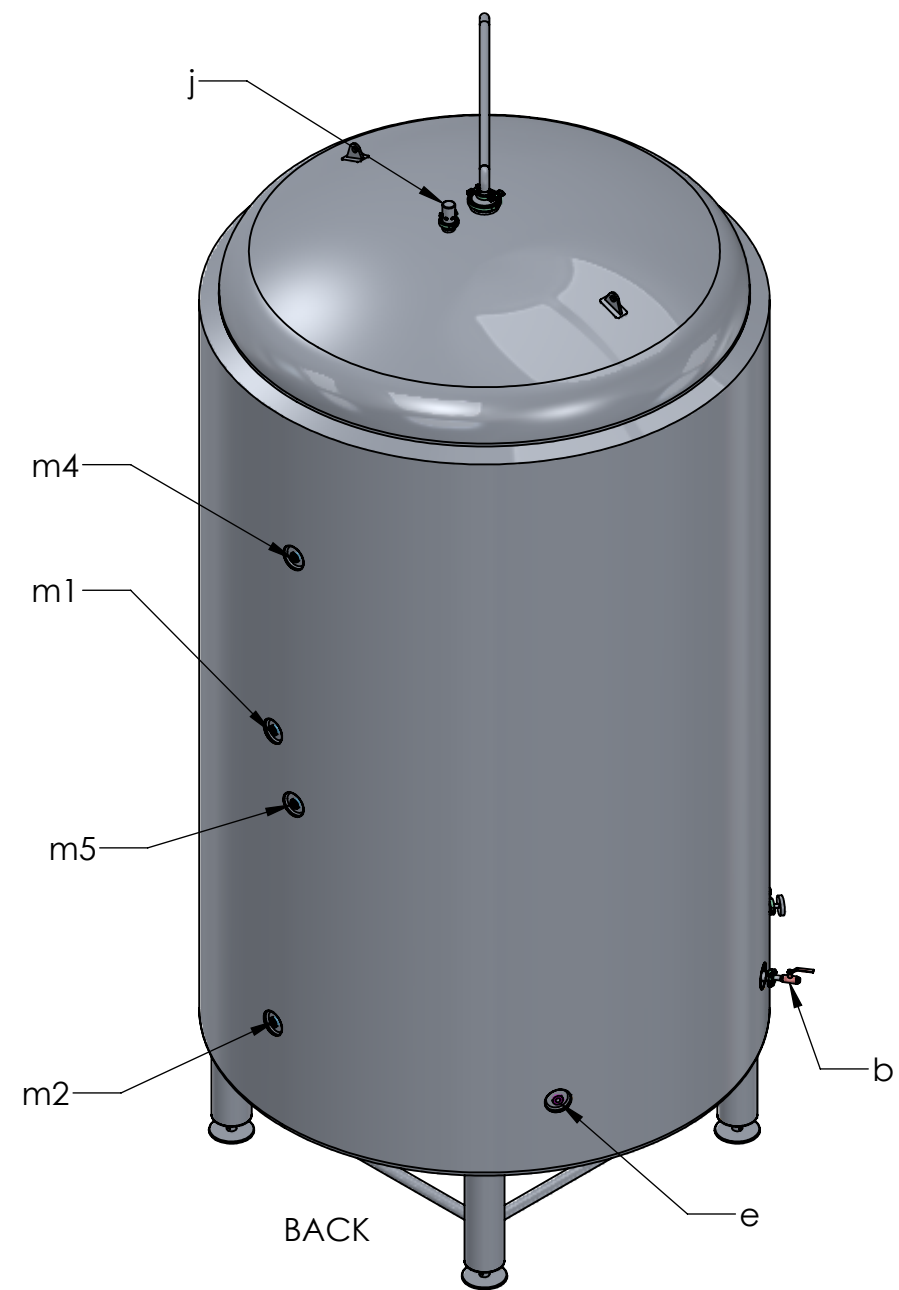
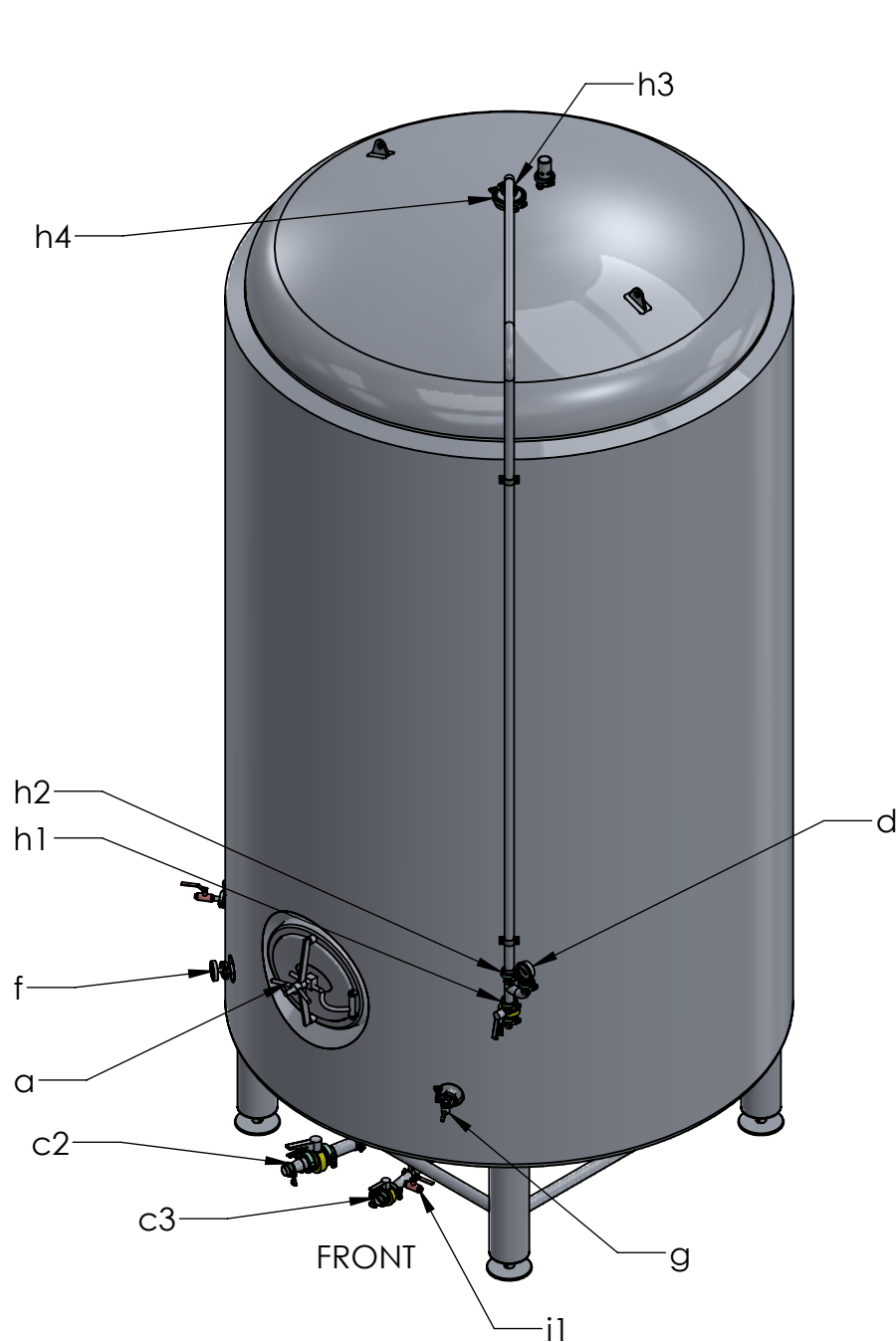


SECTION A-A
SCALE 1 : 16

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)	3410 (110BBL)		Gross Voume (gal)	3410 (110BBL)	
Net Volume (gal)	2790 (90BBL)	44	Net Volume (gal)	2790 (90BBL)	44
Head Space	22%		Head Space	22%	
Saftey Valve Act Pressure (MPa)	0.1		Saftey Valve Act Pressure (psi)	14.5	
Heat Exchange Area (m²)	17.2		Heat Exchange Area (ft²)	304.7	
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	4650	183.1
b	CO2 Inlet	38.1	1.5	Clamp		Minimum Height	4513	117.7
c1	Outlet	152.4	6	Clamp		Total Diameter	2467	97.2
c2	Drain Outlet	50.8	2	Clamp	2 Clamps, includes reducer to 1.5"	Tank Diameter	2264	89.2
c3	Beer Outlet	38.1	1.5	Clamp	2 Clamps	Shipping Clearance	4589	180.6
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
m1-3	Glycol In		NPT 1"	Female Threaded		Weight	1640	3615.6
m4-6	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
A	090BBT0A	A
SCALE: 1:30		SHEET 1 OF 1