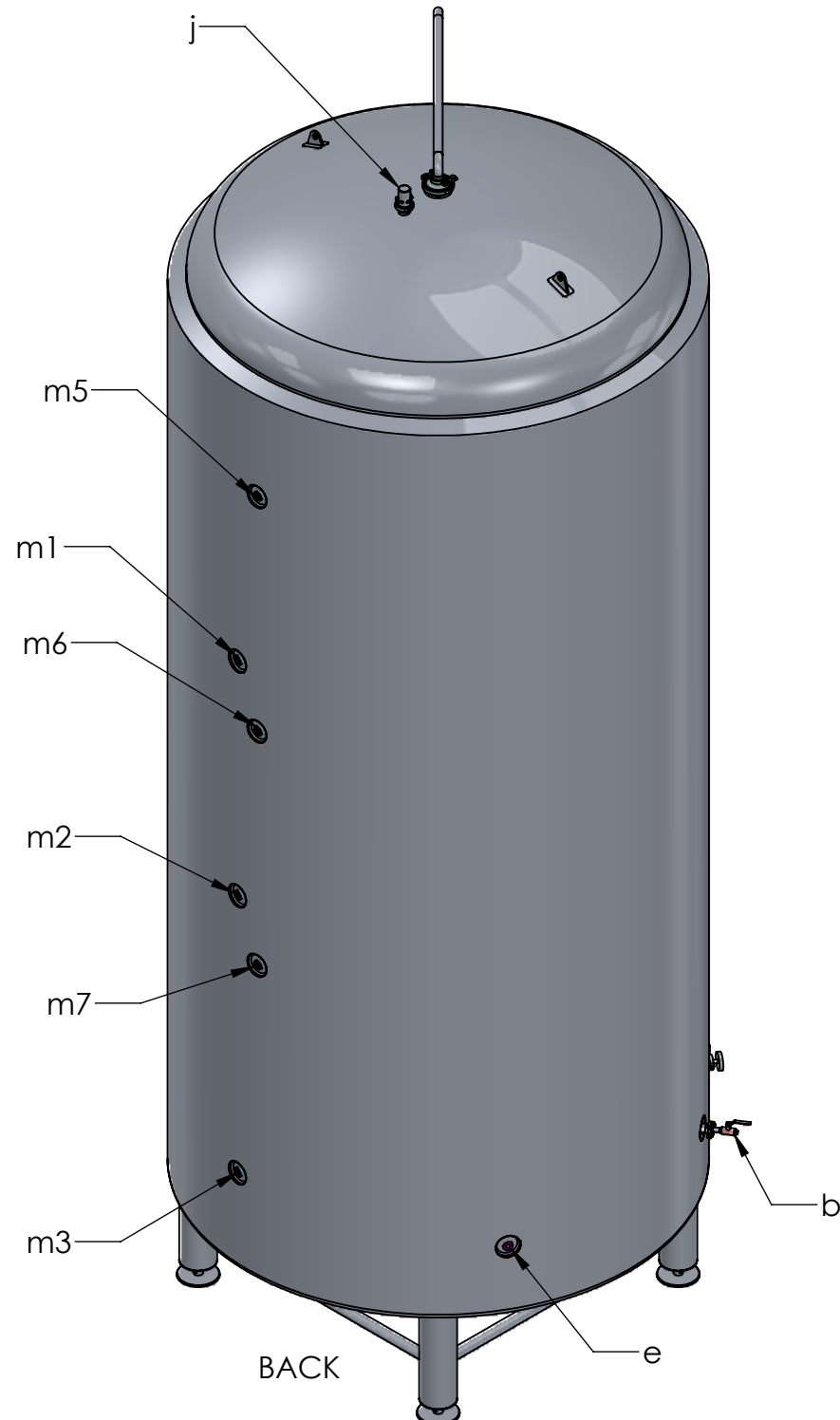
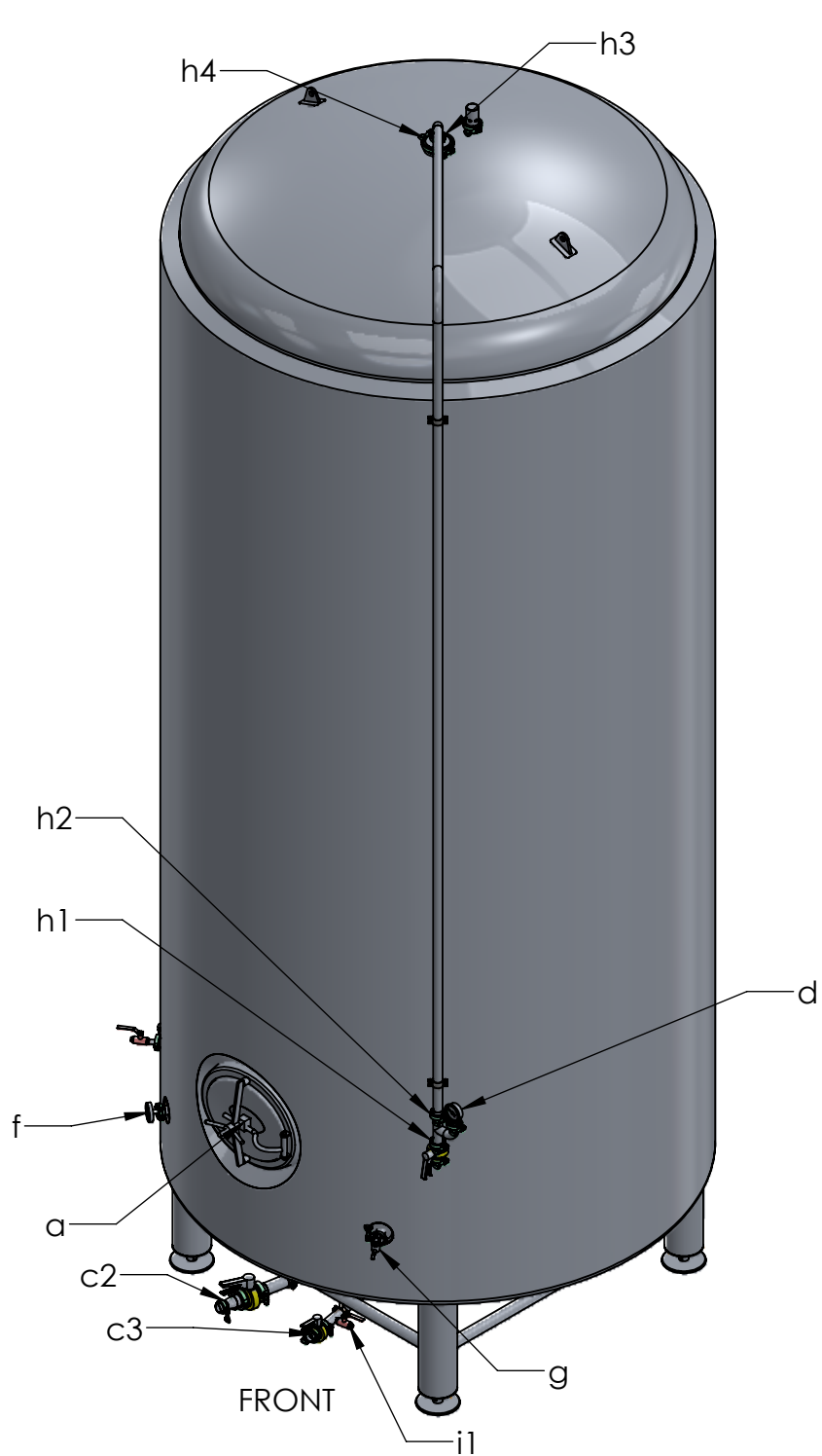


