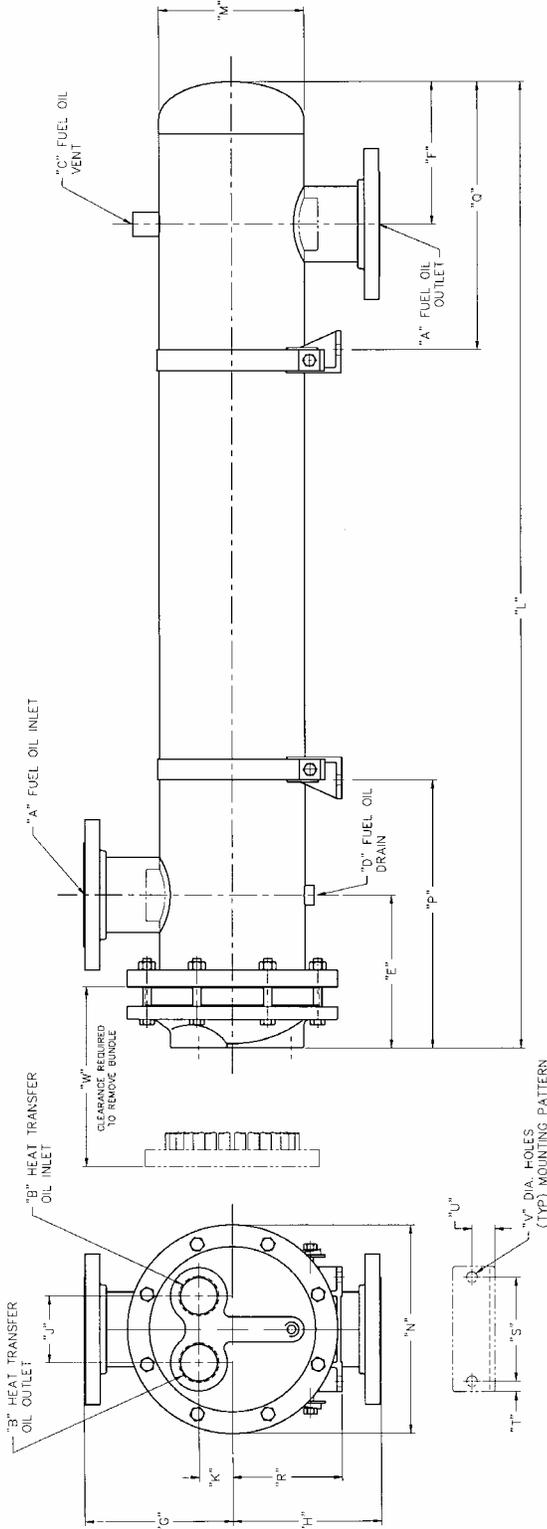


**LHO OIL LINE HEATER
OIL-TO-OIL TYPE**

LHO 06 - 060 THROUGH 10 - 060



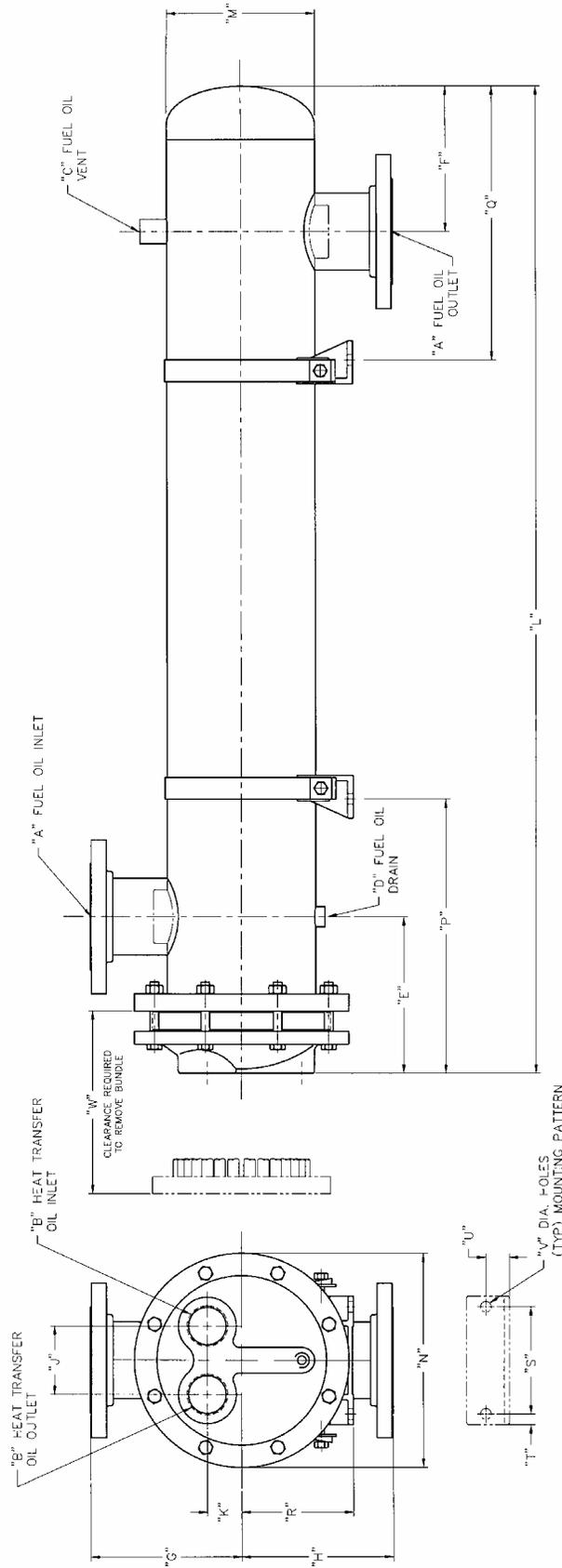
MODEL NO.																	APPROX. NET WT.					
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	O	R	S	T	U	V	W	DRY
LHO 06-060	2 1/2 NPT	1 1/2 NPT	3/4 NPT	1/2 NPT	6 1/8	12 1/4	5 1/8	5 1/8	3 1/8	1 5/8	67 1/4	6 5/8	10 1/2	13 1/2	5 1/2	4 3/4	5/8	1 1/4	5/8	64	190 LB	260 LB
LHO 08-048	4 FLG	2 NPT	3/4 NPT	1/2 NPT	9 1/8	8 1/2	8 13/16	8 13/16	4	2	57 5/8	8 5/8	12 1/2	16 1/2	6 1/2	6 1/4	5/8	1 3/8	5/8	52	290 LB	390 LB
LHO 08-060	4 FLG	2 NPT	3/4 NPT	1/2 NPT	9 1/8	8 1/2	8 13/16	8 13/16	4	2	69 5/8	8 5/8	12 1/2	16 1/2	6 1/2	6 1/4	5/8	1 3/8	5/8	64	330 LB	460 LB
LHO 10-048	4 FLG	3 NPT	3/4 NPT	1/2 NPT	9 3/4	9	9 7/8	9 7/8	4 3/4	2 3/8	58 3/4	10 3/4	14 5/8	17 1/2	7 1/2	8	3/4	1 5/8	3/4	52	400 LB	570 LB
LHO 10-060	4 FLG	3 NPT	3/4 NPT	1/2 NPT	9 3/4	9	9 7/8	9 7/8	4 3/4	2 3/8	71 3/4	10 3/4	14 5/8	17 1/2	7 1/2	8	3/4	1 5/8	3/4	64	460 LB	660 LB

Y7688
