

This Document And Its Contents Are The Property Of Alfa Laval Thermal Inc. And Must Not Be Copied, Reproduced, Transmitted, Or Disclosed To Any Third Party Without The Consent Of Alfa Laval

INT. DATE	CHK'D	APP'D	REV.	INT. DATE	CHK'D	APP'D	REV.
7-17-95	PAR	FAS	2	6-8-95	PAR	FAS	1

Weight, Flooded - Approx.	1975 #
Weight, Empty - Approx.	1595 #
Maximum Allowable Working Press. (Both Sides)	75 PSIG
Design Temp. (Both Sides)	20°F Min. ; 150°F Max.
Inner Channel (Hot Side)	1/4"
Outer Channel (Cold Side)	5/16"
Outer Spiral Thickness	.105" X 36" Wide
Spiral Material	SA-240-304 SS

NOTE:

ALL HEADS SA-516-70(N), FACED WITH SA-240-304L SS GASKETS - NON ASBESTOS (26" NOMINAL DIA.)

HOOKBOLT ASSY. 18 Per Cover, 3/4" D. X 6" LG. SA-193, B7 (Zinc Plated) PAINT - MFG. STD., CARBOLINE 801 PORCELAIN BLUE

TOLERANCE ON ALL DIMENSIONS $\pm \frac{1}{8}$ "

TOLERANCE ON ANGULAR DIMENSIONS $\pm \frac{1}{2}^\circ$

BOLT HOLES TO STRADDLE SHOWN CENTER LINES, $\pm 1^\circ$

* LOCATION OF NAMEPLATE MFG. OPTION

FOR WELD DETAILS SEE DWG. NO. D-101 A & B

NOZZLE SCHEDULE

ALL FLANGED NOZZLES ARE SA-312-304L SS, TYPE A STUB ENDS, SCHED. 40

DRAINS: R & P, ARE SA-312-304L SS, SCHED. 40

FLANGES ARE SA-105

MARK	NO.	REQ'D	SIZE	RATING	FACING	REMARKS
R	1	1"	---	N.P.T.	CAPPED	
P	1	1"	---	N.P.T.	CAPPED	
N	2	4"	150 #	L.J.		
K	2	1-1/2"	150 #	L.J.		

