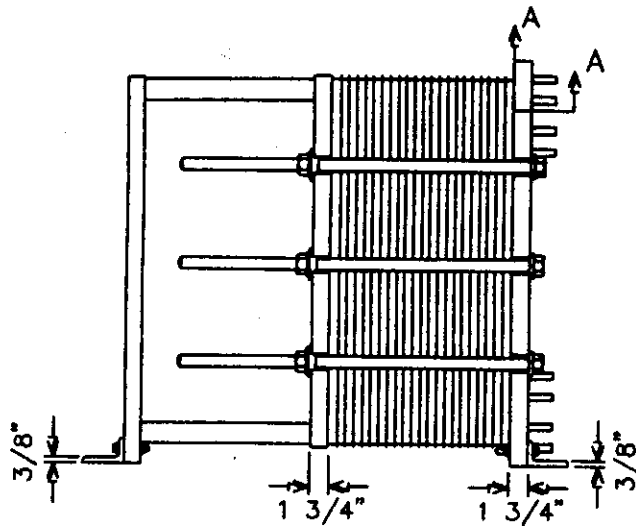
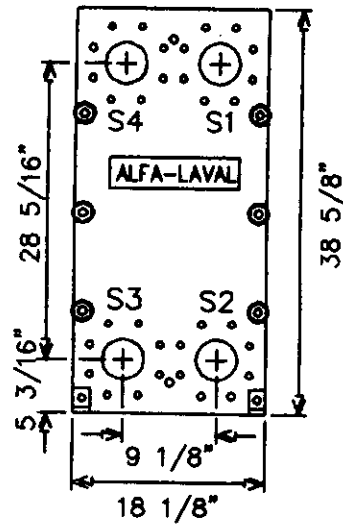


Designed, constructed and stamped in accordance with latest
 1986 A.S.M.E. code and addendum.

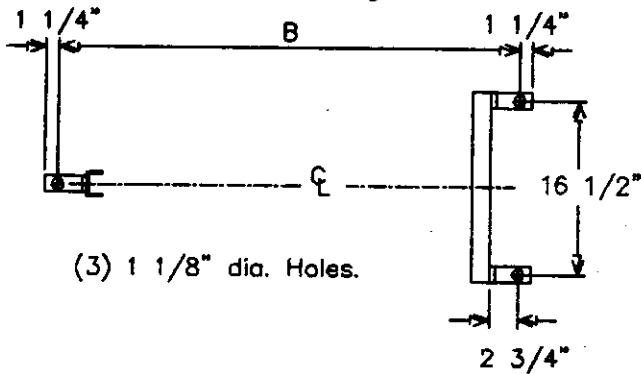
Side



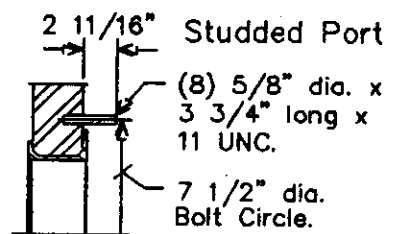
Front



Footing



Section AA



B	*
33 1/16"	*
42 7/8"	
56 11/16"	
70 7/16"	
90 1/8"	

Connections

Location	Function	Material	Size	Rating
S 1	Hotside In	Titanium	4"	150#
S 2	Hotside Out	Titanium	4"	150#
S 3	Coldside In	Titanium	4"	150#
S 4	Coldside Out	Titanium	4"	150#

Notes:

Customer: KERR MCGEE CORPORATION
 P.O. No.: C88151608
 Item No.:
 A/L Ord. No.: AP-17123 / 41969
 A/L Ser. No.: 30100-70813

Design Press./Temp.: 150 Psi / 230 F
 Mat'l Plates/Gaskets: Titanium / Nitrile
 # Plates Actual/Max.: 49 / 80
 Weight Dry/Flooded: 685 Lbs / 745 Lbs
 For Mfg. Only, LC/LT: 900 mm / 650 mm

M10-BFG
 Plate Heat Exchanger

ALFA-LAVAL
 THERMAL COMPANY
 Manufactured in Poughkeepsie, NY

rev.	description	by	ck	date
1	Part part draw. rev. from 8 7/8" to 8 1/8".	mg	lm	5/88
2	Code statement rev.	mg	lm	5/88
by date ck date approv date		dwg control		
MCGEE AP-17123 11/8/88 RLS-19-88		qc off mfg		
Dwg. No.: 88110-231				Rev.: B

Manufacturing no.	30100-70813	Date	880902 PETER
Plate Heat Exchanger type	M10-BFG	Quantity	1
Drawing no.	88110-231		
Customer		Ref	
KERR-MCGEE CORPORATION		PO#	088151608
Agent		Ref.	
Supplier		Ref.	
ALFA-LAVAL THERMAL COMPANY		AP-17123	
		TO no.	M41969

Plates with parallel flow.

The plate pack is tightened to 149 mm .

Always observe plate from its gasket side. A ten figure part number plus one letter are stamped on the upper part of the plate.

The plates are assembled, counting from the frame plate to the pressure plate, in sequence stated below with the gasket side facing the frame plate.

For information about installation, running, cleaning etc. see the instruction book.

Measurements (see drawing)	mm	:	Net weight
		:	310 kg
		:	
		:	Liquid volume
		:	29 l
		:	
		:	Design pressure
		:	150 PSI

Connection standard
ANSI 150 STUDDED PORTS 4" DIA

Remarks

TEST PRESSURE: 225 PSI
DESIGN TEMPERATURE: 230 F

JOB REFER: NONE

Media	WATER	=>WATER
Flow rate	230 GPM	326.5 GPM
Temp. program	160 to 100 F	85 to 120 F
Pressure drop	11.3 PSI	20.2 PSI
Liquid volume	14.4 l	14.4 l
Location of connections		
inlet	S1	S3
outlet	S2	S4
Material in connections	TITANIUM	TITANIUM
Plates material	Titanium	
thickness	0.5 mm	
finish		
Gasket material	Nitrile	Clip-on
Heat transfer surface	11.28 m ²	
Plate grouping	1*24H ----- 1*24H	

Plate no.	Plate code no.	Punched corner of the plate				Flow direction on the gasket side of the plate	
		upper left	lower left	lower right	upper right		
		S	1	2	3	4	
			->-	<--	=<=	==>	
1	367541-0483B		0	0	0	0	--
2	367541-4403A		0	0	0	0	up
3	367541-4403B		0	0	0	0	down
4	367541-4403A		0	0	0	0	up
5	367541-4403B		0	0	0	0	down
6, 8...	44 367541-4403A))))))
7, 9...	43 367541-4403B	((((((
45	367541-4403B		0	0	0	0	down
46	367541-4403A		0	0	0	0	up
47	367541-4403B		0	0	0	0	down
48	367541-4403A		0	0	0	0	up
49	367541-0476B		0	0	0	0	down
			----->-----				
		T	1	2	3	4	

