



ECO-STARIITM 75B - 200B

60 Hz Aggregate Drying Ratings

Natural Gas				
Burner Model	Maximum Capacity (MM Btu/hr)	Main Air Flow (scfh)	Natural Gas Flow (scfh)	Capacity w/FGR (MM Btu/hr)
ESII 75B	78	1,050,000	82,900	62
ESII 100B	103	1,270,000	100,000	82
ESII 125B	129	1,720,000	136,000	103
ESII 150B	155	1,960,000	155,000	124
ESII 175B	181	2,330,000	184,000	144
ESII 200B	207	2,540,000	201,000	165

No. 2 Fuel Oil (Low Pressure Atomization)				
Burner Model	Maximum Capacity (MM Btu/hr)	Primary Air Flow at 36 osig (scfh)	Main Air Flow (scfh)	No. 2 Fuel Oil Flow (gph)
ESII 75B	77	46,500	1,030,000	545
ESII 100B	102	46,500	1,270,000	720
ESII 125B	128	46,500	1,720,000	905
ESII 150B	153	46,500	1,960,000	1,080
ESII 175B	179	66,000	2,350,000	1,270
ESII 200B	205	66,000	2,540,000	1,450

No. 2 Fuel Oil (Compressed Air Atomization)				
Burner Model	Maximum Capacity (MM Btu/hr)	Compressed Air Flow at 60 psig (scfh)	Main Air Flow (scfh)	No. 2 Fuel Oil Flow (gph)
ESII 75B	77	3,600	1,030,000	545
ESII 100B	102	3,600	1,310,000	722
ESII 125B	128	5,400	1,700,000	905
ESII 150B	153	5,400	1,960,000	1,080
ESII 175B	179	6,900	2,350,000	1,270
ESII 200B	205	7,100	2,540,000	1,450

In accordance with Hauck's commitment to Total Quality Improvement, Hauck reserves the right to change the specifications of products without prior notice.

(OVER)

Liquid Propane					
Burner Model	Maximum Capacity (MM Btu/hr)	Primary Air Flow at 36 osig (scfh)	Main Air Flow (scfh)	LP Flow (gph)	Capacity w/FGR (MM Btu/hr)
ESII 75B	75	46,500	980,000	820	60
ESII 100B	95	46,500	1,200,000	1,045	76
ESII 125B	120	46,500	1,590,000	1,320	96
ESII 150B	141	46,500	1,810,000	1,550	113
ESII 175B	165	66,000	2,090,000	1,810	132
ESII 200B	180	66,000	2,290,000	1,980	144

Asphalt Application Notes:

1. Burner capacity is based on 60Hz power and scfh (standard cubic feet per hour) 60°F air at sea level. Correction factors must be applied for variations in altitude, temperature, or frequency; consult Hauck. An altitude correction table is available in Hauck Application Sheet GJ75.
2. Natural gas capacities based on higher heating value of 1,034 Btu per cubic foot, 2-4 psig manifold pressure, 30% excess air, and stoichiometric ratio of 9.74 cubic feet air/cubic foot of natural gas.
3. No. 2 fuel oil capacities based on higher heating value of 141,146 Btu per gallon, 35% excess air, and stoichiometric ratio of 1371.1 cubic feet air/gallon of No. 2 oil.
4. Liquid propane capacities based on higher heating value of 90,912 Btu per gallon, 30% excess air, and stoichiometric ratio of 864 cubic feet air/gallon of liquid propane.
5. The exhaust fan must be able to provide a slight negative pressure (suction in the range of 0.25 to 1" wc) at the burner breech plate to exhaust the products of combustion.
6. Eco-StarII™ Burner airflow can be accurately monitored using the body pressure tap on either side of the burner air plenum downstream of the outlet damper. An accurate device capable of reading up to 30" wc will be required for this measurement.
7. All burner fuel manifolds are supplied with fuel flow measuring devices. Liquid fuel manifolds are equipped with an inline flow meter. Gaseous fuel manifolds are equipped with a gas orifice meter that can be accurately checked for gas flow by measuring the differential pressure across the orifice meter with a U-tube device (manometer) capable of reading in the range of 0 to 20"wc.
8. Low pressure atomizing air, used for firing low pressure fuel oil or LP, is provided by a 36 osi Hauck high efficiency Turbo Blower. The low pressure air is used to not only atomize liquid fuels, but also improve mixing speed in the combustion zone.
9. High pressure compressed air, used for firing heavy oils or any fuel oil at high elevations, must be supplied by the customer at a nominal 60 psig to the burner nozzle for optimum fuel oil atomization.



METRIC CAPACITIES

ECO-STARIITM 75B - 200B

60 Hz Aggregate Drying Ratings

<i>Natural Gas</i>				
Burner Model	Maximum Capacity (MW)	Main Air Flow (nm³/hr)	Natural Gas Flow (nm³/hr)	Capacity w/FGR (MW)
ESII 75B	20.6	28,100	2,000	16.5
ESII 100B	27.2	34,000	2,660	21.8
ESII 125B	34.1	46,100	3,360	27.3
ESII 150B	41	52,500	4,020	32.8
ESII 175B	47.8	62,400	4,690	38.2
ESII 200B	54.7	68,000	5,360	43.8

<i>No. 2 Fuel Oil (Low Pressure Atomization)</i>				
Burner Model	Maximum Capacity (MW)	Primary Air Flow at 15.5 kPa (nm³/hr)	Main Air Flow (nm³/hr)	No. 2 Fuel Oil Flow (lph)
ESII 75B	21.2	1,250	27,600	2,055
ESII 100B	28.1	1,250	34,000	2,725
ESII 125B	35.3	1,250	46,100	3,420
ESII 150B	42.2	1,250	52,500	4,090
ESII 175B	49.4	1,770	63,000	4,790
ESII 200B	56.5	1,770	68,000	5,480

<i>No. 2 Fuel Oil (Compressed Air Atomization)</i>				
Burner Model	Maximum Capacity (MW)	Compressed Air Flow at 414 kPa (nm³/hr)	Main Air Flow (nm³/hr)	No. 2 Fuel Oil Flow (lph)
ESII 75B	21.2	96	27,600	2,055
ESII 100B	28.1	96	35,100	2,725
ESII 125B	35.3	145	45,500	3,420
ESII 150B	42.2	145	52,500	4,090
ESII 175B	49.4	185	63,000	4,790
ESII 200B	56.5	190	68,000	5,480

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(OVER)

Liquid Propane					
Burner Model	Maximum Capacity (MW)	Primary Air Flow at 15.5 kPa (nm³/hr)	Main Air Flow (nm³/hr)	LP Flow (lph)	Capacity w/FGR (MW)
ESII 75B	19.8	1,250	26,300	3,010	15.9
ESII 100B	25.1	1,250	32,100	3,810	20.1
ESII 125B	33.0	1,250	42,600	5,010	26.4
ESII 150B	37.2	1,250	48,500	5,650	29.8
ESII 175B	43.6	1,770	56,000	6,620	34.9
ESII 200B	47.5	1,770	61,300	7,210	38.0

