
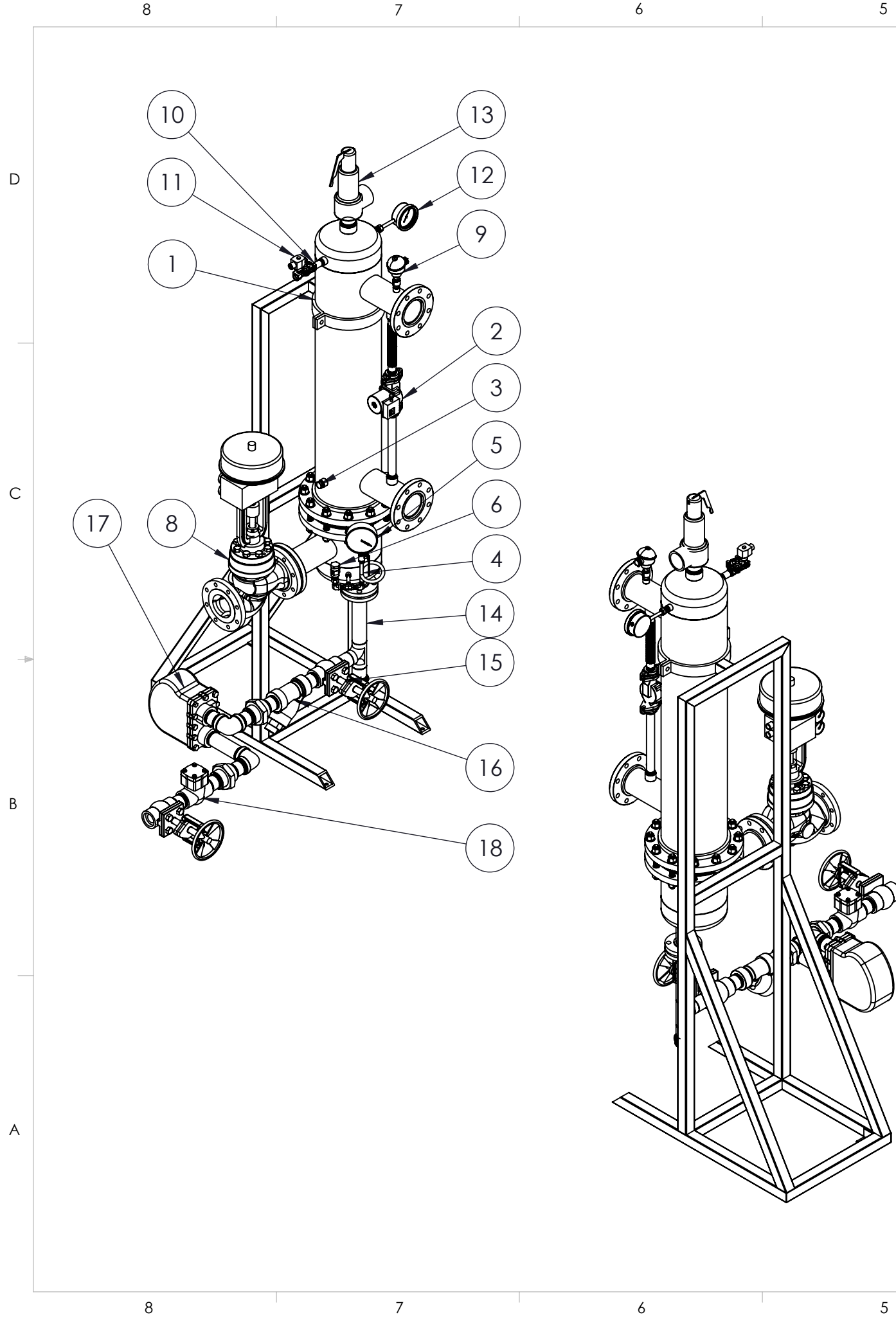



Design and Operating Conditions			
Service Fluid #1	Water (Inlet: N3, Outlet: N4)		
Design	Pressure	Temperature	Flow Rate
	150 PSI	N/A	N/A
Operating Inlet	N/A	40°F	159.0 USGPM
Operating Outlet	N/A	160°F	159.0 USGPM
Service Fluid #2	Steam (Inlet: N1, Outlet: N2)		
Design	Pressure	Temperature	Flow Rate
	150 PSI	N/A	N/A
Operating Inlet	40 PSI	286°F	6360 Lbs/Hr
Operating Outlet	N/A	N/A	6360 Lbs/Hr
Service Fluid #3	Air		
Operating	Pressure	Temperature	Flow Rate
	65 PSI	N/A	N/A
Electrical Data			
Control Panel	Supply Voltage	Control Signal	Control Voltage
	120V	4-20 MA	
Max. Load Per Skid BMS	20 AMPS		
	N/A		
Piping Material			
Steam Side	Carbon steel Sch. 40		
Condensate Side	Carbon steel Sch. 80		
Water Side	Stainless steel Sch. 40		
Nozzel Connection Table			
Conn.	Size	Type	Despcrition
N1	ø 4"	ANSI 150# - Carbon steel	Steam Inlet
N2	ø 2"	NPT - Carbon steel	Condensate Outlet
N3	ø 4"	ANSI 150# - Stainless steel	Cold Water Inlet
N4	ø 4"	ANSI 150# - Stainless steel	Hot Water outlet
N5	ø 2-1/2"	NPT - Bronze	Safety Relief Valve Outlet
N6	ø 3/4"	NPT - Carbon steel	Dump Valve to Drain

- NOTES:**
- * Skid nozzels not supporting system piping
 - * Carbon steel painted frame
 - * Insulation by others
 - * Preliminary drawing for customer approval
 - * All discrepancies will be resolved with Desinger before fabrication
 - * Not for fabrication

ESTIMATED DRY WEIGHT: - LBS PROPRIETARY AND CONFIDENTIAL	PROJECT: P102 - ARYZA - CSS-10	 Custom Steam Solutions Inc Your Steam System Integrators
