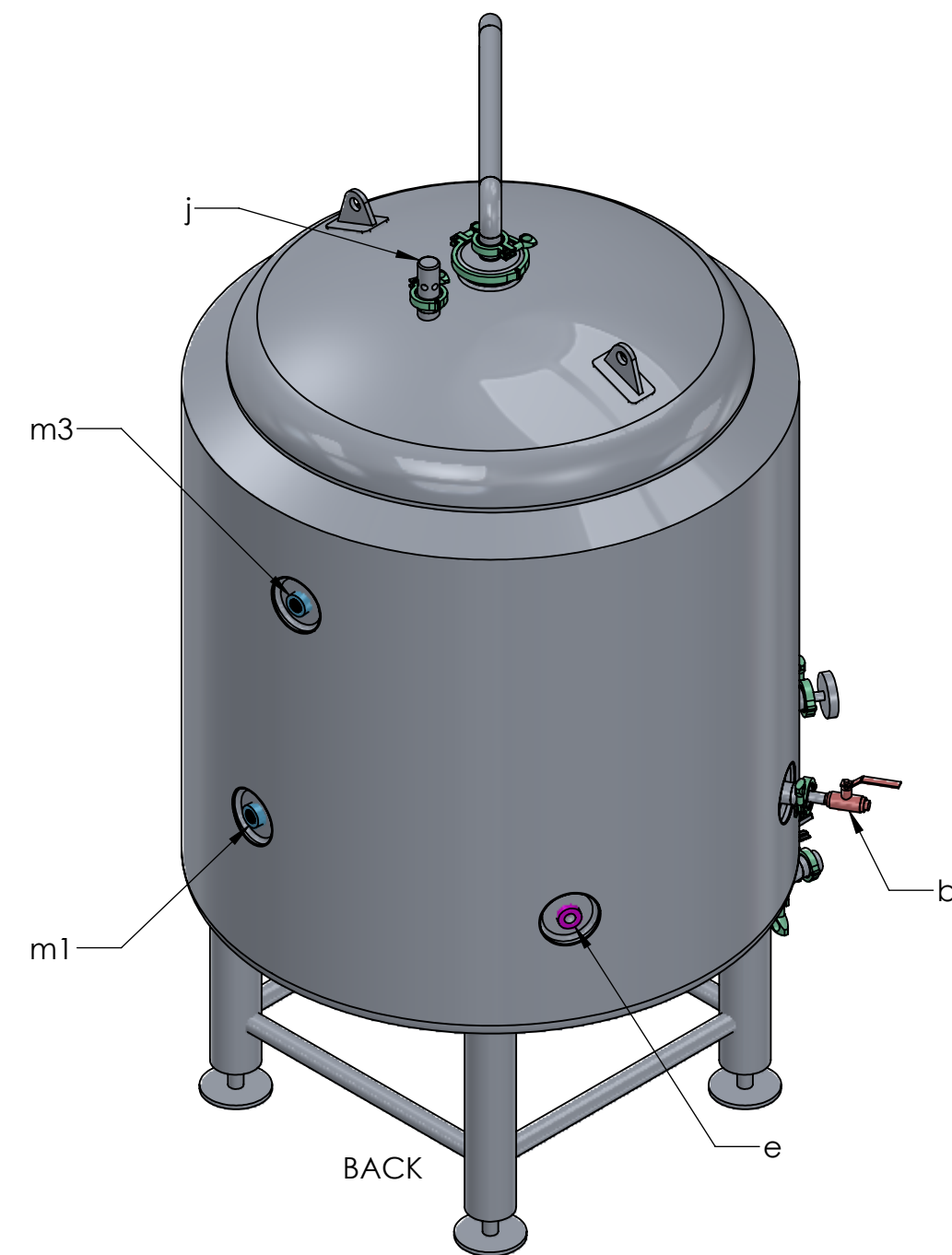
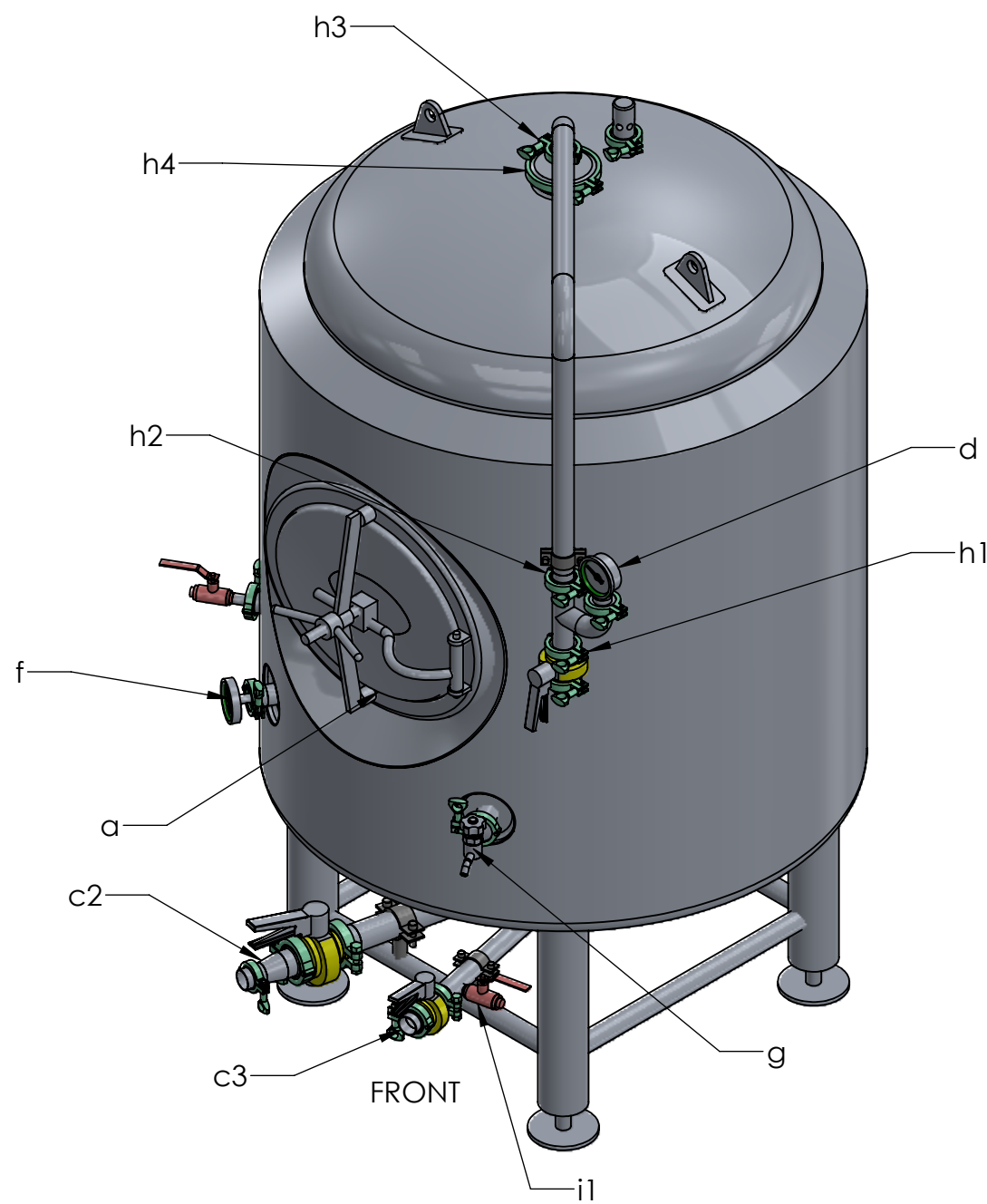


