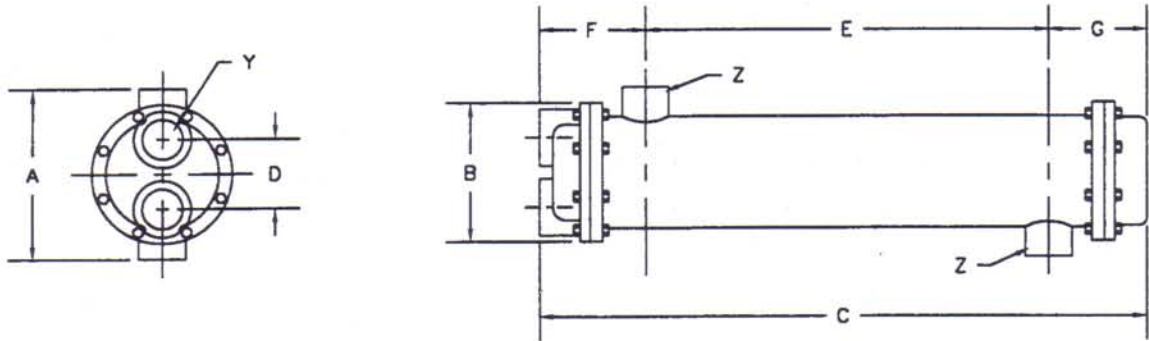


SUBMITTAL DATA

Thru-Flo Straight Tube HEAT EXCHANGER



PART NO.	MODEL NO.	DIMENSIONS									TUBE SURFACE SQ. FT.	WEIGHT LBS
		A	B	C	D	E	F	G	Z NPT	Y NPT		
6101-1412	*60	6.90	6.00	21.73	3.00	11.88	5.25	4.93	1.25	1.00	2.08	27.75
6102-1412	*86	6.90	6.00	27.73	3.00	17.88	5.25	4.93	1.25	1.00	3.00	37.00
6110-1412	120	8.56	7.44	21.43	3.63	10.50	5.75	5.18	1.50	1.25	4.73	61.01
6111-1412	150	8.56	7.44	24.62	3.63	13.69	5.75	5.18	1.50	1.25	5.72	66.46
6112-1412	180	8.56	7.44	28.06	3.63	17.13	5.75	5.18	1.50	1.25	6.97	72.35
6113-1412	260	10.13	8.25	30.31	4.13	18.38	6.28	5.66	2.00	2.00	9.00	82.00
6114-1412	320	10.13	8.25	35.75	4.13	23.81	6.28	5.66	2.00	2.00	11.00	92.00
6115-1412	380	10.13	8.25	41.19	4.13	29.25	6.28	5.66	2.00	2.00	13.20	103.00

DESIGNED & CONSTRUCTED PER ASME SECT VIII DIV 1
* AVAILABLE IN NON-CODE ONLY

MATERIALS OF CONSTRUCTION

PART	MATERIAL
FRONT HEAD	CAST IRON
REAR HEAD	CAST IRON
SHELL	STEEL
TUBING	3/4" O.D. COPPER
NUTS & BOLTS	STEEL

MAXIMUM OPERATING CONDITIONS

MODEL NUMBER	60 86	120 150 180	260 320 380
TUBESIDE WORKING PRESSURE	125 PSI	125 PSI	125 PSI
SHELLSIDE WORKING PRESSURE	50 PSI	125 PSI	125 PSI
HYDROSTATIC TEST PRESSURE TUBESIDE		250 PSI	250 PSI
HYDROSTATIC TEST PRESSURE SHELLSIDE	100 PSI	188 PSI	188 PSI
MAXIMUM TEMPERATURE	295°F	295°F	295°F
MAXIMUM SHELLSIDE STEAM PRESSURE	50 PSI	125 PSI	125 PSI

JOB NAME _____
LOCATION _____
ENGINEER _____
CONTRACTOR _____
SALES REP. _____

STSUB82.DWG REV: B

MODEL NO. ORDERED

STEAM PRESSURE	_____
ENT TEMP.	LEAV TEMP _____
TUBESIDE FLOW	LIQUID _____
FOULING FACTOR	SQ FT _____
TUBESIDE PRESSURE DROP	FT VELOCITY _____ FT/SEC