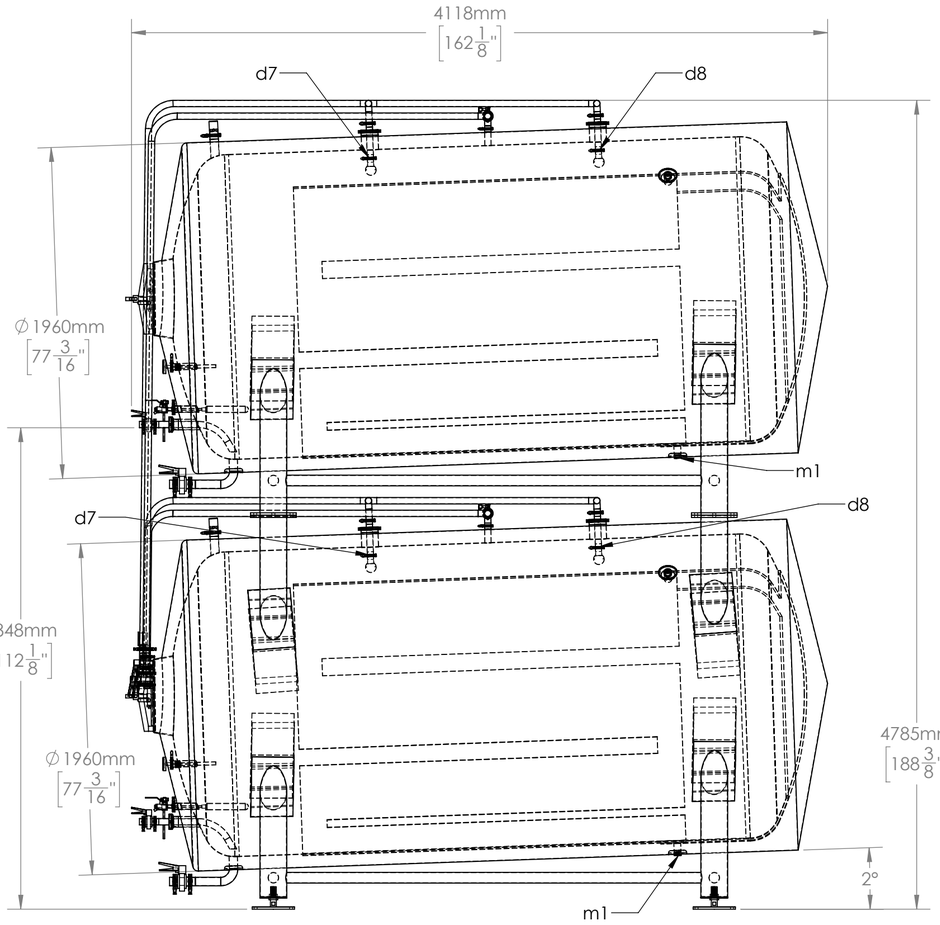

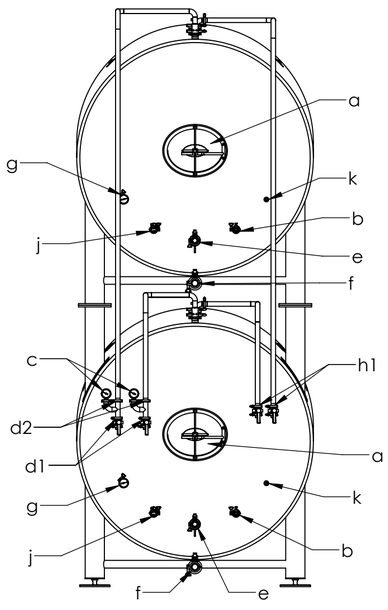

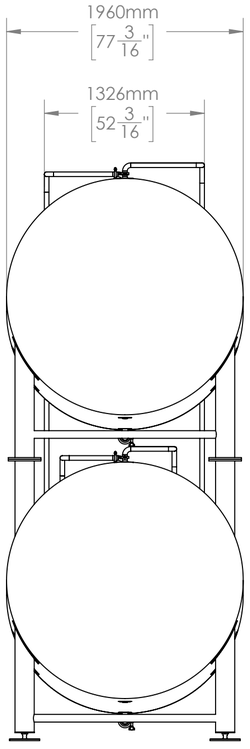

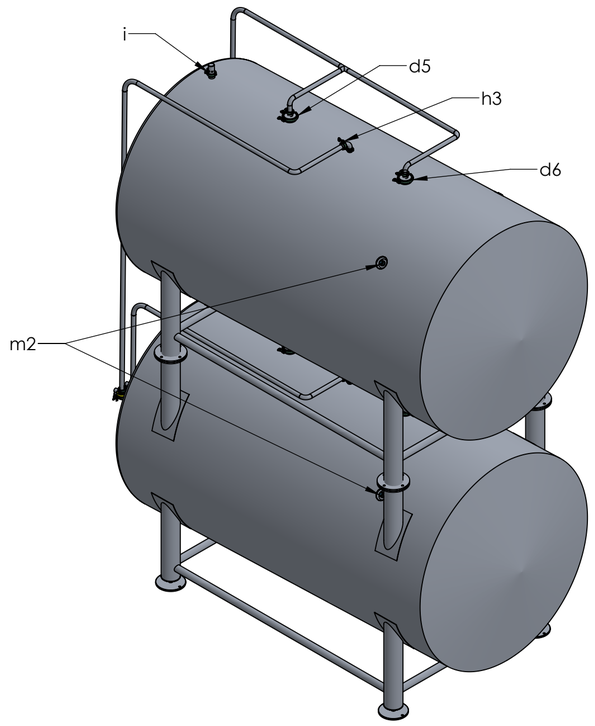

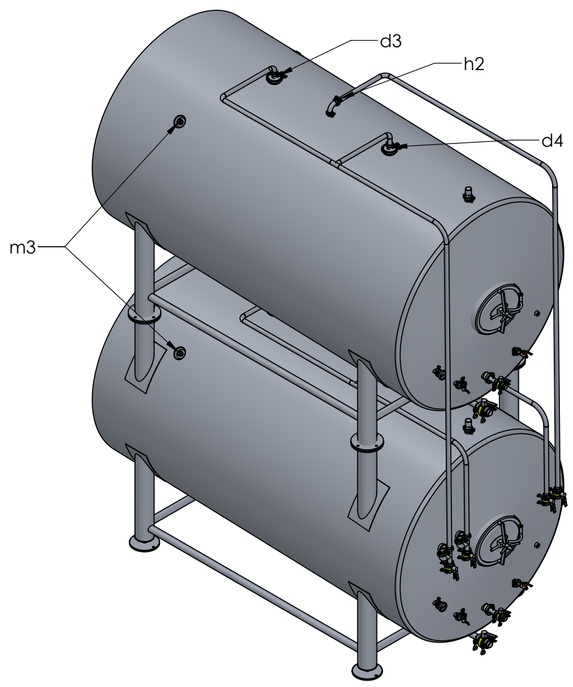

Design Data Sheet					
Design Parameters (Metric)			Design Parameters (US Standard)		
	Vessel	Jacket		Vessel	Jacket
Working Pressure (MPa)	0.1	0.1	Working Pressure (psi)	14.5	14.5
Design Pressure (MPa)	0.2	0.4	Design Pressure (psi)	29	58
Working Temp (°C)	-5 - 40		Working Temp (°F)	23 - 104	
Design Temp (°C)	-10 - 50		Design Temp (°F)	14 - 122	
	Beer	Glycol		Beer	Glycol
Material	304	304	Material	304	304
Gross Voume (gal)	2362.2 (76.2BBL)		Gross Voume (gal)	2362.2 (76.2BBL)	
Net Volume (gal)	1860 (60BBL)		Net Volume (gal)	1860 (60BBL)	
Saftey Valve Act Pressure (MPa)	0.1		Saftey Valve Act Pressure (psi)	14.5	
Heat Exchange Area (m^2)	2.5		Heat Exchange Area (ft^2)	26.9	
Insulation Material	PU		Insulation Material	PU	
Insulation Thickness (mm)	80		Insulation Thickness (in)	3.2	
Pressure Test (MPa)	0.2	0.6	Pressure Test (psi)	29	87

