

		Desig	n Data Sheet			
Design Para	ameters (Metric)		Design Parameters (US Standard)			
	Vessel	Jacket		Vessel	Jacket	
Working Pressure (MPa)	0.1	0.1	Working Pressure (psi)	14.5	14.5	
Design Pressure (MPa)	0.2	0.4	Design Pressure (psi)	29	58	
Working Temp (°C)	-5 - 4	0	Working Temp (°F)	23 - 10	23 - 104	
Design Temp (°C)	-10 - !	50	Design Temp (°F)	14 - 12	14 - 122	
	Beer	Glycol		Beer	Glycol	
Material	304	304	Material	304	304	
Gross Voume (gal)	294.5 (9.5BBL)		Gross Voume (gal)	294.5 (9.5BBL)		
Net Volume (gal)	217 (7BBL)	7	Net Volume (gal)	217 (7BBL)	7	
Saftey Valve Act Pressure (MPa)	0.1		Saftey Valve Act Pressure (psi)	14.5		
Heat Exchange Area (m²)	2.9		Heat Exchange Area (ft²)	30.8	30.8	
Insulation Material	PU		Insulation Material	PU	PU	
Insulation Thickness (mm)	80		Insulation Thickness (in)	3.2		
Pressure Test (MPa)	0.2	0.6	Pressure Test (psi)	29	87	

				Dime	nsions			
	Name	Connect Size (mm)	Connect Size (in)	Connect Type	Comments		(mm)	(in)
a	Manhole	580x480	22.9x18.9			Total Height	2455	96.6
b	CO2 Inlet	38.1	1.5	Clamp		Minimum Height	2312	91
C	Pressure Gauge	38.1	1.5	Clamp		Total Diameter	1363	53.7
d1-2	CIP Assembly Clamp	38.1	1.5	Clamp	2 clamps	Tank Diameter	1164	45.8
d3	CIP Converter Clamp	101.6	4	Clamp		Shipping Clearance		
d4	CIP Spray Ball Clamp	38.1	1.5	Clamp				
e	Beer Out	38.1	1.5	Clamp	2 clamps	Gasket Count		
f	Yeast Out	50.8	2	Clamp	3 clamps, includes reducer to 1.5"	1.5"	13	
g	Temp Gauge	38.1	1.5	Clamp		2"	4	
h	Safe Valve	50.8	2	Clamp		4"	2	
i	Hop Port	101.6	4	Clamp				
j	Sample Valve	38.1	1.5	Clamp			kg	lbs
k1-2	Thermocouple Port		NPT ½"	Female Threaded		Weight	340	749.6
r	Overflow	38.1	1.5	Clamp	3 clamps			
m1-2	Glycol In		NPT ¾"	Female Threaded				
m3-4	Glycol Out		NPT ¾"	Female Threaded				

