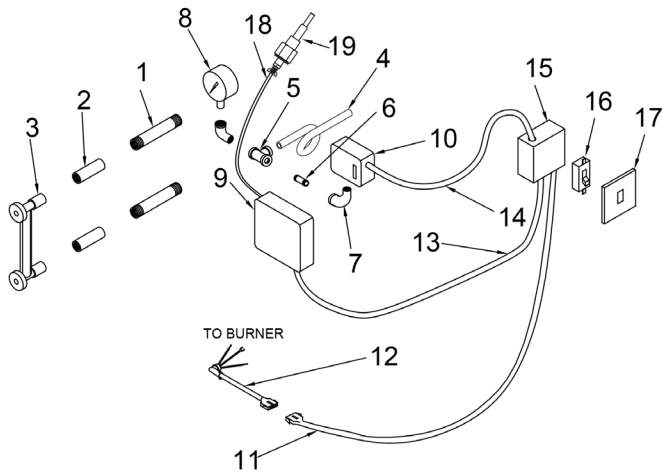
REPLACEMENT PARTS

COIL AND COVER PLATE



ITEM	PART NO.	DESCRIPTION	QTY.
1	HW-012.02	Bolt - 7/16 - 14 x 1 1/2 Square Head	8
2	252-2-2.00	Gasket - B Tankless	1
3	202-2-1.00	Cover Plate - B Tankless Coil	1
4	HW-013.01	Nut 7/16 - 14 Square	8
5	240009733	Tankless Coil L - 24	1
6	1635001	Well 3/4 x 1 1/2 - 123870A	1
7	275-1-1.00	Harness (3-5 sec.)	1
	27513301	Harness (6sec.)	
8	AQ-008.00	Control - L4006A1827	1