	CLIENT/CUSTOMER: -	
PAGE DESCRIPTION: CSS-10 FINAL ASSEMBLY	MODEL #: CSS-10	SCALE: 1:50 DWG SIZE: B SHEET: 1 OF 2 DRAWN BY: - DATE: 16/11/2016
	WORK ORDER #: -	APPROVED BY: MARCUS BELLOT DATE: 16/11/2016 DWG NO. 102-C001 REV: 0



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CSS-10 FINAL ASSEMBLY	STAINLESS STEEL	1
2	CIRCULATING PUMP ASTRO 250SS WITH PIPING ASSEMBLY	ARMSTRONG	1
3	Ø 3/4" STAINLESS STEEL PIPE PLUG	STAINLESS STEEL - 150#	1
4	PRESSURE GAUGE AND VACUUM BREAKER PIPING ASSEMBLY		1
5	PRESSURE GAUGE		1
6	VACUUM BREAKER		1
7	Ø 4" SPIRAL WOUND GASKET	STAINLESS STEEL-150#	1
8	Ø 4" ECOTROL PNEUMATIC	FORBES MARSHALL	1
9	RTD Ø 1/2"- NPT TR10 - 3" STEM TEMPERATURE SENSOR	WIKA	1
10	Ø 3/4" X 3" LONG NPT 304 STAINLESS STEEL PIPE NIPPLE	304 SS - SCH. 40	1
11	8210g003 3/4" FNPT BRASS SOLENOID DUMP VALVE	ASCO	1
12	TEMPERATURE GAUGE	TERRICE	1
13	Ø 2" X Ø 2-1/2" STEAM RELIEF VALVE		1
14	CSS-10 CONDENSATE PIPING ASSEMBLY	CARBON STEEL SCH. 80	1
15	033-20058 BERIC 501-T-8-8-A-08 2 CL800 A105N IP BB GATE VALVE	BERIC	2
16	041-24970 MUELLER 581CS 1/16 2 CS CL600 IP Y-STR 1/16	MUELLER	1
17	Ø 2" WATSON MCDANIEL FTE-20 STEAM TRAP	COLTON	1
18	033-70053 BERIC 504-T-8-8-A-08 2 CL800 A105N IP BC CHECK VALVE	BERIC	1
19	CSS-10 FRAME WELDMENT		1

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	CLIENT/CUSTOMER: -	
PROPRIETARY AND CONFIDENTIAL	PAGE DESCRIPTION: -	SCALE: 1:50 DWG SIZE: B SHEET: 2 OF 2 DRAWN BY: - DATE: 18/07/2016 APPROVED BY: MARCUS BELLOT DATE: 18/07/2016 DWG NO. - REV: 0
	MODEL #: CSS-10	
	WORK ORDER #: -	