SECTION A-A
SCALE 1 : 20

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)	4433 (143BBL)		Gross Voume (gal)	4433 (143BBL)					
Net Volume (gal)	3720 (120BL)	62	Net Volume (gal)	3720 (120BL)	62				
Head Space	19%		Head Space	19%					
Saftey Valve Act Pressure (MPa)	0.1		Saftey Valve Act Pressure (psi)	14.5					
Heat Exchange Area (m²)	22		Heat Exchange Area (ft²)	236.8					
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	5710	224.8
b	CO2 Inlet	38.1	1.5	Clamp			Minimum Height	5573	219.2
c1	Outlet	152.4	6	Clamp	2 Clamps, includes reducer to 1.5"		Total Diameter	2467	97.2
c2	Drain Outlet	50.8	2	Clamp			Tank Diameter	2264	89.2
c3	Beer Outlet	38.1	1.5	Clamp	2 Clamps		Shipping Clearance	5619	221.3
d	Pressure Gauge	38.1	1.5	Clamp					
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				kg	lbs
m1-4	Glycol In		NPT 1"	Female Threaded			Weight	2200	4850.2
m5-8	Glycol Out		NPT 1"	Female Threaded					



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

COMMENTS:

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SIZE

TITLE:

REV

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120BBT0A

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SCALE: 1:30

SHEET 1 OF 1