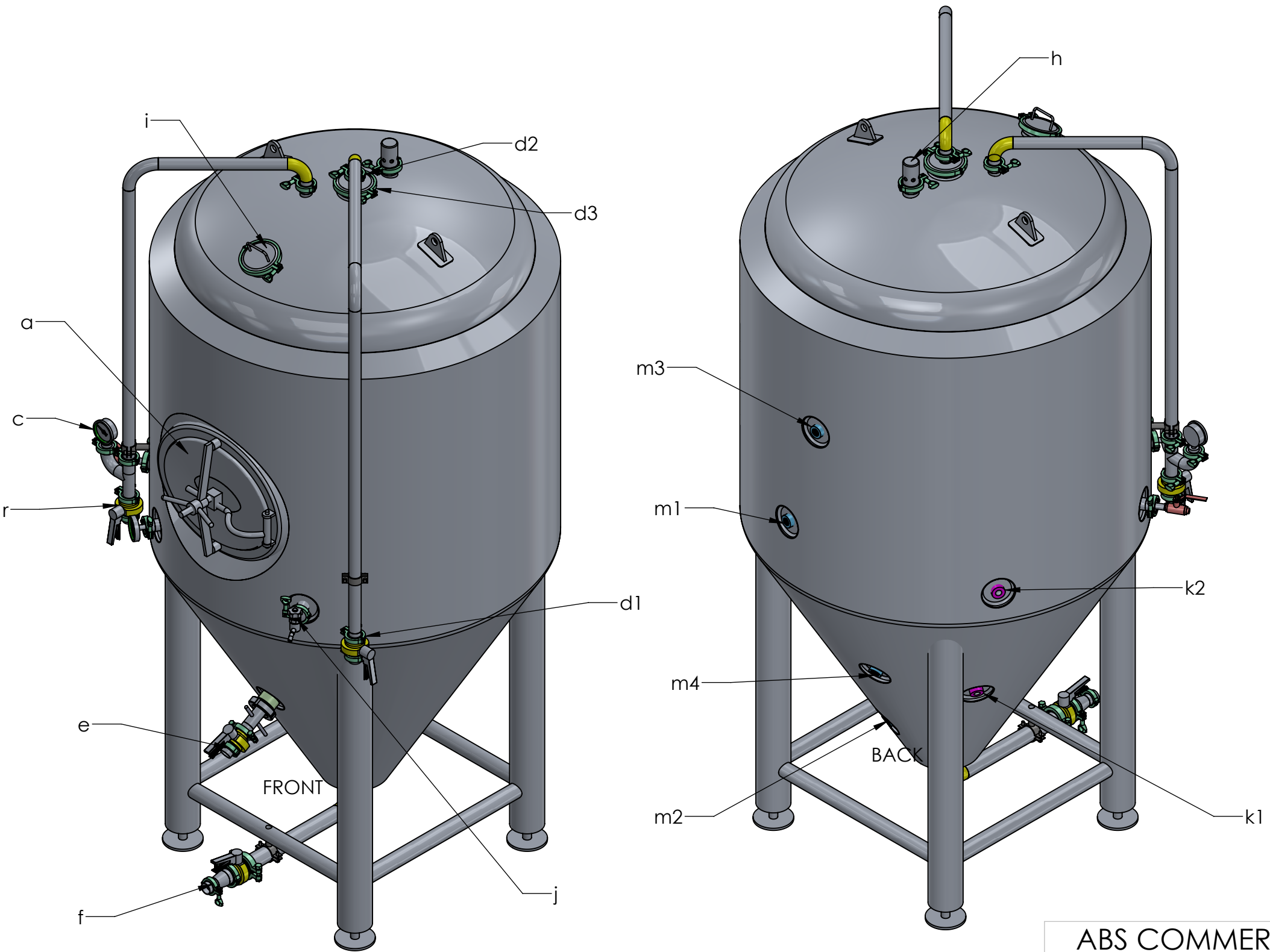


Design Data Sheet					
Design Parameters (Metric)			Design Parameters (US Standard)		
Working Pressure (MPa)	Vessel 0.1	Jacket 0.1	Working Pressure (psi)	Vessel 14.5	Jacket 14.5
Design Pressure (MPa)	0.2	0.4	Design Pressure (psi)	29	58
Working Temp (°C)	-5 - 40		Working Temp (°F)	23 - 104	
Design Temp (°C)	-10 - 50		Design Temp (°F)	14 - 122	
Material	Beer 304	Glycol 304	Material	Beer 304	Glycol 304
Gross Voume (gal)	372 (12BBL)		Gross Voume (gal)	372 (12BBL)	
Net Volume (gal)	310 (10BBL)	8	Net Volume (gal)	310 (10BBL)	8
Saftey Valve Act Pressure (MPa)	0.1		Saftey Valve Act Pressure (psi)	14.5	
Heat Exchange Area (m²)	3.2 PU		Heat Exchange Area (ft²)	33.9 PU	
Insulation Material			Insulation Thickness (in)	3.2	
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		
a	Manhole	580x480	22.9x18.9			Total Height	(mm) 2603
b	CO2 Inlet	38.1	1.5	Clamp		Minimum Height	(in) 102.5
c	Pressure Gauge	38.1	1.5	Clamp		Total Diameter	2461
d1-2	CIP Assembly Clamp	38.1	1.5	Clamp	2 clamps	Tank Diameter	1463
d3	CIP Converter Clamp	101.6	4	Clamp		Shipping Clearance	1264
d4	CIP Spray Ball Clamp	38.1	1.5	Clamp			49.8
e	Beer Out	38.1	1.5	Clamp	2 clamps	Gasket Count	
f	Yeast Out	50.8	2	Clamp	3 clamps, includes reducer to 1.5"	1.5"	14
g	Temp Gauge	38.1	1.5	Clamp		2"	4
h	Safe Valve	50.8	2	Clamp		4"	2
i	Hop Port	101.6	4	Clamp			
j	Sample Valve	38.1	1.5	Clamp			
k1-2	Thermocouple Port		NPT ½"	Female Threaded		Weight	kg 400
r	Overflow	38.1	1.5	Clamp	3 clamps		lbs 881.9
m1-2	Glycol In		NPT ¾"	Female Threaded			
m3-4	Glycol Out		NPT ¾"	Female Threaded			



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	NAME	DATE
DRAWN	Lewis Humphrey	9/17/2021
CHECKED		
ENG APPR.		
MFG APPR.		

COMMENTS:

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SIZE	TITLE:	REV
A	10BBL FER	2
SCALE: 1:14		SHEET 1 OF 1