DESIGNED, CONSTRUCTED AND STAMPED IN ACCORDANCE WITH A.S.M.E. CODE SEC. VIII-DIV. 1-1992, ADDENDA 1993

Alfa Laval Thermal Inc.
Lykens, PA 17048-0010

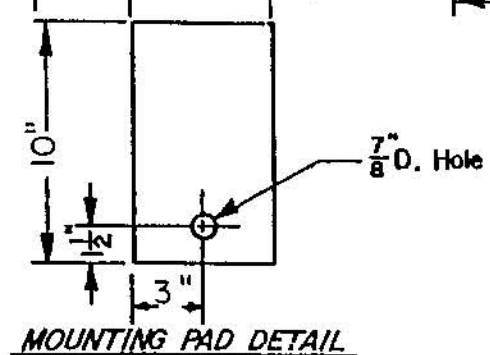
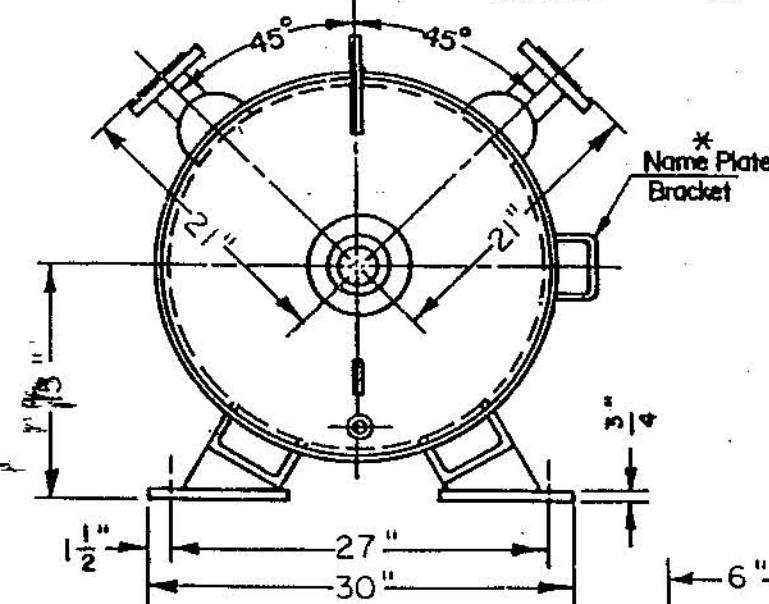
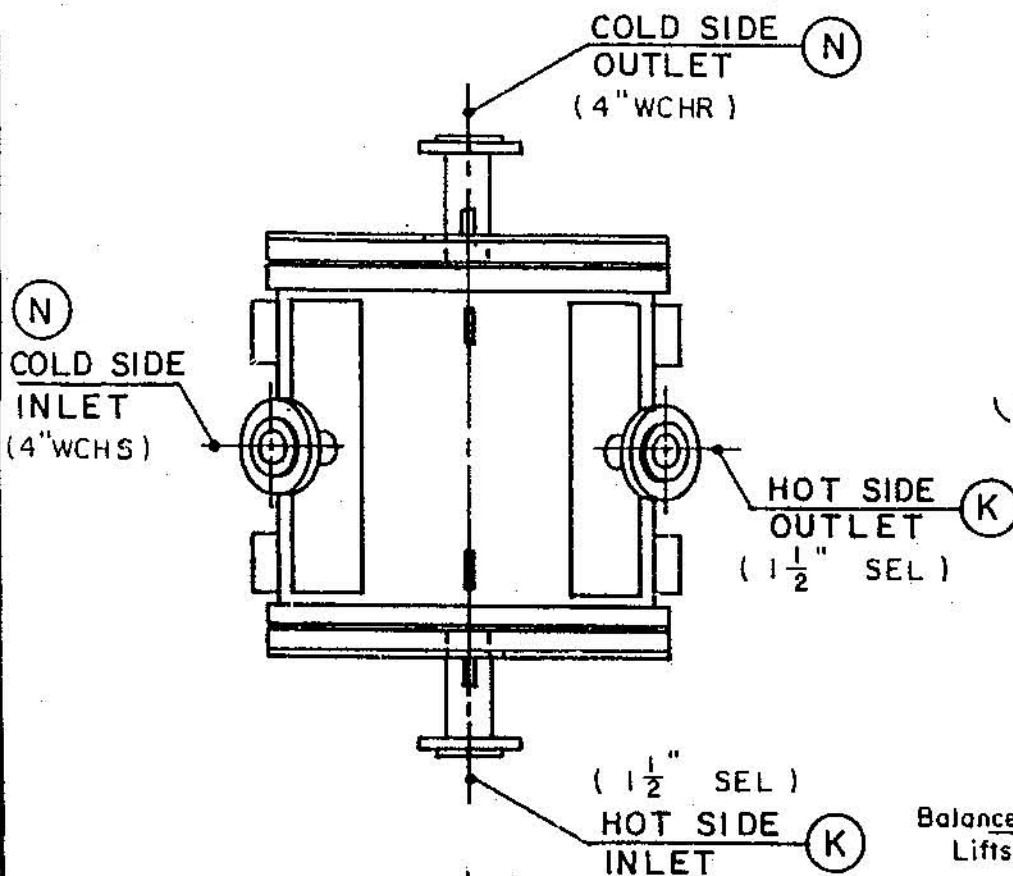
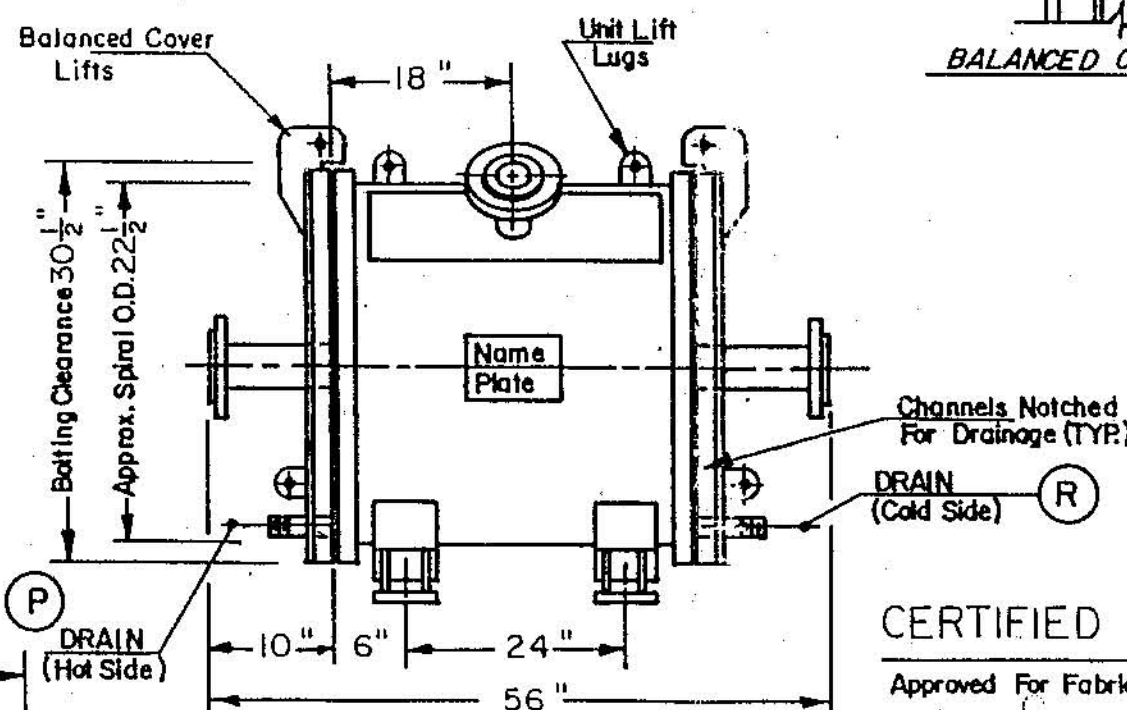
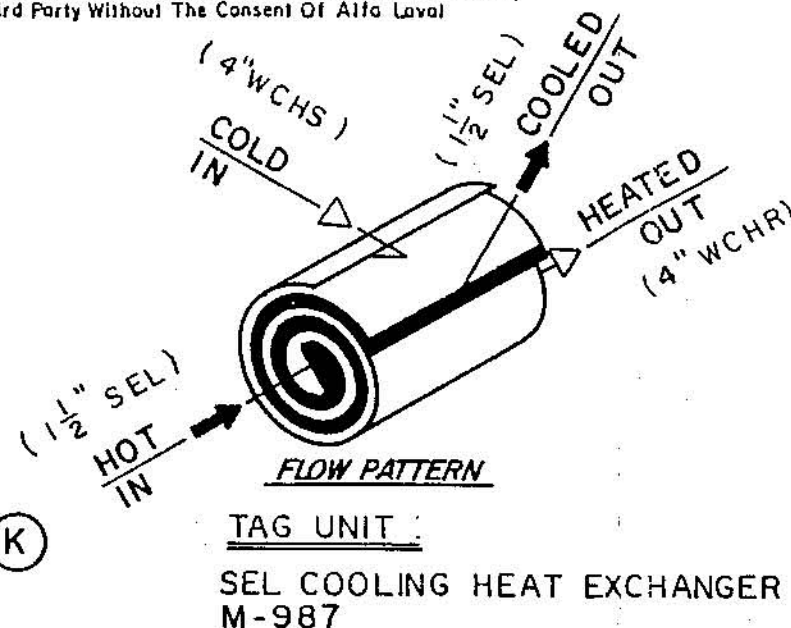
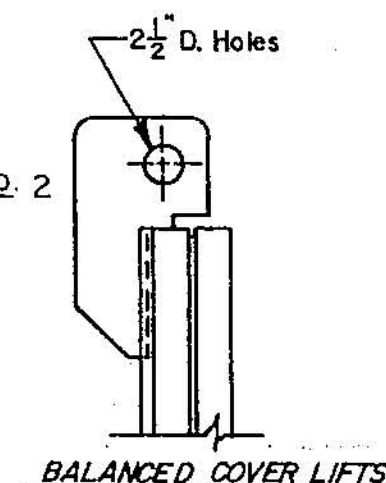
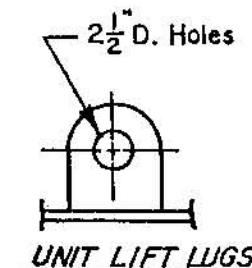
CUSTOMER: KIMBERLY - CLARK CORPORATION