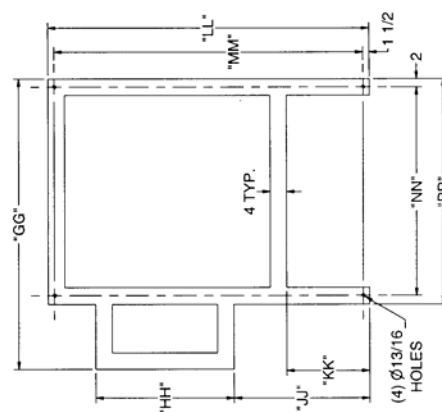
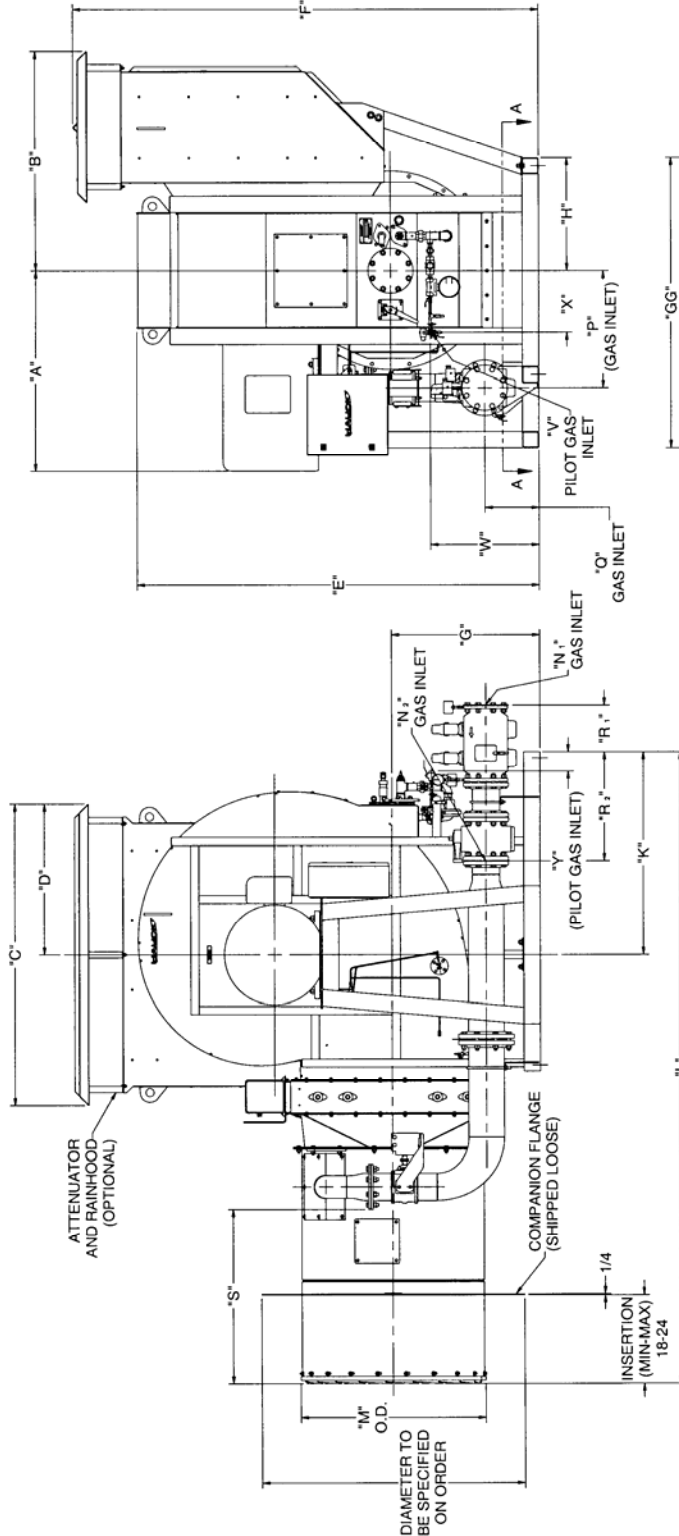
Asphalt Application Notes:

1. Burner capacity is based on 60Hz power and nm³/hr (normal cubic meters per hour) 0°C air at sea level. Correction factors must be applied for variations in altitude, temperature, or frequency; consult Hauck. An altitude correction table is available in Hauck Application Sheet GJ75.
2. Natural gas capacities based on lower heating value of 36.74 MJ/nm³, 13.8 – 27.6 kPa manifold pressure, 30% excess air, and stoichiometric air:gas ratio of 9.74:1.
3. No. 2 fuel oil capacities based on lower heating value of 36.99 MJ/liter, 35% excess air, and stoichiometric ratio of 9.70 nm³ air/liter of No. 2 oil.
4. Liquid propane capacities based on lower heating value of 23.83 MJ/liter, 30% excess air, and stoichiometric ratio of 6.12 nm³ air/liter of liquid propane.
5. The exhaust fan must be able to provide a slight negative pressure (suction in the range of 60 to 250 Pa) at the burner breech plate to exhaust the products of combustion.
6. Eco-StarII™ Burner airflow can be accurately monitored using the body pressure tap on either side of the burner air plenum downstream of the outlet damper. An accurate device capable of reading up to 7,500 Pa will be required for this measurement.
7. All burner fuel manifolds are supplied with fuel flow measuring devices. Liquid fuel manifolds are equipped with an inline flow meter. Gaseous fuel manifolds are equipped with a gas orifice meter that can be accurately checked for gas flow by measuring the differential pressure across the orifice meter with a U-tube device (manometer) capable of reading in the range of 0 to 5000 Pa.
8. Low pressure atomizing air, used for firing low pressure fuel oil or LP, is provided by a 15.5 kPa Hauck high efficiency Turbo Blower. The low pressure air is used to not only atomize liquid fuels, but also improve mixing speed in the combustion zone.
9. High pressure compressed air, used for firing heavy oils or any fuel oil at high elevations, must be supplied by the customer at a nominal 414 kPa to the burner nozzle for optimum fuel oil atomization.