CONTROLS AND HARDWARE

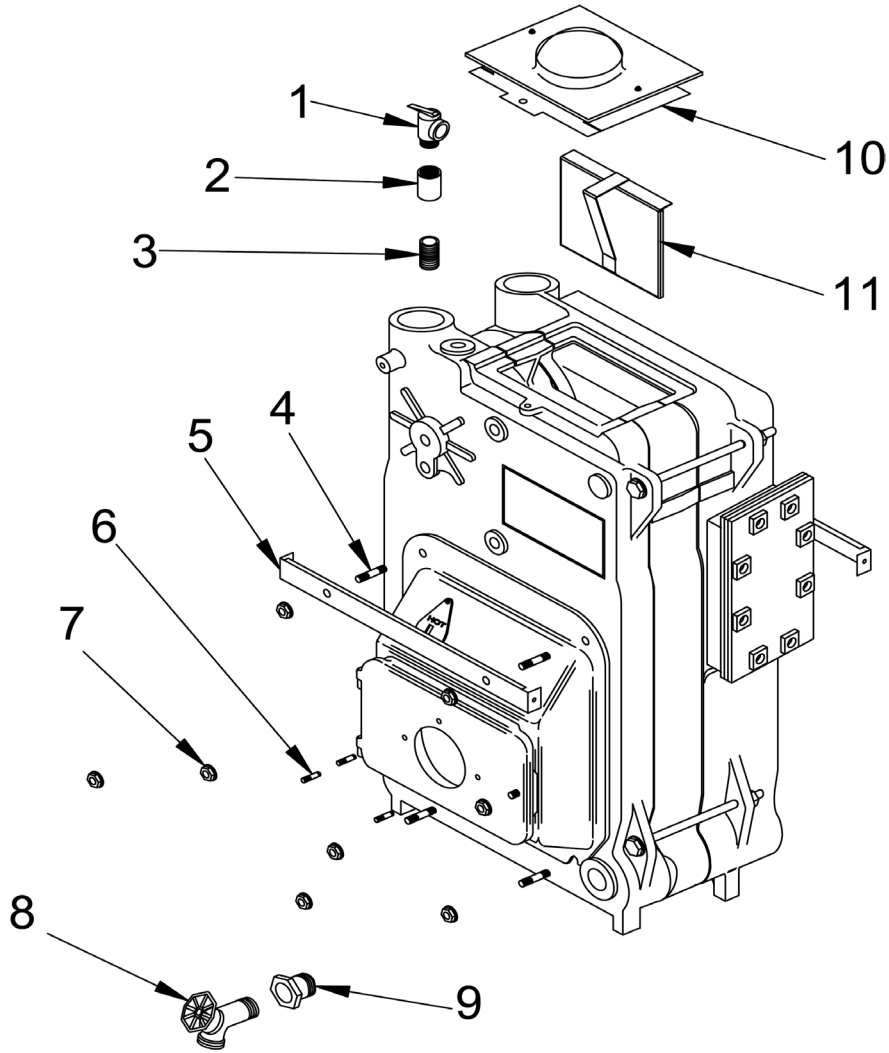


ITEM	PART NO.	DESCRIPTION	QTY
1	PF-033.02	NPL, 1/2x4NPT, BRS	2
2	14693052	CPLG, BRS, 1/2	2
3	GA-004.00	GAUGE WATER LEVEL	1
4	240007394	BRASS, SIPHON, OFF CENTER, LOOP, 62208	1
5	14693057	TEE BRASS 1/4"	1
6	240007412	PIPE, BRASS, 1/4"x3"	1
7	240007411	ELB, BRASS, 1/4", 90, STREET	2
8	GA-003.00	GAUGE PRESSURE (STEAM)	1
9	240012146	ELWCO, CG450-2060, CYCLE GUARD, REMOTE MOUNT, INCLUDES ITEM 19 PROBE	1
10	SS-001.01	PRESSURE SWITCH PA404A-1009	1
11	1263012	HARN, J-BOX, 22"	1
12	240007187	HARN, BRNR, STEAM, BECKETT	1
13	240007161	HARN, ELWCO	1
14	28511201	HARNES PRESSURE SWITCH 30"	1
15	14631316	BOX, ELEC, 4"x2.1/8", CSA	1
16	240007282	SW, TOGGLE	1
17	240007281	J BOX, TOGGLE, COVER, 4"x4"	1
18	240012147	HARN, LWCO, PROBE	1
19	240012195	REPLACEMENT LWCO PROBE	1
*	240006400	OPTIONAL VXT WATER FEEDER	1
*	109010090	LWCO MOUNTING BRACKET	1

