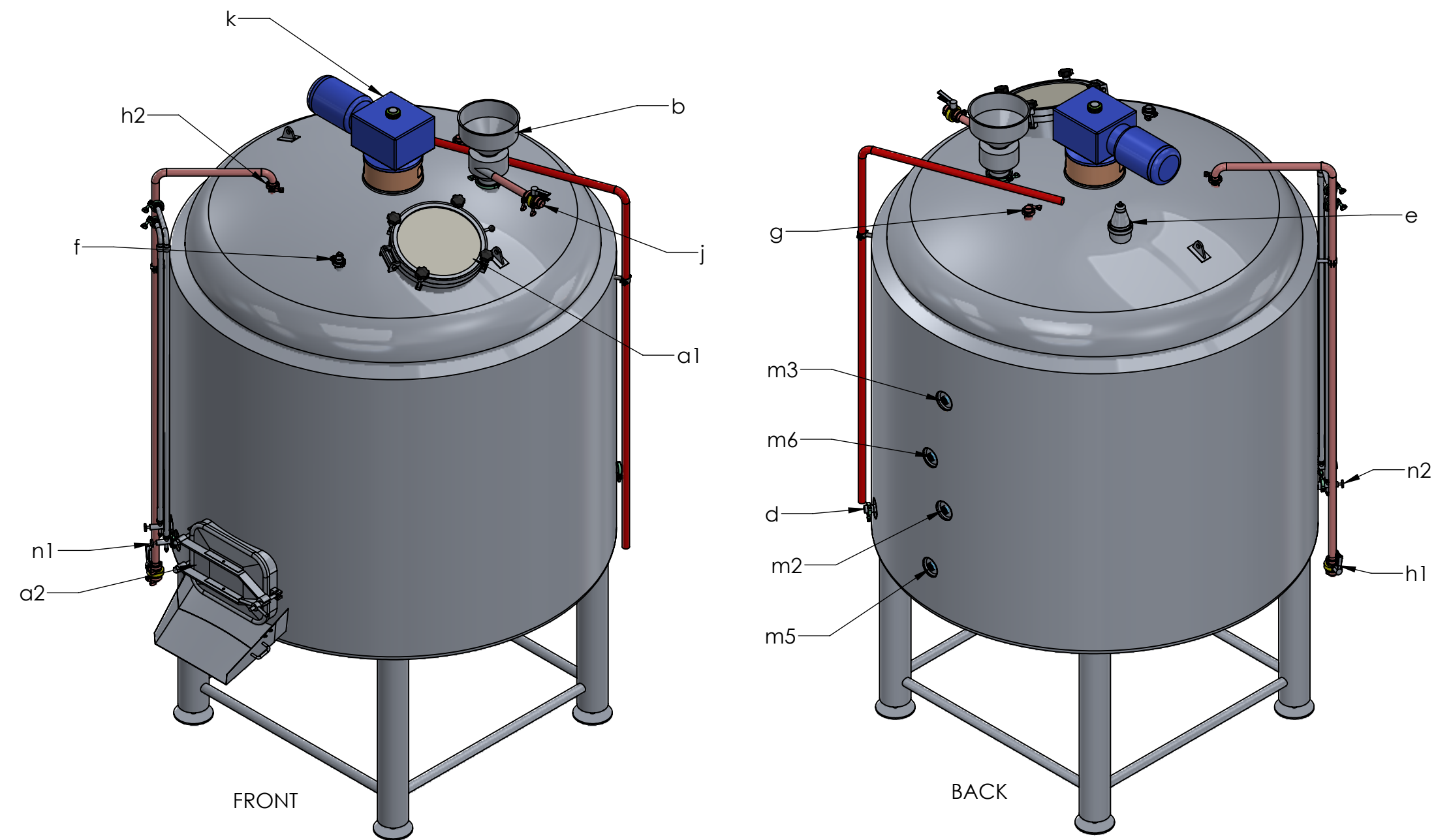


Design Data Sheet					
Design Parameters (Metric)			Design Parameters (US Standard)		
Working Pressure (MPa)	Vessel: ATM	Jacket: 0.1	Working Pressure (psi)	Vessel: ATM	Jacket: 14.5
Design Pressure (MPa)	ATM	0.4	Design Pressure (psi)	ATM	58
Working Temp (°C)	-5 - 110		Working Temp (°F)	23 - 230	
Design Temp (°C)	-10 - 110		Design Temp (°F)	14 - 230	
Material	Beer: 304	Steam: 304	Material	Beer: 304	Steam: 304
Gross Volume (gal)	1860 (60BBL)		Gross Volume (gal)	1860 (60BBL)	
Net Volume (gal)	1240 (40BBL)		Net Volume (gal)	1240 (40BBL)	
Head Space	33%		Head Space	33%	
Heat Exchange Area (m²)	9.1		Heat Exchange Area (ft²)	98	
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					
Name	Connect Size (mm)	Connect Size (in)	Connect Type	Comments	Dimensions (mm) (in)
a1 Manhole	400	15.8			Total Height 3745 147.4
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 3809 149.9
d Thermocouple Port	NPT 1/2"	NPT 1/2"	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		
m1-3 Steam In		NPT 1"	Female Threaded		Weight
m4-6 Steam Out		NPT 3/4"	Female Threaded		kg 1470
i Drain Outlet	50.8	2	Clamp		lbs 3241
j Water Inlet	38.1	1.5	Clamp		
k Motor			Flange		
n1-2 Level Port	38.1	1.5	Clamp	4 clamps	



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	NAME	DATE
DRAWN	MJM	8/24/2022
CHECKED	MWM	9/8/2022
ENG APPR.		
MFG APPR.		

COMMENTS:

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SIZE: A TITLE: 040MLTOA REV: A
 SCALE: 1:25 SHEET 1 OF 1