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CHK'D APP'D REV
PAB PAB 2
INT. DATE 7-17-95

CHK'D APP'D REV
PAB PAB 1
INT. DATE 7-17-95

Weight, Flooded—Approx.	1200	#
Weight, Empty—Approx.	1050	#
Maximum Allowable Working Press. (Both Sides)	75	PSIG
Design Temp. (Both Sides)	20°F Min. ; 175°F Max.	
Inner Channel (Hot Side)	ALTERNATE CHANNELS WELDED	1/4"
Outer Channel (Cold Side)		1/4"
Outer Spiral Thickness	.105" X 18" Wide	
Spiral Material	SA-240-304 SS	

NOTE:
ALL HEADS SA-516-70(N), FACED WITH SA-240-304L SS.
GASKETS—NON ASBESTOS (24" NOMINAL DIA.)

HOOKBOLT ASSY. 16 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-101A 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

MARK	NO.	REQ'D.	SIZE	RATING	FACING	REMARKS
R	1	1"	—	N.P.T.	CAPPED	
P	1	1"	—	N.P.T.	CAPPED	
N	2	3"	150#	L.J.		
K	2	2"	150#	L.J.		

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

Alfa Laval Thermal Inc.
Lykens, PA 17048-0010

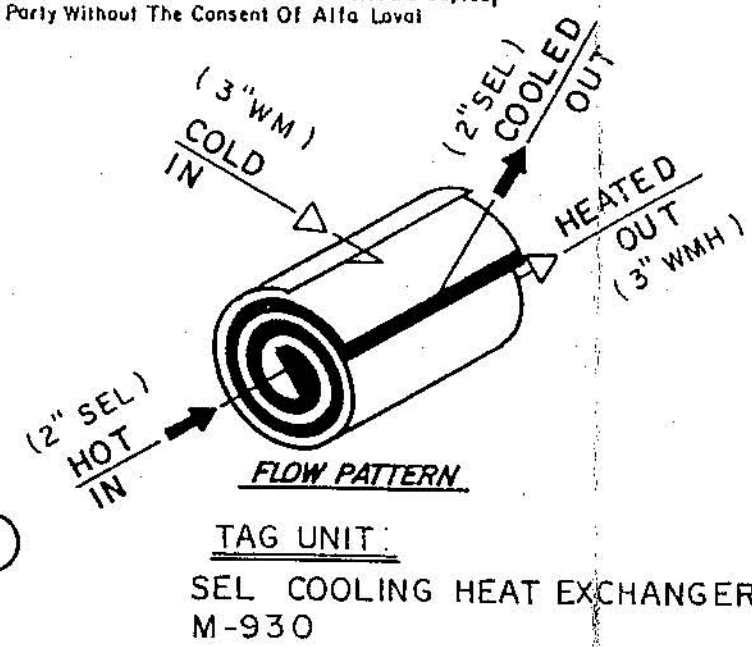
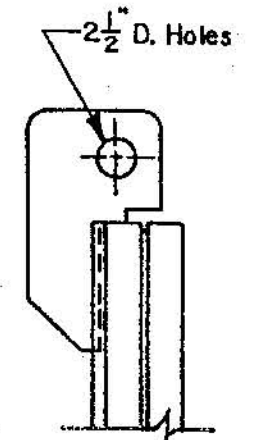
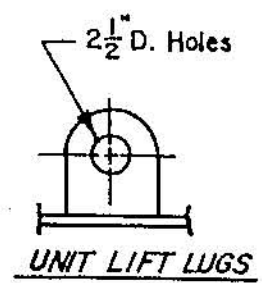
CUSTOMER: **KIMBERLY - CLARK CORPORATION**