(NOT TO SCALE)

NOTES:
1. FUEL OIL INLET/OUTLET FLANGES ARE ANSI 150 LB RAISED FACE FLANGES.
2. CRADLE MOUNTING STRAP LOCATIONS SHOWN ("P" AND "Q") ARE TYPICAL AND CAN BE ADJUSTED UPON INSTALLATION AS REQUIRED.

(See Reverse Side for Metric Dimensions)

LHO 06 - 060 THROUGH 10 - 060



MODEL NO.	APPROX. NET WT.																						
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	DRY	WET
LHO 06-060	2 1/2 NPT	1 1/2 NPT	3/4 NPT	1/2 NPT	155	311	130	130	79	41	1708	168	267	330	330	140	120	16	32	16	1625	86 KG	118 KG
LHO 08-048	4 FLG	2 NPT	3/4 NPT	1/2 NPT	232	216	224	224	101	51	1464	219	317	406	406	165	159	16	35	16	1321	132 KG	177 KG
LHO 08-060	4 FLG	2 NPT	3/4 NPT	1/2 NPT	232	216	224	224	101	51	1768	219	317	406	406	165	159	16	35	16	1625	150 KG	209 KG
LHO 10-048	4 FLG	3 NPT	3/4 NPT	1/2 NPT	247	228	251	251	120	60	1517	273	371	432	432	190	203	19	41	19	1321	181 KG	259 KG
LHO 10-060	4 FLG	3 NPT	3/4 NPT	1/2 NPT	247	228	251	251	120	60	1822	273	371	432	432	190	203	19	41	19	1625	209 KG	299 <G

