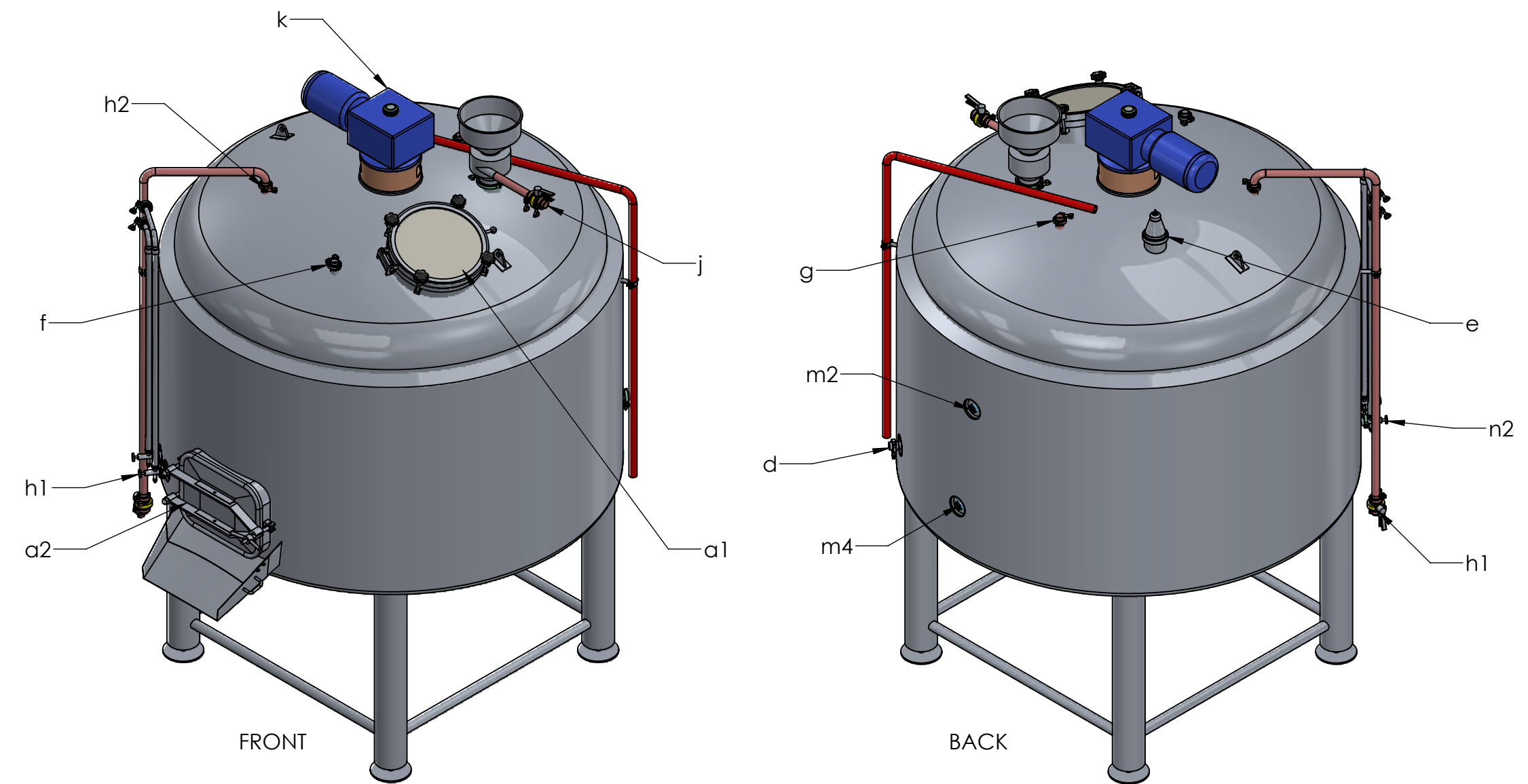


Design Parameters (Metric)			Design Parameters (US Standard)				
Working Pressure (MPa)	Vessel	ATM	Jacket	0.1	Working Pressure (psi)	ATM	14.5
Design Pressure (MPa)		ATM		0.4	Design Pressure (psi)		58
Working Temp (°C)		-5 - 110			Working Temp (°F)		23 - 230
Design Temp (°C)		-10 - 110			Design Temp (°F)		14 - 230
Material	Beer	304	Steam	304	Material	Beer	304
Gross Voume (gal)		1364 (44BBL)			Gross Voume (gal)		1364 (44BBL)
Net Volume (gal)		930 (30BBL)			Net Volume (gal)		930 (30BBL)
Head Space		32%			Head Space		32%
Heat Exchange Area (m²)		7.3			Heat Exchange Area (ft²)		78.6
Insulation Material		PU			Insulation Material		PU
Insulation Thickness (mm)		80			Insulation Thickness (in)		3.2
Pressure Test (MPa)				0.4	Pressure Test (psi)		58

Component Specifications						Dimensions		
Name	Connect Size (mm)	Connect Size (in)	Connect Type	Comments		(mm)	(in)	
a1 Manhole	400	15.8			Total Height	3245	127.8	
a2 Grain Out Manhole	535x415	21x16.3			Total Diameter	2581	101.6	
b Grist Hydrator	101.6	4	Clamp		Tank Diameter	2264	89.1	
c Wort Outlet	50.8	2	Clamp		Ceiling Clearance	3323	130.8	
d Thermocouple Port	NPT ½"	NPT ½"	Clamp					
e Light	DN80/114	DN80/114	Threaded					
f Vorlauf Inlet	38.1	1.5	Clamp	2 clamps	Gasket Count			
g Sparge Inlet	38.1	1.5	Clamp		1.5"	12		
h1-2 CIP Assembly Clamps	38.1	1.5	Clamp	2 clamps	2"	2		
h3-4 CIP Spray Ball	38.1	1.5	Clamp	2 clamps	4"	1		
h5 Bottom CIP	38.1	1.5	Clamp					
m1-2 Steam In		NPT 1"	Female Threaded			kg	lbs	
m3-4 Steam Out		NPT ¾"	Female Threaded		Weight	1280	2822	
i Drain Outlet	50.8	2	Clamp					
j Water Inlet	38.1	1.5	Clamp					
k Motor			Flange					
n1-2 Level Port	38.1	1.5	Clamp	4 clamps				



PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ABS COMMERCIAL. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF ABS COMMERCIAL IS PROHIBITED.

	NAME	DATE
DRAWN	MJM	8/22/2022
CHECKED	MWM	9/8/2022
ENG APPR.		
MFG APPR.		

COMMENTS:

ABS COMMERCIAL

SIZE: A TITLE: 030MLTOA REV: A

SCALE: 1:25 SHEET 1 OF 1