ORDER NO. **22HX9759SB** ITEM NO. **1066678**

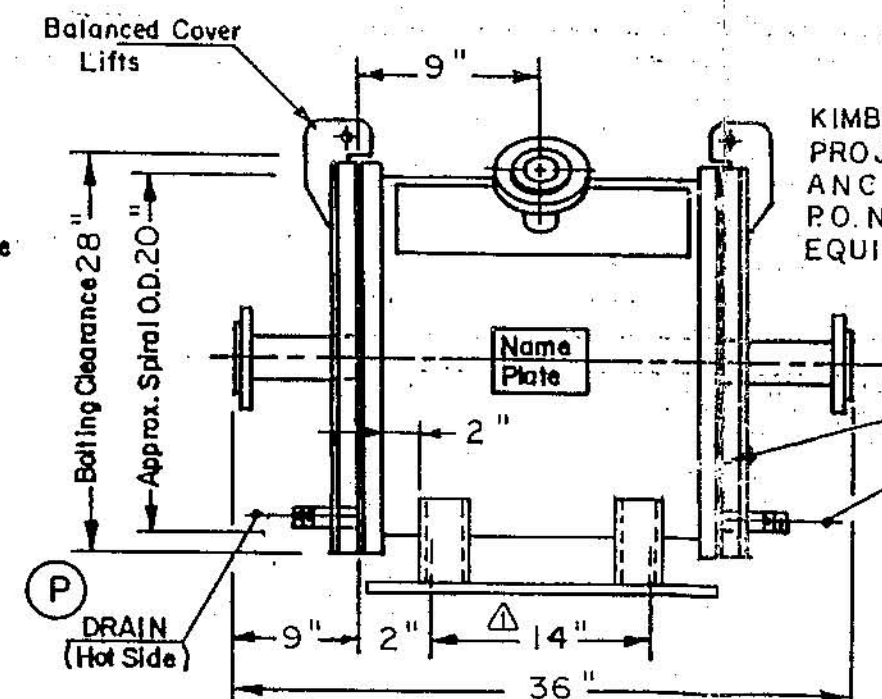
90 SQ. FT. SPIRAL HEAT EXCHANGER

DWN. BY **SMY** CHK'D. **SMY** APP'D. **SMY** JOB NO. **951979**

DATE **5-22-95** MFG. NO. **22076** TYPE **1H8004**



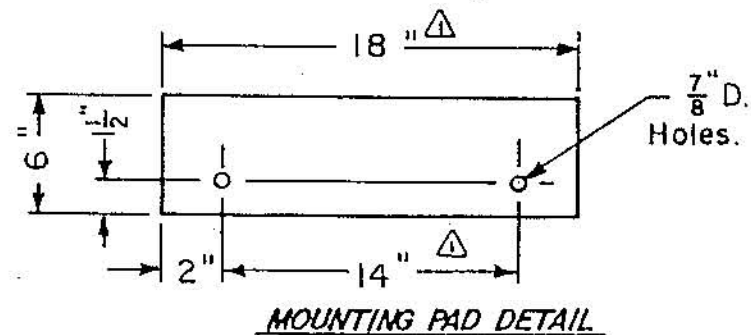
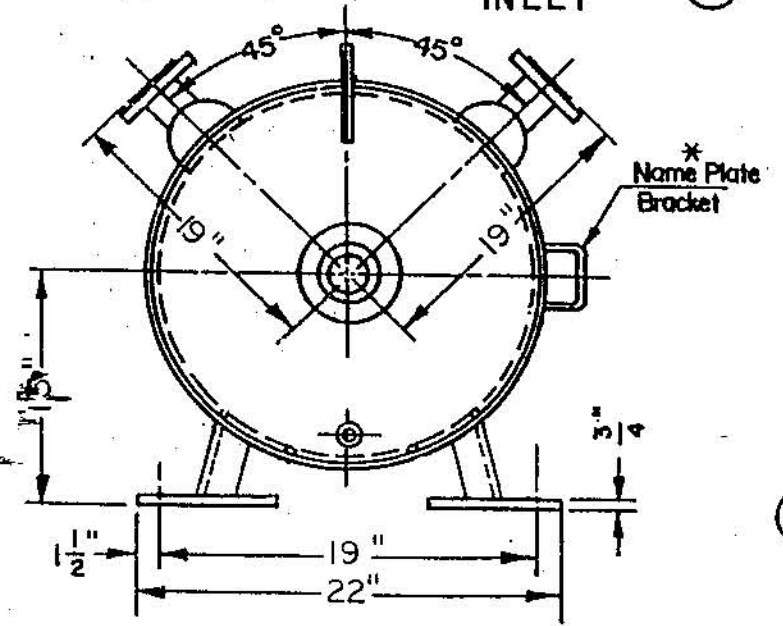
