



- NOTES:
- NON-ASME CODE VESSEL
 - RATED TO 150 PSI, HYDRO'D @ 195 PSI FOR 30 MINUTES
 - PAINT:
 - INTERIOR: N/A
 - EXTERIOR: RED OXIDE PRIMER WITH GRAY ACRYLIC TOP COAT
 - DESIGNED MAX INCOMING FLOW RATE CAPACITY: 5,000 PPH (10 GPM)
 - MAX GRAVITY DRAIN FLOW RATE CAPACITY: 16,000 PPH (32 GPM)
 - MAX COLD WATER INJECTION FLOW REQUIREMENT = ~18.5 GPM TO REDUCE 212 DEG F TO 120 DEG F WITH ASSUMED ≤ 70 DEG F COLD WATER

BILL OF MATERIALS			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	#	PIPE: 4" X 12" SCH 40 A-53
2	2	PF-CA-P34W	PIPE CAP: 4" SCH 40 SA-234
3	1	PF-HCP-I33T	VENT: 1-1/2" FNPT CLASS 3000 CS HALF COUPLING
4	1	PF-HCP-G33T	INLET #1: 1" FNPT CLASS 3000 CS HALF COUPLING
5	1	PF-HCP-G33T	INLET #2: 1" FNPT CLASS 3000 CS HALF COUPLING
6	1	PF-HCP-I33T	DRAIN: 1-1/2" FNPT CLASS 3000 CS HALF COUPLING
7	1	PF-HCP-F33T	COLD WATER INLET: 3/4" FNPT CLASS 3000 CS HALF COUPLING
8	1	PF-NP-FA34T	COLD WATER NIPPLE: 3/4" X CLOSE MNPT CLASS 150 CS
9	1	AC102	TEMPERATURE REGULATING VALVE: 3/4" FNPT X FNPT, BRASS VALVE BODY, CV 7.7, 3/4" MNPT X 8" SENSING PROBE WITH 6' CAPILLARY CORD, STERLING
10	1	PF-NP-IA34T	DRAIN NIPPLE: 1-1/2" X CLOSE MNPT CLASS 150 CS
11	1	PF-T-I34T	DRAIN TEE: 1-1/2" FNPT X 1-1/2" FNPT X 1-1/2" FNPT CLASS 150 CS
12	1	PF-NP-IN34T	TEMPERATURE REGULATING VALVE NIPPLE: 1-1/2" MNPT X 3" CLASS 150 CS
13	1	PF-CP-I33T	TEMPERATURE REGULATING VALVE COUPLING: 1-1/2" FNPT CLASS 3000 CS FULL COUPLING
14	1	PF-RB-IF4T	TEMPERATURE REGULATING VALVE REDUCER BUSHING: 1-1/2" MNPT X 3/4" FNPT CLASS 150 CS
15	2	#	MOUNTING TAB: 2" X 3", CS, INCLUDES GUSSET AND 3/8" BOLT HOLE

MADDEN ENGINEERED PRODUCTS		TITLE		DRAWING NUMBER	
TOLERANCES		DIMENSIONAL DRAWING		CCCS04-111H1HT-G	
DEC	FRAC	ANGLE	CONDENSATE COOLER		DISTRIBUTOR/REP
±	±	±	P/N: CCCS04-111H1HT-G		PURCHASE ORDER NO.
REV	SHEET	SIZE	SCALE	DRAWN BY	PROJECT NAME
0	1/1	A	1:06		PROJECT LOCATION
				DRAWN DATE	
				03/04/2026	

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