* = NOT SHOWN

REPLACEMENT PARTS

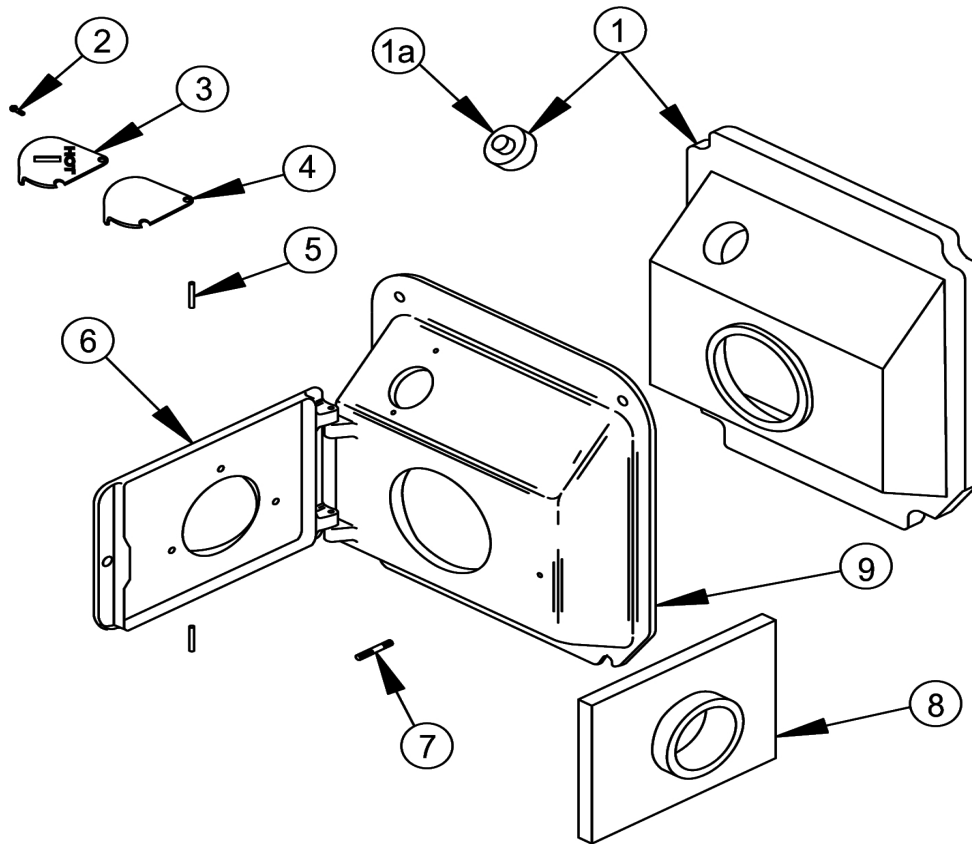
HARDWARE



ITEM	PART NO.	DESCRIPTION	QTY
1	1570001	Safety Valve #15 ¾"	1
2	1150001	Pipe Fit Coupling ¾"	1
3	1310004	Pipe Fit Npl ¾ Close	1
4	HW06701	Stud 5/16" - 18 x 2 3/8"	4
5	2252501	Support - Jacket Brkt	2
6	HW07001	Stud 5/16" x 18 x 1 3/8"	3
7	1330001	Nut 5/16" - 18 Wislock	8
8	240009323	Drain Valve	1
9	1060003	Pipe Fit Bushing 1 ¼ x ¾"	1
10	2452906	Flue Collector - 3 Sec.	1
	2452902	Flue Collector - 4 Sec.	
	2452903	Flue Collector - 5 Sec.	
	2452907	Flue Collector - 6 Sec.	
11	109007327	Baffle, Assy, H/E, Rear	1

REPLACEMENT PARTS

SWING DOOR AND MOUNTING DOOR COMPONENTS



ITEM	PART NO.	DESCRIPTION	QTY
1	2552901	Mounting Door Insulation & Plug	1
1a	2551901	Door Plug Replacement	1
2	HW-005.01	Screw ¼ - 20 x ½ Self-Tapping	2
3	10011701	Observation Door	1
4	25511101	Obs. Door Gasket	1
5	HW06801	¼ x 1¾ Drive Lock Pin	2
6	10011501	Swing Door	1
7	HW06701	5/16 x 18 x 2 3/8 Stud	1
8	2553303	Insulation - Swing Door	1
9	10011301	Mounting Door	1
Not Shown	10011601	Cast Iron Mtg/Swing Dr Mach. Includes Item 2,3,4,5,6,7 & 9	1

REPLACEMENT PARTS

BURNER COMPONENTS

PART NO.	DESCRIPTION
240009823	BRNR,BECK,AFG 3090
240009929	BRNR,BECK,AFG 4125
240009930	BRNR,BECK,AFG 5185
240009931	BRNR,BECK,AFG 6210
1250002	BURNER OIL FLANGE GASKET #31653
CD-001.01	CAD CELL
240008816	CONTROL 7505B1500
14619244	Nozzle, 0.75-60°B 3090 Beckett
1320024	Nozzle, 1.10-60°B 4125 Beckett
1320001	Nozzle, 1.50-70°B 5185 Beckett
14619019	Nozzle, 1.75-70°B 6210 Beckett
RP03801	Blast Tube AFG
29688	Fuel Pump, 1 Stage, 140 PSI, AFG 2184404U
1050008	Motor 21805U
1050007	Ignitor/Transformer 51771U



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All specifications subject to change without notice.

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