DIMENSIONS

ECO-STARITM / GAS MANIFOLD ESII-75B – ESII-200B



SECTION A-A
FOOTPRINT MOUNTING

Y7834 Sheet 1
(NOT TO SCALE)

MODEL	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"K"	"L"
ESII-75B	46 7/8	52 9/16	71 9/16	35 3/4	80 7/8	98 15/16	24	25	45 1/2	156 1/16
ESII-100B	46 7/8	52 9/16	71 9/16	35 3/4	80 7/8	98 15/16	24	25	45 1/2	156 1/16
ESII-125B	49 1/8	53 7/16	73 9/16	36 3/4	97 3/4	113 3/16	36	27 1/2	49 5/8	154 1/4
ESII-150B	49 1/8	53 7/16	73 9/16	36 3/4	97 3/4	113 3/16	36	27 1/2	49 5/8	154 1/4
ESII-175B	50 3/4	56	81 3/4	40 7/8	98 1/16	117 1/8	30	28	54	160 1/2
ESII-200B	50 3/4	56	81 3/4	40 7/8	98 1/16	117 1/8	30	28	54	160 1/2

MODEL	"M"	"N"	"O"	"P"	"Q"	"R"	"S"	"V"	"W"
ESII-75B	38 7/8	4 ANSI	24 15/16	12 13/16	3 1/4	31 3/8	52 1/4	1/2 NPT	14 3/8
ESII-100B	38 7/8	4 ANSI	24 15/16	12 13/16	3 1/4	31 3/8	52 1/4	1/2 NPT	14 3/8
ESII-125B	45	6 ANSI	28 11/16	13 1/8	11 7/16	26 11/16	42 3/8	1/2 NPT	26 3/8
ESII-150B	45	6 ANSI	28 11/16	13 1/8	11 7/16	26 11/16	42 3/8	1/2 NPT	26 3/8
ESII-175B	49 1/8	6 ANSI	31 7/8	8 5/8	12 3/4	33 3/4	41 11/16	1/2 NPT	20 7/8
ESII-200B	49 1/8	6 ANSI	31 7/8	8 5/8	12 3/4	33 3/4	41 11/16	1/2 NPT	20 7/8

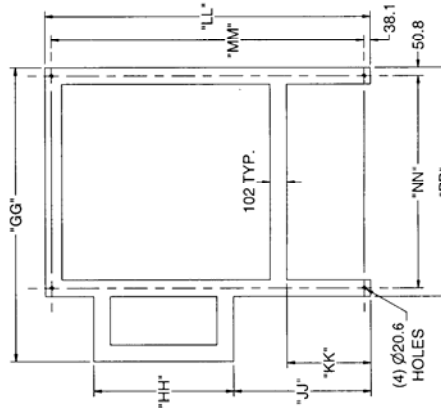
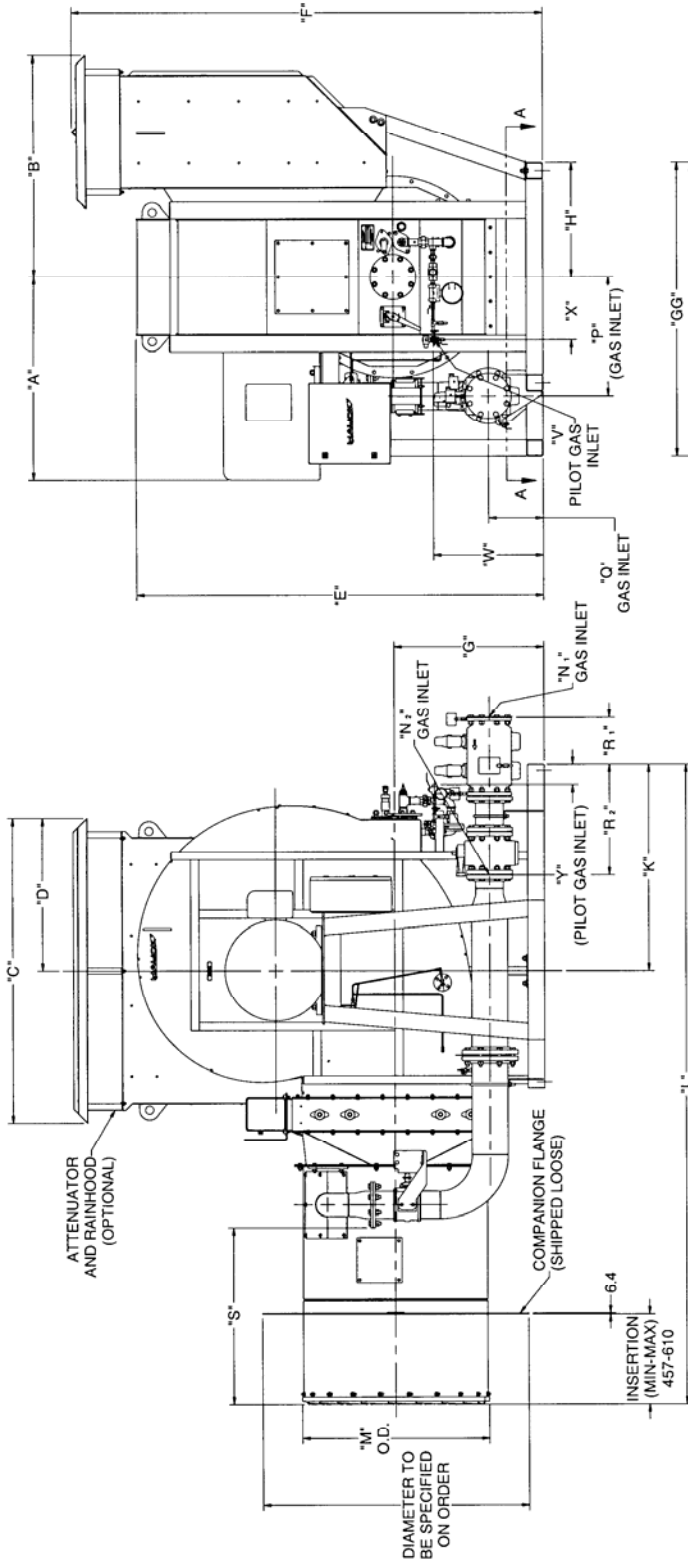
MODEL	"X"	"Y"	"GG"	"HH"	"JJ"	"KK"	"LL"	"MM"	"NN"	"PP"
ESII-75B	14 1/8	2 7/8	67	26 1/2	17	73	70	46	50	
ESII-100B	14 1/8	2 7/8	67	26 1/2	17	73	70	46	50	
ESII-125B	15 1/4	4 13/16	70 7/8	33 5/8	20	78	75	51	55	
ESII-150B	15 1/4	4 13/16	70 7/8	33 5/8	20	78	75	51	55	
ESII-175B	16 3/4	5 1/8	74 1/16	38 1/2	20	86	83	52	56	
ESII-200B	16 3/4	5 1/8	74 1/16	38 1/2	20	86	83	52	56	

(Metric Dimensions on Reverse Side)

In accordance with Hauck's commitment to Total Quality Improvement, Hauck reserves the right to change the specifications of products without prior notice.

