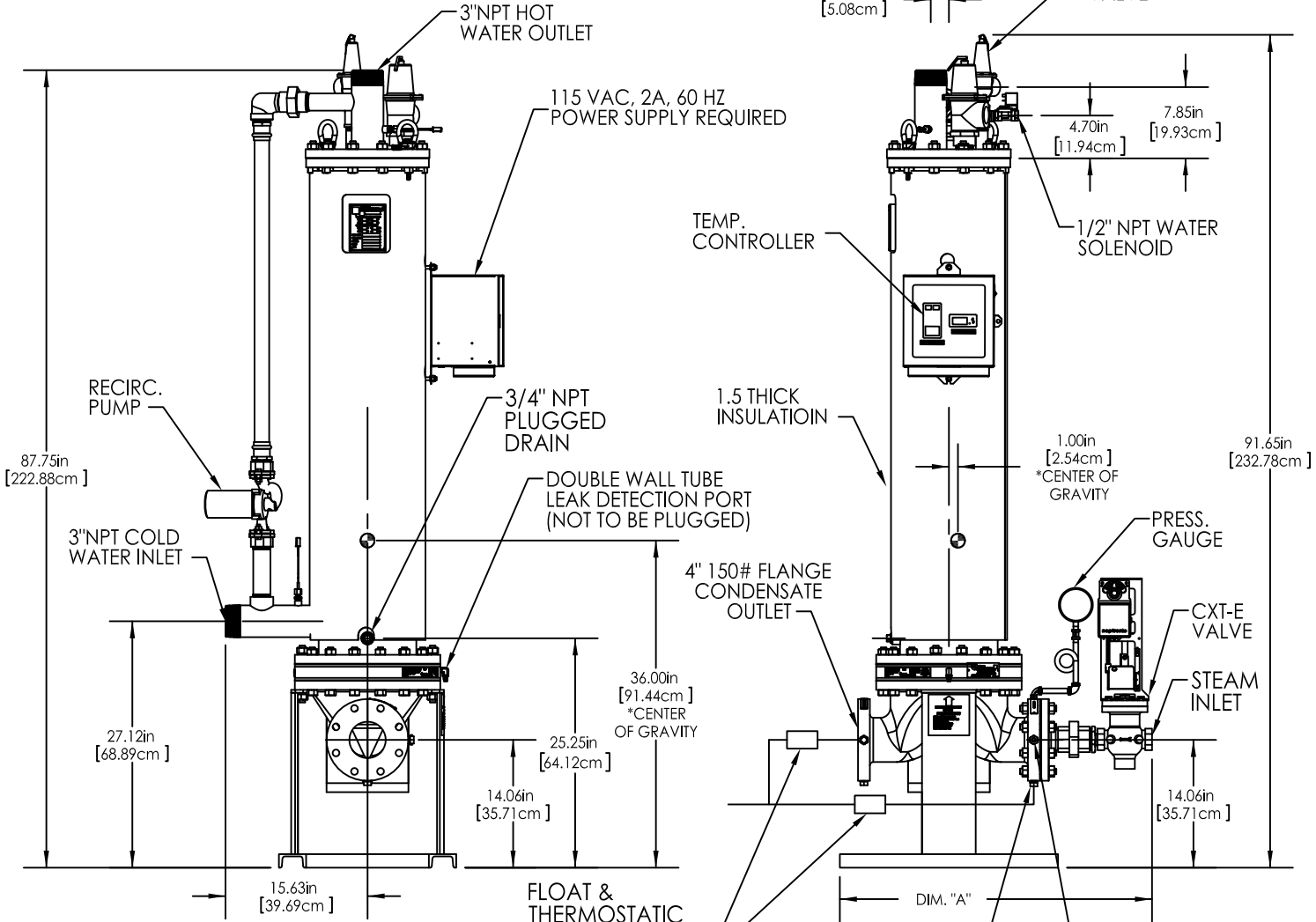
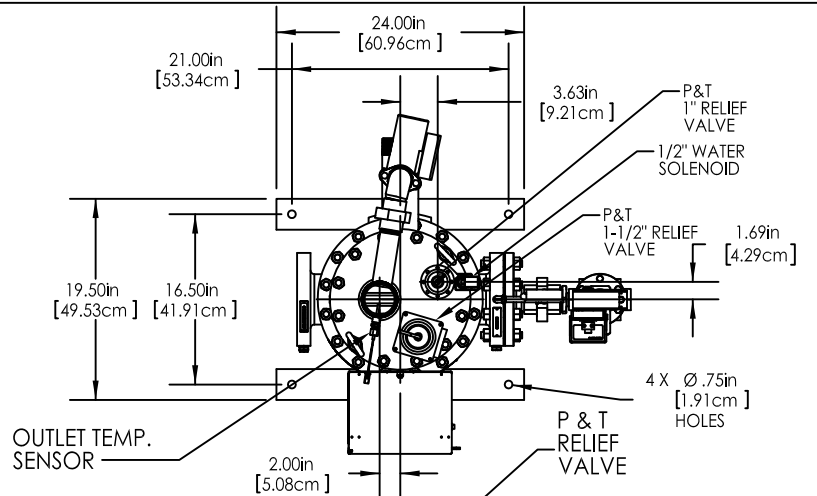