Design Data Sheet								
Design Parameters (Metric)			Design Parameters (US Standard)					
	Vessel	Jacket		Vessel	Jacket			
Working Pressure (MPa)	0.1	0.1	Working Pressure (psi)	14.5	14.5			
Design Pressure (MPa)	0.2	0.4	Design Pressure (psi)	29	58			
Working Temp (°C)	-5 - 40		Working Temp (°F)	23 - 104				
Design Temp (°C)	-10 - 50		Design Temp (°F)	14 - 122				
Material	304		Material	304				
Gross Voume (gal)	189.1 (6.1BBL)		Gross Voume (gal)	189.1 (6.1BBL)				
Net Volume (gal)	155 (5BBL)	6	Net Volume (gal)	155 (5BBL)	6			
Head Space	22%		Head Space	22%				
Saftey Valve Act Pressure (MPa)	0.1		Saftey Valve Act Pressure (psi)	14.5				
Heat Exchange Area (m²)	1.9		Heat Exchange Area (ft²)	20.5				
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	490x390	19.3x15.4			Total Height	1884	74.2
b	CO2 Inlet	38.1	1.5	Clamp		Minimum Height	1750	68.8
c1	Outlet	152.4	6	Clamp		Total Diameter	1262	49.7
c2	Drain Outlet	50.8	2	Clamp	2 Clamps, includes reducer to 1.5"	Tank Diameter	1064	41.9
c3	Beer Outlet	38.1	1.5	Clamp	2 Clamps	Shipping Clearance		
d	Pressure Gauge	38.1	1.5	Clamp				
e	Thermocouple Port		NPT ½"	Female Threaded		Gasket Count		
f	Temp Gauge	38.1	1.5	Clamp		1.5"	11	
g	Sample Valve	38.1	1.5	Clamp		2"	3	
h1-3	CIP Assembly Clamps	38.1	1.5	Clamp	3 clamps	4"	1	
h4	CIP Converter Clamp	101.6	4	Clamp		6"	1	
h5	CIP Spray Ball	38.1	1.5	Clamp				
i1-2	Level Ports	19	¾"	Clamp	3 Clamps. Hose runs between ports (not included)		kg	lbs
j	Safety Valve	50.8	2	Clamp		Weight	290	639.4
m1-2	Glycol In		NPT ¾"	Female Threaded				
m3-4	Gycol Out		NPT ¾"	Female Threaded				




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DRAWN	MJM	8/2/2022
CHECKED	MWM	9/8/2022
ENG APPR.		
MFG APPR.		

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TITLE:
005BBT0A

SCALE: 1:12

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SHEET 1 OF 1