METRIC DIMENSIONS

ECO-STARITM / GAS MANIFOLD ESII-75B – ESII-200B



SECTION A-A
FOOTPRINT MOUNTING

MODEL	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"K"	"L"
ESII-75B	1191	1335	1818	908	2054	2513	610	635	1156	3964
ESII-100B	1191	1335	1818	908	2054	2513	610	635	1156	3964
ESII-125B	1248	1357	1869	934	2483	2875	914	699	1261	3918
ESII-150B	1248	1357	1869	934	2483	2875	914	699	1261	3918
ESII-175B	1289	1422	2076	1038	2491	2975	762	711	1372	4077
ESII-200B	1289	1422	2076	1038	2491	2975	762	711	1372	4077

MODEL	"M"	"N 1"	"N 2"	"P"	"Q"	"R 1"	"R 2"	"S"	"V"	"W"
ESII-75B	987	4 ANSI	4 ANSI	633	325	82.6	797	1327	1/2 NPT	365
ESII-100B	987	4 ANSI	4 ANSI	633	325	82.6	797	1327	1/2 NPT	365
ESII-125B	1143	6 ANSI	6 ANSI	729	333	291	678	1076	1/2 NPT	670
ESII-150B	1143	6 ANSI	6 ANSI	729	333	291	678	1076	1/2 NPT	670
ESII-175B	1248	6 ANSI	6 ANSI	810	219	324	857	1059	1/2 NPT	530
ESII-200B	1248	6 ANSI	6 ANSI	810	219	324	857	1059	1/2 NPT	530

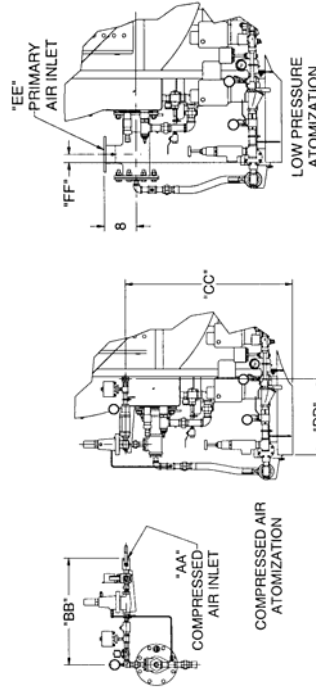
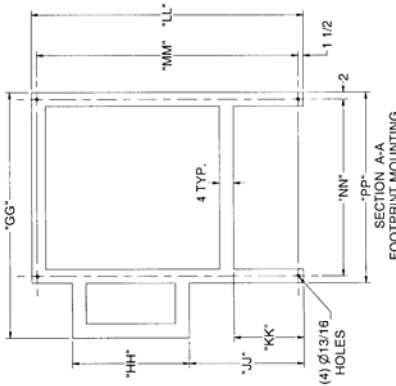
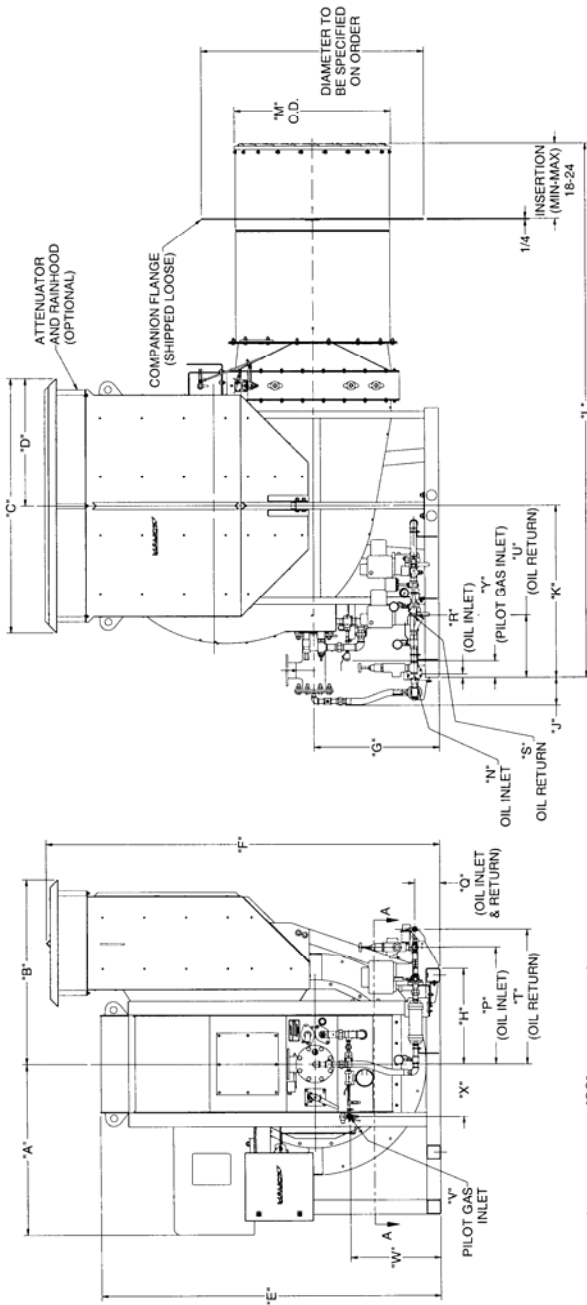
MODEL	"X"	"Y"	"GG"	"HH"	"JJ"	"KK"	"LL"	"MM"	"NN"	"PP"
ESII-75B	359	73.0	1702	965	673	432	1854	1778	1168	1270
ESII-100B	359	73.0	1702	965	673	432	1854	1778	1168	1270
ESII-125B	387	122	1800	854	833	508	1981	1905	1295	1397
ESII-150B	387	122	1800	854	833	508	1981	1905	1295	1397
ESII-175B	425	130	1881	978	883	508	2184	2108	1321	1422
ESII-200B	425	130	1881	978	883	508	2184	2108	1321	1422

Y7834 METRIC Sheet 1
(NOT TO SCALE)

NOTE:
1. DIMENSIONS ARE IN MM.



ECO-STARITM / OIL MANIFOLD ESII-75B – ESII-200B



MODEL	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"J"	"K"	"L"	"M"	"N"	"P"	"Q"	"R"
ESII-75B	46 7/8	52 9/16	71 9/16	35 3/4	80 7/8	98 15/16	24	25	11 3/8	45 1/2	156 1/16	38 7/8	3/4 NPT	31 7/16	6 7/8	-3 1/4
ESII-100B	46 7/8	52 9/16	71 9/16	35 3/4	80 7/8	98 15/16	24	25	11 3/8	45 1/2	156 1/16	38 7/8	1 NPT	31 5/16	7 1/16	-1 1/2
ESII-125B	49 1/8	53 7/16	73 9/16	36 3/4	97 3/4	113 3/16	36	27 1/2	8 3/16	49 5/8	154 1/4	45	1 1/4 NPT	33 3/4	7 3/16	1
ESII-150B	49 1/8	53 7/16	73 9/16	36 3/4	97 3/4	113 3/16	36	27 1/2	8 3/16	49 5/8	154 1/4	45	1 1/4 NPT	33 3/4	7 3/16	1
ESII-175B	50 3/4	56	81 3/4	40 7/8	98 1/16	117 1/8	30	28	13 7/8	54	160 1/2	49 1/8	1 1/4 NPT	34 1/4	7 3/16	1
ESII-200B	50 3/4	56	81 3/4	40 7/8	98 1/16	117 1/8	30	28	13 7/8	54	160 1/2	49 1/8	1 1/4 NPT	34 1/4	7 3/16	1

MODEL	"S"	"T"	"U"	"V"	"W"	"X"	"Y"	"AA"	"BB"	"CC"	"DD"	"EE"	"FF"	"GG"	"HH"	"JJ"
ESII-75B	1/2 NPT	36 5/16	18 15/16	1/2 NPT	14 3/8	14 1/8	2 7/8	1/2 NPT	22 11/16	30 15/16	21 15/16	4\"/>				