Dimensions								
	Name	Connect Size (mm)	Connect Size (in)	Connect Type	Comments		(mm)	(in)
a	Manhole	580x480	22.9x18.9			Total Height	4785	188.4
b	CO2 Inlet	38.1	1.5	Clamp		Total Length	4118	162.1
c	Pressure Gauge	38.1	1.5	Clamp		Tank Diameter	1960	77.2
d1-4	CIP Assembly Clamp	38.1	1.5	Clamp	4 clamps	Shipping Clearance		
d5-6	CIP Converter Clamp	101.6	4	Clamp	2 clamps			
d7-8	CIP Spray Ball Clamp	38.1	1.5	Clamp	2 clamps	Gasket Count		
e	Beer Out	38.1	1.5	Clamp	2 clamps	1.5"	32	
f	Yeast Out	50.8	2	Clamp	Includes reducer to 1.5"	2"	4	
g	Temp Gauge	38.1	1.5	Clamp		4"	4	
h1-3	Overflow	38.1	1.5	Clamp	3 clamps			
i	Safe Valve	50.8	2	Clamp			kg	lbs
j	Sample Valve	38.1	1.5	Clamp		Weight	3480	7672.1
k	Thermocouple Port		NPT ½"	Female Threaded				
m1	Glycol In		NPT ¾"	Female Threaded				
m2-3	Glycol Out		NPT ¾"	Female Threaded				

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	NAME	DATE
DRAWN	Lewis Humphrey	6/24/2021
CHECKED		
ENG APPR.		
MFG APPR.		
COMMENTS:		

ABS COMMERCIAL

SIZE A | TITLE: 60BBL STACKED HORIZONTA | REV

SCALE: 1:35 | SHEET 1 OF 1