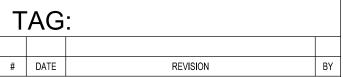


DESIGN DATA					
ASME CODE SECTION VIII, DIV. 1 STAMP UM					
SHELL RATED	150 PSI @ 375F				
TUBE RATED	150 PSI @ 375F				
CONDITION OF SERVICE AND PERFORMANCE DATA					
FLOW RATE (gpm)	GPM				
INLET TEMPERATURE (Deg. F)	°F				
OUTLET TEMPERATURE (Deg. F)	∘F				
INLET STEAM PRESSURE (PSI)	PSIG				
STEAM CAPACITY REQ. (LBS/HR)	LBS/HR				
SEE QUOTE					
MATERIALS OF CONSTRUCTION					

322 40012				
MATERIALS of CONSTRUCTION				
SHELL	316L STAINLESS STEEL			
TUBES				
JBESHEET (OUTER)(DOUBLE WALL ONLY)				
TUBESHEET (INNER)				
STEAM HEAD	CAST IRON			

BILL of MATERIALS			
ITEM	SIZE SELECTION	DESCRIPTION	
1	BUNDLE	10"ØX 48" SHELL (ASME CODE STAMPED), 1 1/2" OF GLASS INSULATION & VINYL JACKET	
2		THERMAFLO ELECTRONIC CONTROLLER, UL LISTED, PID ELEC. TEMP. CONTROL, W/ SAFETY SHUTDOWN AND OPERATION INDICATOR LIGHTS	
2A	STANDARD	1/2" UL LIQUIDTIGHT FLEXIBLE STEEL CONDUIT, TYPE LFMC	
3		THERMAFLO JVV-VBALL STEAM CONTROL VALVE, STAINLESS, W/FAIL SAFE ACTUATOR	
3 <i>A</i>		THERMAFLO BVV-VBALL STEAM SAFETY SHUTDOWN VALVE, STAINLESS, W/FAIL SAFE ACTUATOR	
4		THERMAFLO FLOAT AND THERMOSTATIC STEAM TRAP	
5	STANDARD	TEMPERATURE GAUGE, 0-250F, SS WELL.	
6	STANDARD	1/2" RTD, 4-20ma OUTPUT FROM CONTROLLER	
7	STANDARD	1-1/2" 18C5424150 PRESSURE & TEMP. RELIEF VALVE, SAT @ 150 PSI @ 210F, RATED @ 6,050,000 BTU.	
8	STANDARD	3/4" HIGH-TEMP. DUMP SOLENOID	
9	STANDARD	3/4" SHELL RE-CIRCULATION PUMP	
10	STANDARD	1" THERMAFLO 3700 BALL VALVE, FULL PORT, STAINLESS STEEL	
11	STANDARD	4.5" DIAL PRESSURE GAUGE 0-30 PSIG W/ SYPHON	
11A	STANDARD	3/4" THERMAFLO VACUUM BREAKER	
11B	STANDARD	1/4" THERMAFLO 3700 BALL VALVE, FULL PORT, STAINLESS STEEL	
12	STANDARD	THERMAFLO CARBON STEEL STAND	

NOZZLES & CONNECTIONS							
ITEM	SIZE (IN)	TYPE SERVICE					
Α	3	150# FLG	HOT WATER OUTLET				
В	3	150# FLG COLD WATER INLET					
С		NPT	STEAM INLET				
D		NPT	CONDENSATE OUTLET				
Ε	3/4	NPT	GAUGE				
G	1 1/2	NPT	RELIEF VALVE				
Н	3/4	NPT	DUMP SOLENOID				
J	3/4	NPT	GAUGE				
K	1	NPT	DRAIN				



THERMAFL® Since 1986 INC.

Manufacturers Of Steam Fired Specialty Equipment 2880 Fair Avenue, Newberry, SC 29108 (704) 940-1228 www.thermafloengineering.com

DESCRIPTI	ON:						
TH750V-10"-EC1000 STEAM FIRED WATER HEATER							
CUSTOMER:			JOB#		QTY.	DATE:	
SCALE:	DRAWN:	PO#	PLAN#	FILE:	SAME	REV.#	PAGE: 1 OF 1