MODEL	"KK"	"LL"	"MM"	"NN"	"PP"
ESII-75B	17	73	70	46	50
ESII-100B	17	73	70	46	50
ESII-125B	20	78	75	51	55
ESII-150B	20	78	75	51	55
ESII-175B	20	86	83	52	56
ESII-200B	20	86	83	52	56

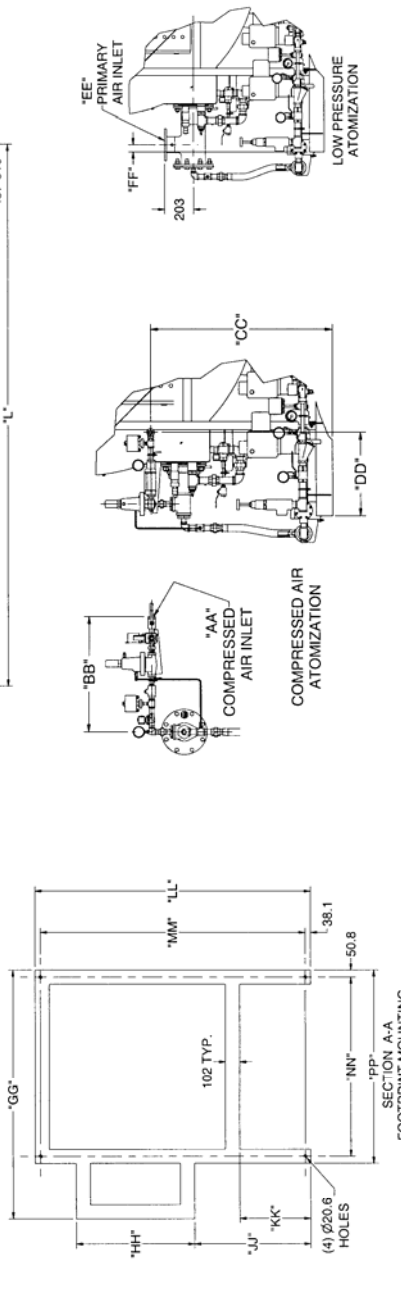
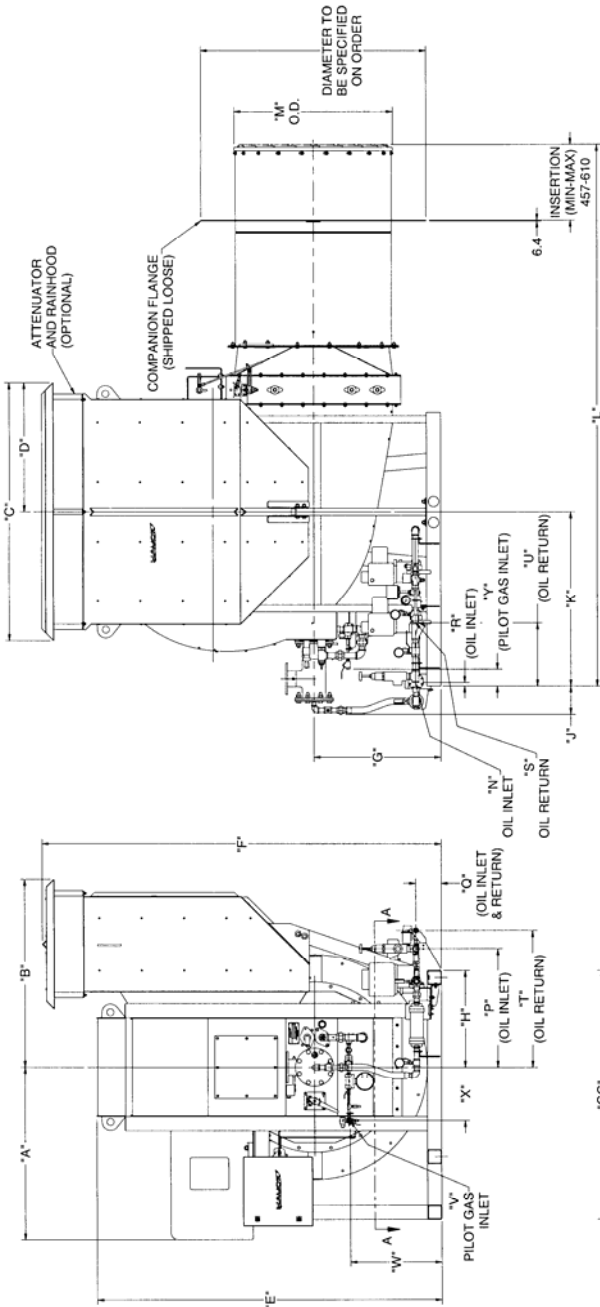
Y7834 Sheet 2
(NOT TO SCALE)

(Metric Dimensions on Reverse Side)

In accordance with Hauck's commitment to Total Quality Improvement, Hauck reserves the right to change the specifications of products without prior notice.

METRIC DIMENSIONS

ECO-STARITM / OIL MANIFOLD ESII-75B – ESII-200B



MODEL	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"J"	"K"	"L"	"M"	"N"	"P"	"Q"	"R"
ESII-75B	1191	1335	1818	908	2054	2513	610	635	289	1156	3964	987	3/4 NPT	799	175	-82.6
ESII-100B	1191	1335	1818	908	2054	2513	610	635	289	1156	3964	987	1 NPT	795	179	-38.1
ESII-125B	1248	1357	1869	934	2483	2875	914	699	208	1261	3918	1143	1 1/4 NPT	857	183	25.4
ESII-150B	1248	1357	1869	934	2483	2875	914	699	208	1261	3918	1143	1 1/4 NPT	857	183	25.4
ESII-175B	1289	1422	2076	1038	2491	2975	762	711	352	1372	4077	1248	1 1/4 NPT	870	183	25.4
ESII-200B	1289	1422	2076	1038	2491	2975	762	711	352	1372	4077	1248	1 1/4 NPT	870	183	25.4

MODEL	"S"	"T"	"U"	"V"	"W"	"X"	"Y"	"AA"	"BB"	"CC"	"DD"	"EE"	"FF"	"GG"	"HH"	"JJ"
ESII-75B	1/2 NPT	922	481	1/2 NPT	365	359	73.0	1/2 NPT	576	786	557	4" ANSI	3.2	1702	965	673
ESII-100B	1/2 NPT	922	389	1/2 NPT	365	359	73.0	1/2 NPT	576	786	558	4" ANSI	3.2	1702	965	673
ESII-125B	1/2 NPT	913	456	1/2 NPT	670	387	122	3/4 NPT	714	1114	518	4" ANSI	52.4	1800	854	833
ESII-150B	1/2 NPT	989	456	1/2 NPT	924	387	122	3/4 NPT	714	1114	518	4" ANSI	52.4	1800	854	833
ESII-175B	1/2 NPT	1002	456	1/2 NPT	530	425	130	3/4 NPT	714	949	479	4" ANSI	9.5	1881	978	883
ESII-200B	1/2 NPT	1002	456	1/2 NPT	530	425	130	3/4 NPT	714	949	479	4" ANSI	9.5	1881	978	883