MATERIALS OF CONSTRUCTION	
SHELL	304 S.S. SA-240; SCH. 10S
HEADS	UPPER, 1.0" THICK PLT., SA-240, 304L S.S. LOWER, CAST DUCTILE IRON SA-395
TUBES	COPPER, SB-111 DOUBLE WALL, OUTER, 0.750"OD x 0.049" WALL INNER, 0.625"OD x 0.025" WALL
TUBESHEET	UPPER TUBESHEET: 0.25" NAVAL BRASS, SB-171, CDA 464 LOWER TUBESHEET LINER: 0.25" NAVAL BRASS, SB-171, CDA 464 LOWER TUBESHEET: 0.88" SA-515, GR. 70 C.S



HEAT EXCHANGER DESIGN STANDARDS			
	MAX. WORKING PRESSURE, PSIG (kPa)	MAX. TEMP. °F (°C)	TEST PRESS., PSIG (kPa)
SHELL SIDE	180 (1241)	250 (121)	270 (1862) COLD
Cu TUBE SIDE	52 (359)	300 (149)	500 (3447)
CuNi TUBE SIDE	200 (1379)	388 (198)	500 (3447)

CONTROL VALVE SIZE IN(CM)	DIM "A" in./cm
1"(2.54) SCREWED END	35.43/ 89.99
1-1/4(3.18) SCREWED END	35.58/ 90.37
1-1/2(3.81) SCREWED END	34.35/ 87.25
2"(5.08) SCREWED END	35.00/ 88.90
2-1/2"(6.35) 150# ANSI FLANGED END	40.12/ 101.90
3"(7.62) 150# ANSI FLANGED END	40.87/ 103.81
4"(10.18) 150# ANSI FLANGED END	35.93/ 91.26

OPERATING CONDITIONS	
SHELL	CAPACITY, GPM(L/S) / IN/OUT TEMP. °F(°C)
TUBES	FLOW LB/HR (Kg/S) / PRESSURE TO VALVE, PSIG(kPa)

ASME B&PV CODE SEC. VIII, DIV. 1 STAMP U

RELIEF VALVES SET AT °F, PSI

MODEL SWDW-45/ / EC
(VALVE SIZE)

GAERCO 100 ORITANI DRIVE | BLAUVELT, NY 10913
A WATTS Brand gaerco.com

DW-45 S/W DOUBLE WALL HEATER PACKAGED WITH CXT-E VALVE DIMENSIONAL DRAWING

DWN BY: BH	DATE: 05/28/2013	DWG. NO.:	REV
SCALE: NTS	SIZ: _____	AP-A-930	D
CHRD BY: _____	APPD: _____		

*NOTE: CENTER OF GRAVITY IS WITHOUT VALVE LINE.