METRIC DIMENSIONS

Y7688 METRIC
(NOT TO SCALE)

- NOTE:
1. ALL DIMENSIONS ARE IN MM.
 2. FUEL OIL INLET/OUTLET FLANGES ARE ANSI 150 LB RAISED FACE FLANGES.
 3. CRADLE MOUNTING STRAP LOCATIONS SHOWN ("P" AND "Q") ARE TYPICAL AND CAN BE ADJUSTED UPON INSTALLATION AS REQUIRED.



**LHO OIL-TO-OIL LINE HEATER
SELECTION FOR ASPHALT BURNERS**

ECO-STAR BURNERS

BURNER		LHO		
MODEL NO.	CAPACITY (MMBtu/hr)	MODEL NO.	NO. 6 FUEL OIL FLOW RATE (gpm)	TRANSFER FLOW RATE (gpm)
ES 25	25	06-060	3.2	18.7
ES 50	50	06-060	6.4	37.5
ESII 75	75	08-048	9.5	56.2
ESII 100	100	08-060	12.7	74.9
ESII 125	125	08-060	15.9	93.6
ESII 150	150	10-048	19.1	112
ESII 175	175	10-060	22.3	131
ESII 200	200	10-060	25.5	150

STARJET BURNERS

BURNER		LHO		
MODEL NO.	CAPACITY (MMBtu/hr)	MODEL NO.	NO. 6 FUEL OIL FLOW RATE (gpm)	TRANSFER FLOW RATE (gpm)
SJ 075	15.2	06-060	1.9	11.1
150	27.9	06-060	3.6	21.0
200	40.5	06-060	5.1	30.0
260	49.3	06-060	6.2	36.7
360	75.6	08-048	9.5	56.2
520	96.8	08-060	12.3	72.7
580	120	08-060	15.3	90.0
750	150	10-048	19.1	112
980	200	10-060	25.5	150

NOTES:

1. Burner capacities based on No. 6 fuel oil with higher heating value of 157,194 Btu/gal.
2. LHO No. 6 fuel oil flow rate includes additional 20% flow rate above burner capacity to allow for recycle back to the oil storage tank.
3. LHO Model No. selection based on No. 6 fuel oil temperature rise from 125°F to 225°F and transfer oil temperature fall from 320°F to 300°F.

(Metric Data On Reverse Side)

METRIC DATA

LHO OIL-TO-OIL LINE HEATER SELECTION FOR ASPHALT BURNERS

ECO-STAR BURNERS

BURNER		LHO		
MODEL NO.	CAPACITY (MW)	MODEL NO.	NO. 6 FUEL OIL FLOW RATE (lpm)	TRANSFER FLOW RATE (lpm)
ES 25	6.9	06-060	12.1	70.8
ES 50	13.8	06-060	24.2	142
ESII 75	20.7	08-048	36.0	213
ESII 100	27.6	08-060	48.1	283
ESII 125	34.5	08-060	60.2	354
ESII 150	41.4	10-048	72.3	424
ESII 175	48.3	10-060	84.4	496
ESII 200	55.2	10-060	96.5	568

STARJET BURNERS

BURNER		LHO		
MODEL NO.	CAPACITY (MW)	MODEL NO.	NO. 6 FUEL OIL FLOW RATE (lpm)	TRANSFER FLOW RATE (lpm)
SJ 075	4.2	06-060	7.2	42.0
150	7.7	06-060	13.6	79.5
200	11.2	06-060	19.3	114
260	13.6	06-060	23.5	139
360	20.9	08-048	36.0	213
520	26.7	08-060	46.6	275
580	33.1	08-060	57.9	341
750	41.4	10-048	72.3	424
980	55.2	10-060	96.5	568

NOTES:

1. Burner capacities based on No. 6 fuel oil with lower heating value of 36.74 MJ/nm³.
2. LHO No. 6 fuel oil flow rate includes additional 20% flow rate above burner capacity to allow for recycle back to the oil storage tank.
3. LHO Model No. selection based on No. 6 fuel oil temperature rise from 52°C to 107°C and transfer oil temperature fall from 160°C to 149°C.