MODEL	"KK"	"LL"	"MM"	"NN"	"PP"
ESII-75B	432	1854	1778	1168	1270
ESII-100B	432	1854	1778	1168	1270
ESII-125B	508	1981	1905	1295	1397
ESII-150B	508	1981	1905	1295	1397
ESII-175B	508	2184	2108	1321	1422
ESII-200B	508	2184	2108	1321	1422

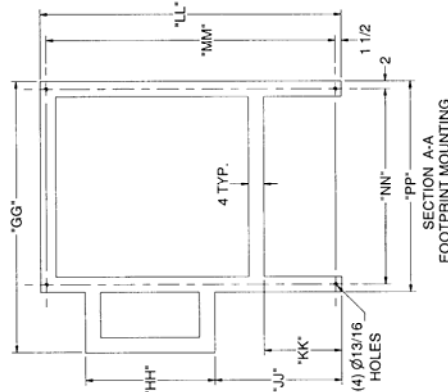
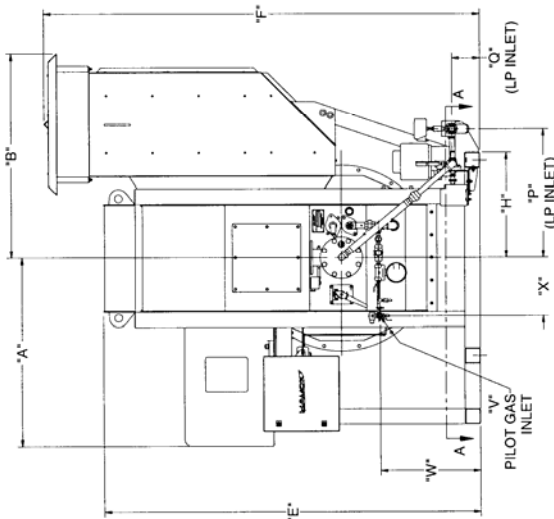
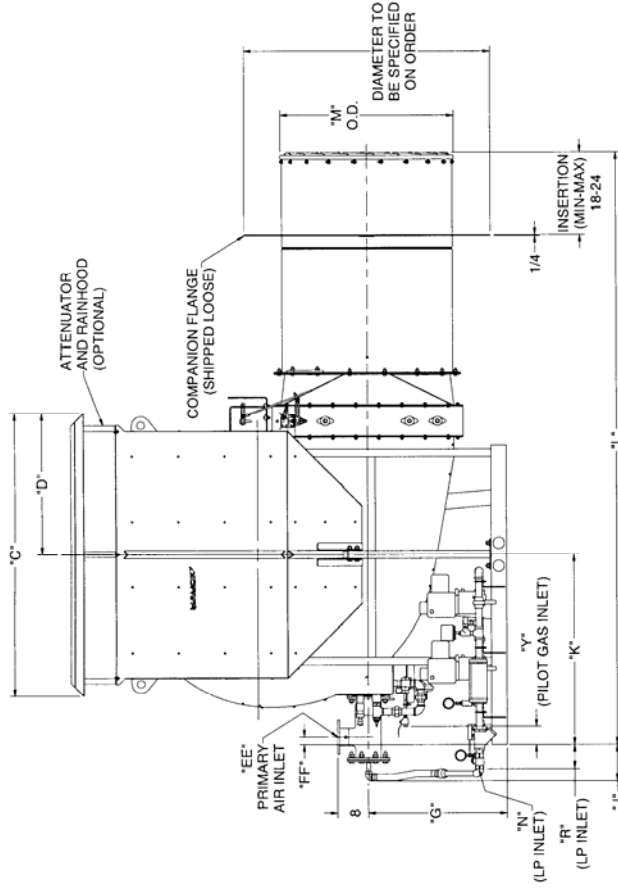
NOTE:
1. DIMENSIONS ARE IN MM.

Y7834 METRIC Sheet 2
(NOT TO SCALE)



DIMENSIONS

ECO-STARITM / LP MANIFOLD ESII-75B – ESII-200B



MODEL	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"J"	"K"
ESII-75B	46 7/8	52 9/16	71 9/16	35 3/4	80 7/8	98 15/16	24	25	10 3/4	45 1/2
ESII-100B	46 7/8	52 9/16	71 9/16	35 3/4	80 7/8	98 15/16	24	25	10 3/4	45 1/2
ESII-125B	49 1/8	53 7/16	73 9/16	36 3/4	97 3/4	113 3/16	36	27 1/2	9 5/16	49 5/8
ESII-150B	49 1/8	53 7/16	73 9/16	36 3/4	97 3/4	113 3/16	36	27 1/2	9 5/16	49 5/8
ESII-175B	50 3/4	56	81 3/4	40 7/8	98 1/16	117 1/8	30	28	13 7/8	54
ESII-200B	50 3/4	56	81 3/4	40 7/8	98 1/16	117 1/8	30	28	13 7/8	54

MODEL	"L"	"M"	"N"	"O"	"P"	"R"	"V"	"W"	"X"	"Y"
ESII-75B	156 1/16	38 7/8	1 NPT	30 7/8	6 7/8	4 1/4	1/2 NPT	14 3/8	14 1/8	2 7/8
ESII-100B	156 1/16	38 7/8	1 NPT	30 7/8	6 7/8	3 1/4	1/2 NPT	14 3/8	14 1/8	2 7/8
ESII-125B	154 1/4	45	1 1/4 NPT	33 5/8	7 3/16	6 3/16	1/2 NPT	26 3/8	15 1/4	4 13/16
ESII-150B	154 1/4	45	1 1/4 NPT	33 5/8	7 3/16	6 3/16	1/2 NPT	36 3/8	15 1/4	4 13/16
ESII-175B	160 1/2	49 1/8	1 1/4 NPT	34 1/8	6 13/16	6 3/16	1/2 NPT	20 7/8	16 3/4	5 1/8
ESII-200B	160 1/2	49 1/8	1 1/4 NPT	34 1/8	6 13/16	6 3/16	1/2 NPT	20 7/8	16 3/4	5 1/8

MODEL	"EE"	"FF"	"GG"	"HH"	"JJ"	"KK"	"LL"	"MM"	"NN"	"PP"
ESII-75B	4" ANSI	1/8	67	38	26 1/2	17	73	70	46	50
ESII-100B	4" ANSI	1/8	67	38	26 1/2	17	73	70	46	50
ESII-125B	4" ANSI	2 1/16	70 7/8	33 5/8	32 13/16	20	78	75	51	55
ESII-150B	4" ANSI	2 1/16	70 7/8	33 5/8	32 13/16	20	78	75	51	55
ESII-175B	4" ANSI	3/8	74 1/16	38 1/2	34 3/4	20	86	83	52	56
ESII-200B	4" ANSI	3/8	74 1/16	38 1/2	34 3/4	20	86	83	52	56

