PLATE HEAT EXCHANGER SPECIFICATION SHEET

DATE: 07/10/2001
PROJECT: WYCOFF/EAGLE HARBOR PROPOSAL NO. 012744-28A R00

MODEL NO: UFX-6-6 FRAME TYPE: UP PLATES PER UNIT: 41 ASME

NO. OF UNITS IN PARALLEL: 1 HEAT TRANSFER AREA: 29.0 SQ FT / UNIT

RUN NUMBER: 479949 R

* PERFORMANCE	*** HOT SIDE	******** COLD SIDE ***	
FLUID CIRCULATED	* WATER	* WATER	*
TOTAL FLOW RATE	* 50.00	* 50.00	* GPM
UNIT FLOW RATE	* 50.00	* 50.00	* GPM
SPECIFIC HEAT	* 1.00	* 1.00	* BTU /LB °F
SPECIFIC GRAVITY	* 1.00	* 1.00	*
THERMAL CONDUCTIVITY	* 0.37	* 0.36	* BTU/HR FT °F
VISCOSITY	* 0.43	* 0.68	* CP AT AVG TEMP
INLET TEMPERATURE	* 200.00	* 50.00	* °F
OUTLET TEMPERATURE	* 100.00	* 150.00	* °F
PRESSURE DROP	* 10.00	* 9.70	* PSI
HEAT EXCHANGED	********** 2503634.6	********	BTU/HR UNIT
DESIGN "U" VALUE	********** 1775.0	********	BTU/HR SQ FT °F

* CONSTRUCTION			* PASS ARRANGEMENTS
DESIGN PRESSURE	* 150	* PSIG	1 X 1
TEST PRESSURE	* 196	* PSIG	
DESIGN TEMPERATURE	* 250	* °F	
UNIT NET WEIGHT	* 216	* POUNDS	

* UNIT DIMENSIONS		* NOZZLE SPECIFICATIONS	
A(MAX) *	5.15"	LOCATION S1 H/I-	1"-STR
A(MIN) *	4.85"	LOCATION S2 C/I-	1"-STR
B *	23.88"	LOCATION S3 H/O-	1"-STR
C *	25.88"	LOCATION S4 C/O-	1"-STR
T *	0.88"		

* MATERIALS		
PLATES	*	316 SS
GASKETS	*	NBR
NOZZLES	*	HOT-316LSS COLD-316LSS (THREADED)
FRAME	*	CS EPOXY PAINTED
BARS	*	CS EPOXY PAINTED WITH STAINLESS GUIDES
BOLTS	*	ZN PLATED CS

* REMARKS: HX-1 & HX-2

The SUPERCHANGER performance guarantee is based on the accuracy of the data presented above, and the customer's ability to supply product and operating conditions in conformance with the above.