



DETAIL "A"

DETAIL "B"

(S=1/5)

(S=1/5)

DATA SPECIFICATION

No.	ITEM	DESCRIPTION	UNIT
1	Heat Dissipation	24,000	Kcal/h
2	Heat Transfer Area	11.04	M <sup>2</sup>
3	Fluid	HOT WATER WATER	
4	Flow Rate	100 230	L/min
5	Max. Working Pressure	10 10	bar
6	Test Pressure	15 15	bar
7	Temperature	Working (IN/OUT) 36/32 25/26.74	°C
		Design 100 100	°C

PART LIST

ITEM NO.	PART NAME	Q'ty	SIZE	MATERIAL
20	"O"RING	2	Ø6.9 (AS-568 Series NO.449)	NBR
19	SPRING WASHER	24	M16	HSMR3
18	BOLT	24	M16	SCM445
17	GASKET	2	1.5T (Non-Asbestos)	7300
16	BRACKET	2	6T	SS275
15	SPACER	1SET	Ø12.7	STS304
14	TIE ROD	1SET	Ø10	STS304
13	C/W OUTLET	1	50A 10K FF	SPPS/SS275
12	C/W WATER INLET	1	50A 10K FF	SPPS/SS275
11	WATER OUTLET	1	65A 10K FF	SPPS/SS275
10	WATER INLET	1	65A 10K FF	SPPS/SS275
9	LINER PLATE	1	Ø400x13.5T	STS304
8	TUBE SHEET - LH	1	Ø253x33T	SS400
7	TUBE SHEET - RH	1	Ø400x20T	SS400
6	SIDE COVER - LH	1	Ø400x20T	SS400
5	SIDE COVER - RH	1	Ø400x20T	SS400
4	SHELL FLANGE - LH	1	Ø400x20T	SS400
3	SHELL FLANGE - RH	1	Ø400x20T	SS400
2	TUBE	166	Ø12.7x1068L	C1220T (LOW FIN)
1	SHELL	1	250A	SPP

DESIGN

1 OF 1

TITLE SHELL & TUBE COOLER  
HOC2-10-860-PKJ

ISSUE DATE

DESIGN TEAM	PROJECTION METHOD	THIRD ANGLE PROJECTION	SCALE	N / A	A3
DRWN J.Y.MIN 22.05.24	PART NO.				QTY
CHK'D					REV.
APP'D	DWG NO.				

AS1420X297