ORDER No. 22HX9759SB ITEM No. 1066679

210 SQ. FT. SPIRAL HEAT EXCHANGER

Dwn. By SMY Chkd. Jca App'd Jca Job No. 951979

DATE 5-22-95 Mfg. No. 22077 TYPE 1H8004



WARNING!!

WHEN COVER IS REMOVED FOR INSPECTION OF ONE PASSAGE, BE SURE THERE IS NO PRESSURE IN THE OPPOSITE CHANNEL. IF PRESSURE IS TO BE APPLIED FOR TESTING WITH ONE COVER REMOVED, THE UNCOVERED SPIRAL MUST BE RETAINED BY SUITABLE HOLD-DOWN BARS TO PREVENT PARTIAL TELESCOPING UNDER PRESSURE.

CERTIFIED PRINT

Approved For Fabrication Or Erection

By *[Signature]* Date 6-8-95

DATE	SYM.	REVISION	BY
7-14-95	2	PLACED ADDITIONAL NOZZLE IDENTIFICATION ON DRAWING.	SMY
6-6-95	1	CHANGED DWG. STATUS TO CERTIFIED.	SMY

KIMBERLY - CLARK CORPORATION
PROJECT STAR (PROJ. NO. 9828)
ANCRAM, N.Y.
P.O. NO. 22HX9759SB
EQUIP. NO. M-987