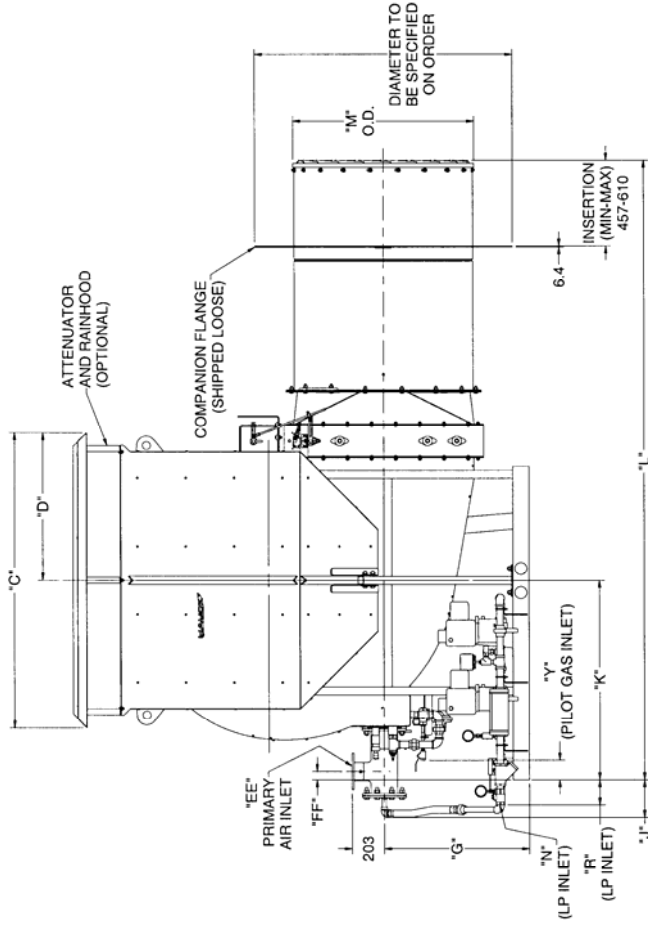
(Metric Dimensions on Reverse Side)

Y7834 Sheet 3
(NOT TO SCALE)

In accordance with Hauck's commitment to Total Quality Improvement, Hauck reserves the right to change the specifications of products without prior notice.

METRIC DIMENSIONS

ECO-STARITM / LP MANIFOLD ESII-75B – ESII-200B

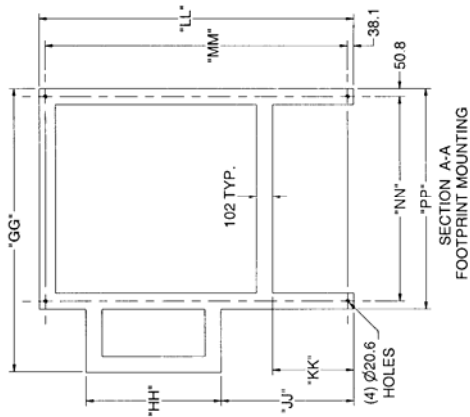


MODEL	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"J"	"K"
ESII-75B	1191	1335	1818	908	2054	2513	510	635	273	1156
ESII-100B	1191	1335	1818	908	2054	2513	510	635	273	1156
ESII-125B	1248	1357	1869	934	2483	2875	914	699	237	1261
ESII-150B	1248	1357	1869	934	2483	2875	914	699	237	1261
ESII-175B	1289	1422	2076	1038	2491	2975	762	711	352	1372
ESII-200B	1289	1422	2076	1038	2491	2975	762	711	352	1372

MODEL	"L"	"M"	"N"	"P"	"Q"	"R"	"V"	"W"	"X"	"Y"
ESII-75B	3964	987	1 NPT	784	175	108	1/2 NPT	365	359	73.0
ESII-100B	3964	987	1 NPT	784	175	82.6	1/2 NPT	365	359	73.0
ESII-125B	3918	1143	1 1/4 NPT	854	183	157	1/2 NPT	670	387	122
ESII-150B	3918	1143	1 1/4 NPT	854	183	157	1/2 NPT	670	387	122
ESII-175B	4077	1248	1 1/4 NPT	867	173	157	1/2 NPT	530	425	130
ESII-200B	4077	1248	1 1/4 NPT	867	173	157	1/2 NPT	530	425	130

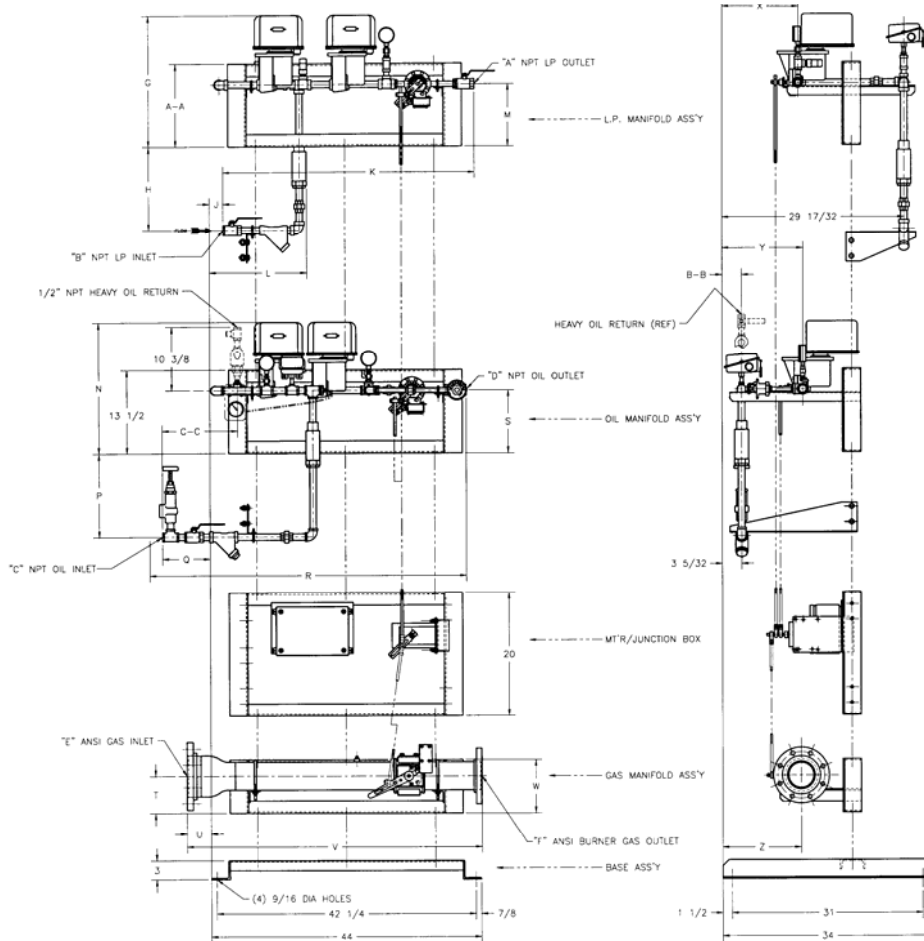
MODEL	"EE"	"FF"	"GG"	"HH"	"JJ"	"KK"	"LL"	"MM"	"NN"	"PP"
ESII-75B	4" ANSI	3.2	1702	365	673	432	1854	1778	1168	1270
ESII-100B	4" ANSI	3.2	1702	365	673	432	1854	1778	1168	1270
ESII-125B	4" ANSI	52.4	1800	854	833	508	1981	1905	1295	1397
ESII-150B	4" ANSI	52.4	1800	854	833	508	1981	1905	1295	1397
ESII-175B	4" ANSI	9.5	1882	978	883	508	2184	2108	1321	1422
ESII-200B	4" ANSI	9.5	1882	978	883	508	2184	2108	1321	1422

