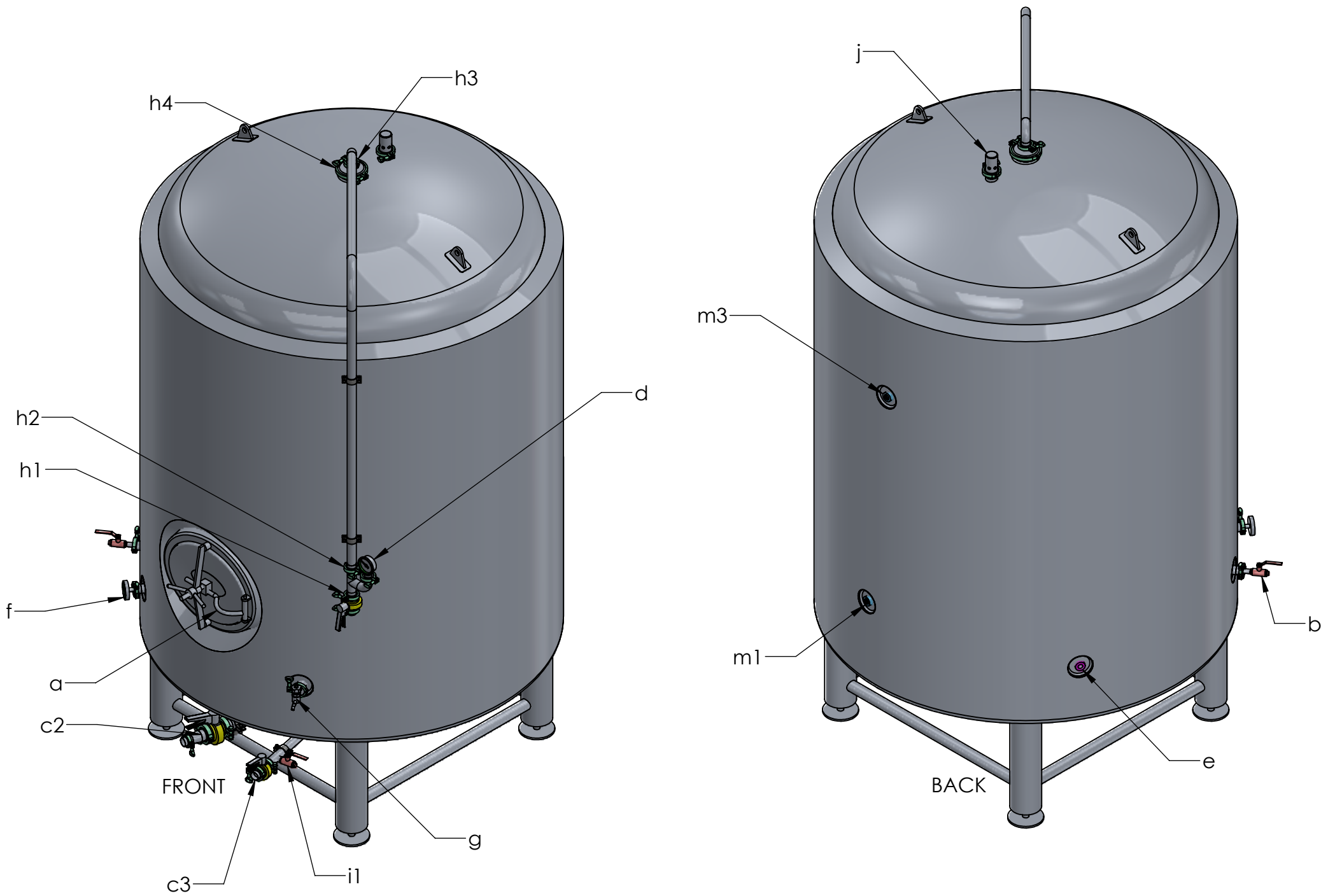


Design Data Sheet					
Design Parameters (Metric)			Design Parameters (US Standard)		
	Vessel	Jacket		Vessel	Jacket
Working Pressure (MPa)	0.1	0.1	Working Pressure (psi)	14.5	14.5
Design Pressure (MPa)	0.2	0.4	Design Pressure (psi)	29	58
Working Temp (°C)	-5 - 40		Working Temp (°F)	23 - 104	
Design Temp (°C)	-10 - 50		Design Temp (°F)	14 - 122	
Material	304		Material	304	
Gross Voume (gal)	1143.9 (36.9BBL)		Gross Voume (gal)	1143.9 (36.9BBL)	
Net Volume (gal)	930 (30BBL)	19	Net Volume (gal)	930 (30BBL)	19
Head Space	23%		Head Space	23%	
Saftey Valve Act Pressure (MPa)	0.1		Saftey Valve Act Pressure (psi)	14.5	
Heat Exchange Area (m²)	7.5		Heat Exchange Area (ft²)	80.2	
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					Dimensions		
	Name	Connect Size (mm)	Connect Size (in)	Connect Type	Comments	(mm)	(in)
a	Manhole	580x480	22.9x18.9			Total Height	2981
b	CO2 Inlet	38.1	1.5	Clamp		Minimum Height	2843
c1	Outlet	152.4	6	Clamp		Total Diameter	1960
c2	Drain Outlet	50.8	2	Clamp	2 Clamps, includes reducer to 1.5"	Tank Diameter	1760
c3	Beer Outlet	38.1	1.5	Clamp	2 Clamps	Ceiling Clearance	2938
d	Pressure Gauge	38.1	1.5	Clamp		Shipping Clearance	
e	Thermocouple Port		NPT ½"	Female Threaded			
f	Temp Gauge	38.1	1.5	Clamp		Gasket Count	
g	Sample Valve	38.1	1.5	Clamp		1.5"	11
h1-3	CIP Assembly Clamps	38.1	1.5	Clamp	3 clamps	2"	3
h4	CIP Converter Clamp	101.6	4	Clamp		4"	1
h5	CIP Spray Ball	38.1	1.5	Clamp		6"	1
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 1"	Female Threaded		kg	lbs
m3-4	Glycol Out		NPT 1"	Female Threaded		Weight	745
							1642.5



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	NAME	DATE
DRAWN	MJM	8/4/2022
CHECKED	MWM	9/8/2022
ENG APPR.		
MFG APPR.		

COMMENTS:

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SIZE	TITLE:	REV
A	030BBT0A	A
SCALE: 1:20		SHEET 1 OF 1