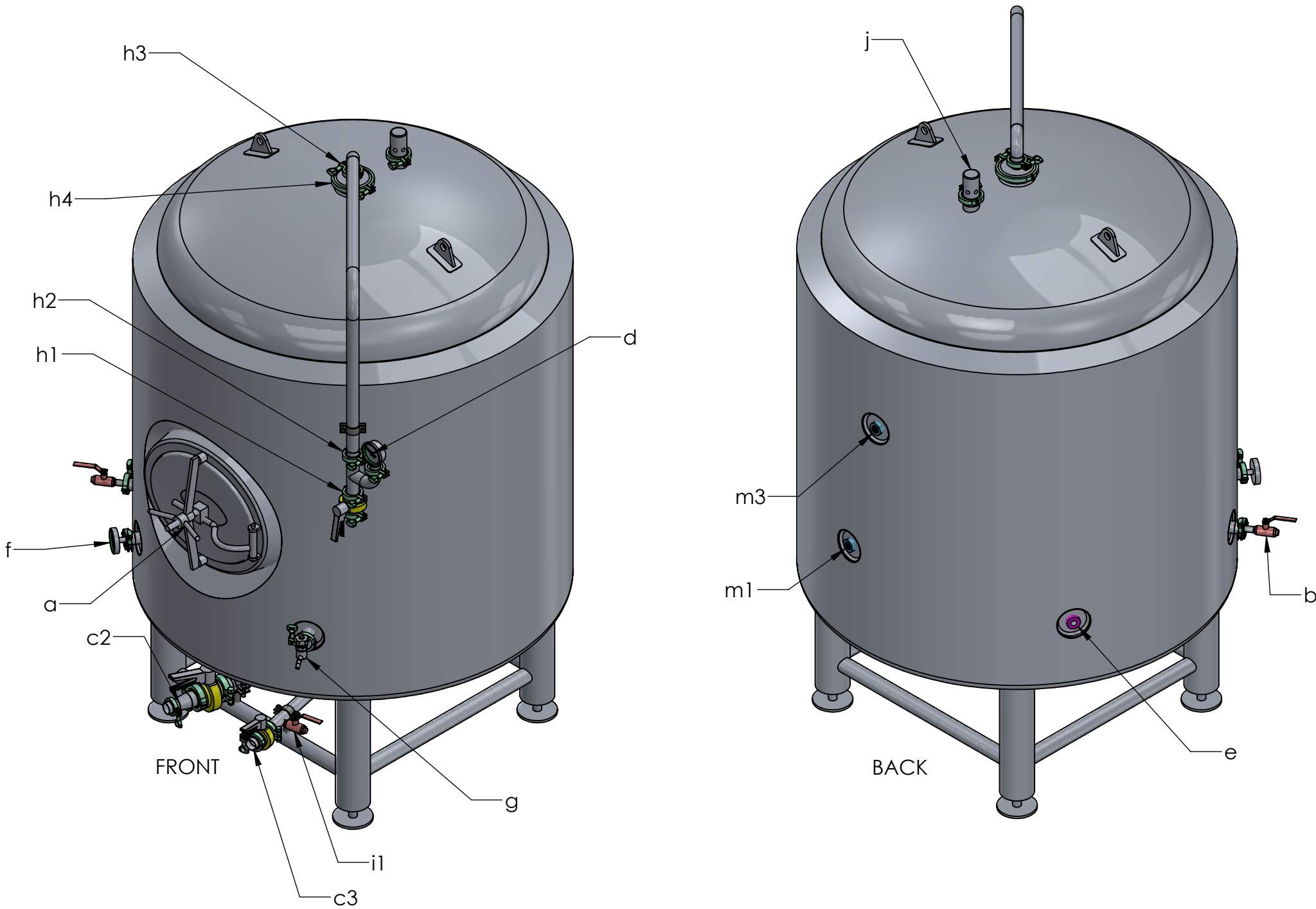


Design Data Sheet					
Design Parameters (Metric)			Design Parameters (US Standard)		
Working Pressure (MPa)		Vessel 0.1	Jacket 0.1	Working Pressure (psi) 14.5	
Design Pressure (MPa)		0.2	0.4	Design Pressure (psi) 29	
Working Temp (°C)		-5 - 40		Working Temp (°F) 23 - 104	
Design Temp (°C)		-10 - 50		Design Temp (°F) 14 - 122	
Material		304		Material 304	
Gross Voume (gal)		399.9 (12.9BBL)		Gross Voume (gal) 399.9 (12.9BBL)	
Net Volume (gal)		310 (10BBL)	8	Net Volume (gal) 310 (10BBL)	
Head Space		29%		Head Space 29%	
Saftey Valve Act Pressure (MPa)		0.1		Saftey Valve Act Pressure (psi) 14.5	
Heat Exchange Area (m²)		2.97		Heat Exchange Area (ft²) 32	
Insulation Material		PU		Insulation Material PU	
Insulation Thickness (mm)		80		Insulation Thickness (in) 3.2	
Pressure Test (MPa)		0.2		Pressure Test (psi) 29	
Component Specifications					
	Name	Connect Size (mm)	Connect Size (in)	Connect Type	Comments
a	Manhole	580x480	22.9x18.9		
b	CO2 Inlet	38.1	1.5	Clamp	
c1	Outlet	152.4	6	Clamp	
c2	Drain Outlet	50.8	2	Clamp	2 Clamps, includes reducer to 1.5"
c3	Beer Outlet	38.1	1.5	Clamp	2 Clamps
d	Pressure Gauge	38.1	1.5	Clamp	
e	Thermocouple Port		NPT ½"	Female Threaded	
f	Temp Gauge	38.1	1.5	Clamp	
g	Sample Valve	38.1	1.5	Clamp	
h1-3	CIP Assembly Clamps	38.1	1.5	Clamp	3 clamps
h4	CIP Converter Clamp	101.6	4	Clamp	
h5	CIP Spray Ball	38.1	1.5	Clamp	
i1-2	Level Ports	19	¾	Clamp	3 Clamps. Hose runs between ports (not included)
j	Safety Valve	50.8	2	Clamp	
m1-2	Glycol In		NPT ¾"	Female Threaded	
m3-4	Glycol Out		NPT ¾"	Female Threaded	
Dimensions					
				(mm)	(in)
	Total Height			2139	84.2
	Minimum Height			2001	78.8
	Total Diameter			1560	61.4
	Tank Diameter			1360	53.6
	Shipping Clearance				
Gasket Count					
	1.5"			11	
	2"			3	
	4"			1	
	6"			1	
Weight					
				kg	lbs
				405	892.9



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	NAME	DATE
DRAWN	MJM	8/2/2022
CHECKED	MWM	9/8/2022
ENG APPR.		
MFG APPR.		
COMMENTS:		

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SCALE: 1:15 SHEET 1 OF 1