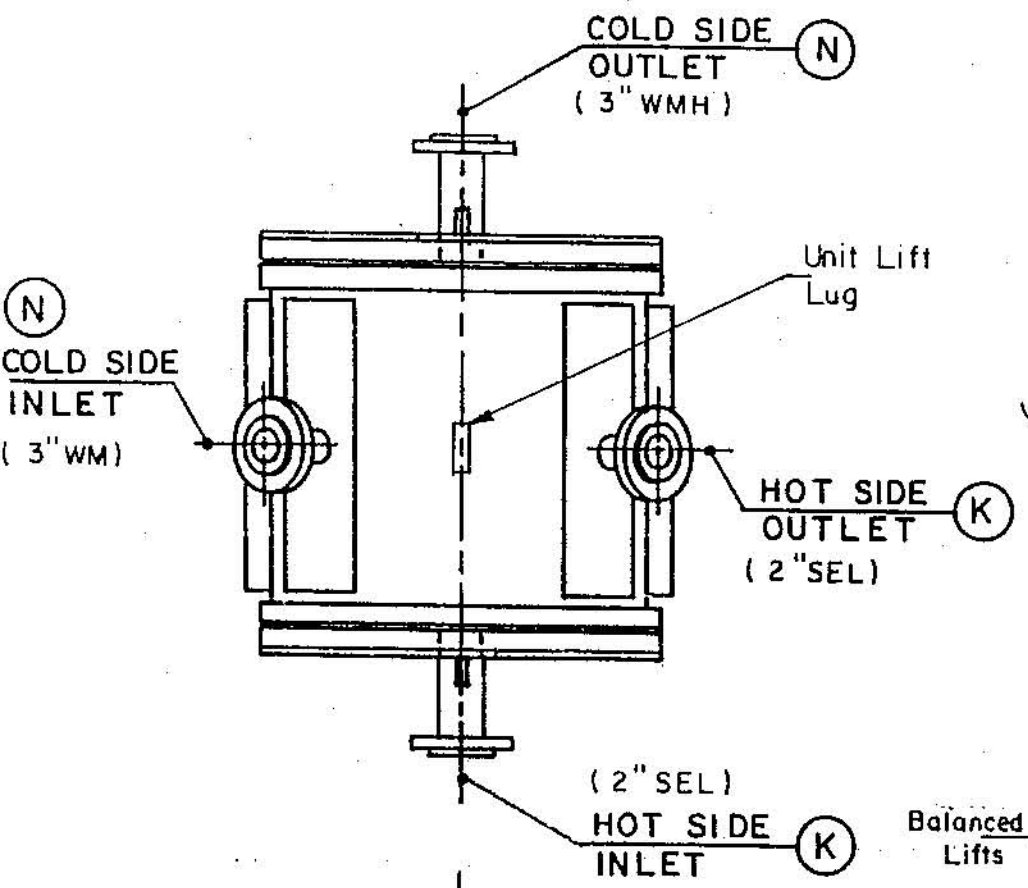
KIMBERLY - CLARK CORPORATION
PROJECT STAR (PROJ. NO. 9828)
ANCRAM, N.Y.
P.O. NO. 22HX9759SB
EQUIP. NO. M-930



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 SINKABLE 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 AND REVISED MOUNTING PAD DIM'S.	SMY



MOUNTING PAD DETAIL