NOTE:
1. DIMENSIONS ARE IN MM.
Y7834 METRIC Sheet 3
(NOT TO SCALE)





ECO-STARITM
OPTIONAL RACK MOUNTED FUEL MANIFOLD
ESII-75 – ESII-200



NOTES:

1. ANY COMBINATION OF FUEL MODULES CAN BE SUPPLIED W/BASE AND MOTOR/JUNCTION BOX AS SPECIFIED ON ORDER.
2. ESII-75 TO ESII-200 UTILIZE FUEL MANIFOLDS THAT ARE INTEGRAL TO THE BURNER SKID; REMOTE RACK MOUNTED FUEL MANIFOLDS ARE OPTIONAL.

Y6967
(NOT TO SCALE)

MODEL NO.	A	B	C	D	E	F	G	H	J	K	L	M	N	P
ESII-75	3/4	3/4	3/4		6	4	21 1/4	13 9/16	2 3/16	40 7/8	15 3/4	10 1/8	21 1/4	13 9/16
ESII-100		1	1					26 1/4	13 7/16	-4 3/8	47	11	15 1/8	
ESII-125	1	1 1/4	1 1/4	1	8	6	30 15/16	13 3/16	26 11/16	20 3/16	47 7/16	15 7/16	25 13/16	13 1/4
ESII-150														
ESII-175														
ESII-200														

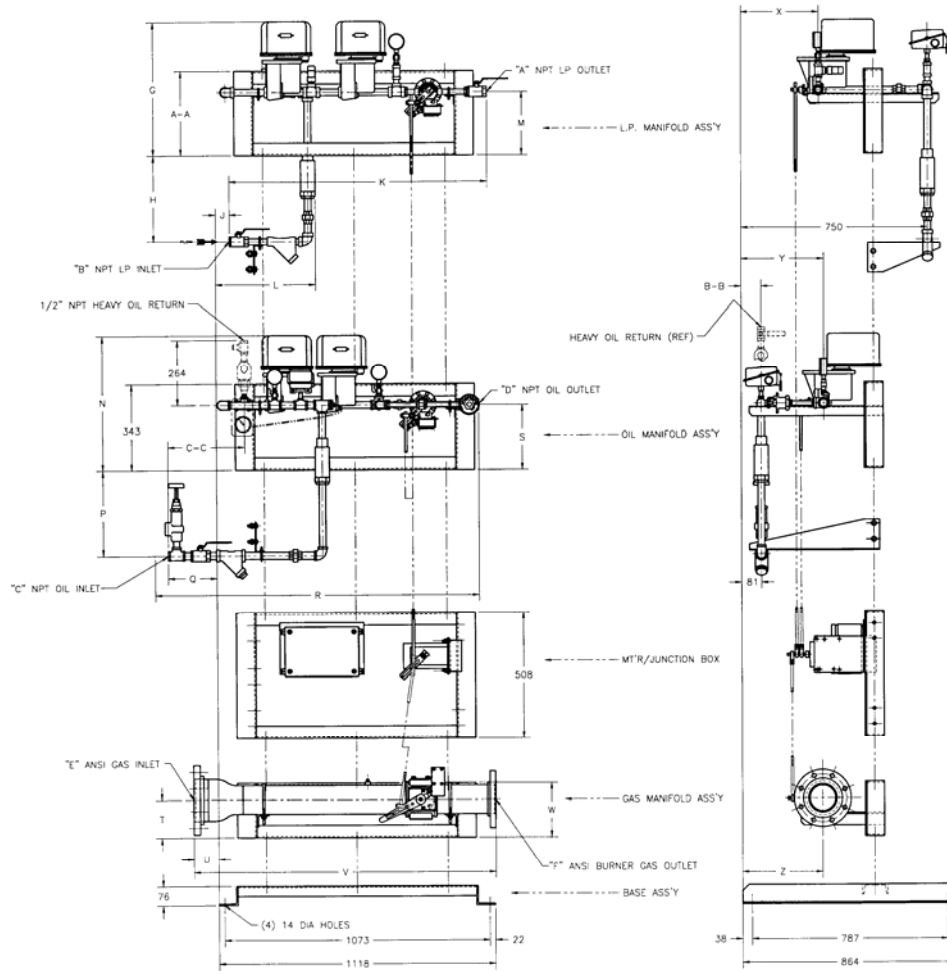
MODEL NO.	Q	R	S	T	U	V	W	X	Y	Z	A-A	B-B	C-C
ESII-75	7 11/16	49 3/4	10 1/4	6	-4	48	8 5/8	12 3/8		12 13/16	13 1/2	13 1/8	12 1/8
ESII-100	-1 1/4	40 7/16											
ESII-125	-1	40 11/16	10 5/16	9 7/8	-5/8	44 5/8	9 5/8	13	13 1/8	12 3/4	18 1/2	3 5/32	8 1/16
ESII-150													
ESII-175													
ESII-200													

(Metric Dimensions on Reverse Side)

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METRIC DIMENSIONS

ECO-STARITM OPTIONAL RACK MOUNTED FUEL MANIFOLD ESII-75 – ESII-200



NOTES:

1. DIMENSIONS ARE IN MM.
2. ANY COMBINATION OF FUEL MODULES CAN BE SUPPLIED W/BASE AND MOTOR/JUNCTION BOX AS SPECIFIED ON ORDER.
3. ESII-75 TO ESII-200 UTILIZE FUEL MANIFOLDS THAT ARE INTEGRAL TO THE BURNER SKID; REMOTE RACK MOUNTED FUEL MANIFOLDS ARE OPTIONAL.

Y6967 METRIC
(NOT TO SCALE)

MODEL NO.	A	B	C	D	E	F	G	H	J	K	L	M	N	P
ESII-75	3/4	3/4	3/4	1	6	4	565	344	56	1038	400	257	540	344
ESII-100		1	1		667	341	-111	1194	279	384	341			
ESII-125	1	1 1/4	1 1/4	1	8	6	786	335	678	513	1205	392	656	337
ESII-150														
ESII-175														
ESII-200														

MODEL NO.	Q	R	S	T	U	V	W	X	Y	Z	A-A	B-B	C-C
ESII-75	195	1264	260	152	-102	1219	219	314	333	325	343	333	308
ESII-100	-32	1027	198										
ESII-125	-25	1033	262	251	-16	1133	244	330	324	470	80	205	
ESII-150													
ESII-175													
ESII-200													