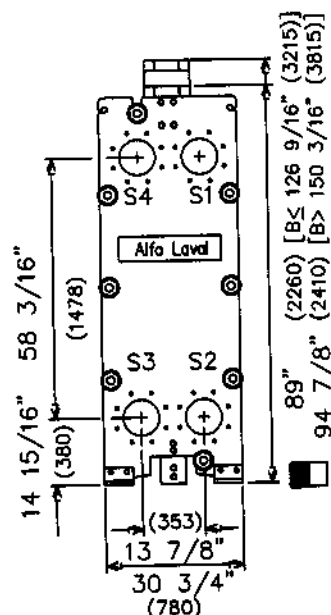




Front



3 11/16" (93)

Studded Port

(8) 3/4" dia. x 4 3/4" (121) Long x 10 UNC.

11 3/4" dia. Bolt Circle.

Dimensions in parenthesis are millimeters (mm)

Connections		Size	Rating
Location	Function	Material	
S1	Hotside In	UNLINED	8" 150#
S2	Hotside Out	UNLINED	8" 150#
S3	Coldside In	UNLINED	8" 150#
S4	Coldside Out	UNLINED	8" 150#

Design Press./Temp.: 150 PSIG / 150°F
Mat'l Plates/Gaskets: 316 SS / NBR CLIP-ON
Plates Actual/Max.: 271 / 303 (0.5MM)
Weight Dry/Flooded: 6,860 LBS / 9,039 LBS
For Mfg. Only, LC/LT: 2400 MM / 2250 MM

Manufactured in Richmond, Virginia

rev.	description		by	ck	date
A B.0	HGT b<= revised Changed SC Foot Thick. from 5/8 to 1/2"		MG TL	MG MS	6/97 6/87
by	date	check	date	approval	date
RKD	9/93	RK	12/93	MG	12/93
Dwg. No.: 88120-531					Rev.: B.0

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Serial No. 30103-91339 Date 990505
to 30103-91340 KM

Plate Heat Exchanger type M20-MFG Quantity 2
Drawing no. -----

Customer Purchase Order
S138841

Unknown

Agent Tag Information
Alfa Laval Thermal Inc.
USA

Supplier Order No.
Alfa Laval Thermal Inc. 501290
Richmond, Va. -----

Plates with parallel flow.

The plate pack is tightened to 1220 mm

Always observe plate from its gasket side.

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 Operational & Maintenance Manual.

Measurements (see drawing) mm : Dry Weight
: 6860 Lbs.
: :
A = 1220 : Liquid Volume
: 261.60 US Gal
: :
: Design Pressure
: 150.0 PSIG
MDMT = -5 DEG. F :

Connection Standard : Design Temperature
ANSI 150 150 F

Remarks

	---Hot Side---	---Cold Side---
Media	Water	Water
Flow rate	1680 GPM	1710 GPM
Temp. program	70.0 to 60.0 F	56.0 to 65.8 F
Pressure drop	4.768 psi	4.963 psi
Liquid Volume	130.81 US gal	130.81 US gal
Location of Connections		
Inlet	S1	S3
Outlet	S2	S4
Extra Inlet		
Extra Outlet		
Material in connections	UNL	UNL
Plates Material	AISI 316	
Thickness	0.50 mm	
Gasket material	NITRILE	CLIP-ON
Heat Transfer Surface	2460.27 Sq.Ft.	
Plate Grouping	1* (87H+48ML)/	1* (87H+48MH)

Plate no.	Plate code no.	Punched corner of the plate				Flow direction on the gasket side of the plate
		upper right	lower right	lower left	upper left	
		1	2	3	4	
		->-	<--	=<=	==>	
1	End Plt2 83A H	O	O	O	O	
2	Chan Plt 03B H	U----	--U	O	O	Down
3	Chan Plt 03A H	O	O	U====	==U	Up
4	Chan Plt 03B H	U	U	O	O	Down
5	Chan Plt 03A H	O	O	U	U	Up
		)	)	)	)	
		(	(	(	(	
174	Chan Plt 03B H	U	U	O	O	Down
175	Chan Plt 03A H	O	O	U	U	Up
176	Chan Plt 03B ML	U	U	O	O	Down
177	Chan Plt 03A MH	O	O	U	U	Up
178	Chan Plt 03B ML	U	U	O	O	Down
179	Chan Plt 03A MH	O	O	U	U	Up
		)	)	)	)	
		(	(	(	(	
268	Chan Plt 03B ML	U	U	O	O	Down
269	Chan Plt 03A MH	O	O	U	U	Up
270	Chan Plt 03B ML	U----	--U	O	O	Down
271	End Plt1 16A MH			====	==	Up
		T	1	2	3	4

DATE : 990505

Ed. 1

30103-91339 / 30103-91340

Plate-req. for manuf.order: 501290

Orderno. : 501290-01

M20 M AISI 316 0.50 NITRILE CLIP-ON

PLATE NUMBER	QUANTITY/PHE	TOTAL QUANTITY
372717 4403	48	96
372817 0416	1	2
372817 0483	1	2
372817 4403	221	442
TOTAL (CHANNELPL.+ENDPL.)	271	542