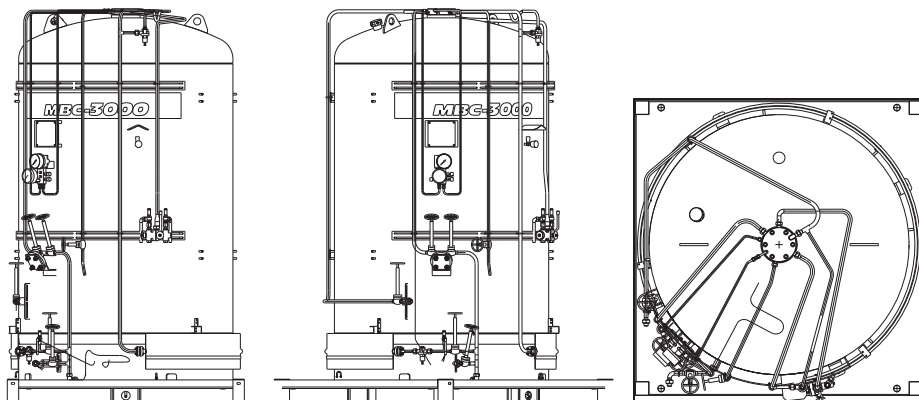


Auguste Cryogenics microbulk product lines

Technical data

Specification Standard Pressures (MAWP): 8.0 – 18.5 – 22.0 – 24.0 – 37.0 bar



microbulk Product Lines | General Specifications

Outer vessel	Stainless steel
Inner vessel	Stainless steel
Insulation and vacuum	Multilayer Super Insulation AC Gold Standard vacuum w / 5 years warranty
Cleaning	For oxygen service
Pressure range	Standard MAWP 8.0** – 18.5 – 24.0 – 37.0 bar (** = 8.0 bar on TCC line only)
Features	• Sturdily built for heavy duty use • Steel ring for additional protection of piping • TCC models TPED approved • Optional features and components available on request

MBC Line, 18.5 bar		MBC 750/22.0	MBC 1000/22.0	MBC 1500/18.5	MBC 2000/18.5	MBC 2500/18.5	MBC 3000/18.5	MBC 5000/18.5
Volume*	Gross	793	1001	1533	2076	2579	2954	5179
	Net (95%)	753	951	1456	1973	2451	2806	4920
Average loss rate/day (O ₂ %/Day)		1.55	0.66	0.52	0.4	0.36	0.32	0.20
Auto Pressure building		yes	yes	yes	yes	yes	yes	yes
Dimensions (mm)	Height	1860	2190	2300	2800	2650	2900	2750
	Diameter	1100	1100	1300	1300	1500	1500	2200
	Pallet size	1280 x 1280	1280 x 1280	1460 x 1500	1460 x 1500	1660 x 1700	1660 x 1700	2250 x 2500
Weight** (kg)	Empty	920	1005	1310	1530	1890	1920	3390
	full (N ₂)	1528	1773	2486	3124	3870	4187	7365

MBC Line, 37 bar		MBC 750/37	MBC 1000/37	MBC 1500/37	MBC 2000/37	MBC 2500/37	MBC 3000/37	MBC 5000/37
Volume*	Gross	781	986	1511	2047	25403	2912	5102
	Net (95%)	742	937	1436	1945	2415	2766	4847
Average loss rate/day (O ₂ %/Day)		1.50	1.49	0.89	0.65	0.62	0.60	0.58
Auto Pressure building		yes	yes	yes	yes	yes	yes	yes
Dimensions (mm)	Height	1860	2190	2300	2800	2650	2900	2750
	Diameter	1100	1100	1300	1300	1500	1500	2200
	Pallet size	1280 x 1280	1280 x 1280	1460 x 1500	1460 x 1500	1660 x 1700	1660x 1700	2250 x 2500
Weight** (kg)	Empty	970	1055	1400	1630	2020	2170	4020
	full (N ₂)	1578	1823	2576	3224	4000	4437	7995

* Volumes can deviate as consequence of the cold stretching process.

** Weight includes a standard pallette. Weight parameter is teoretical/calculated and is a subject of design modifications.

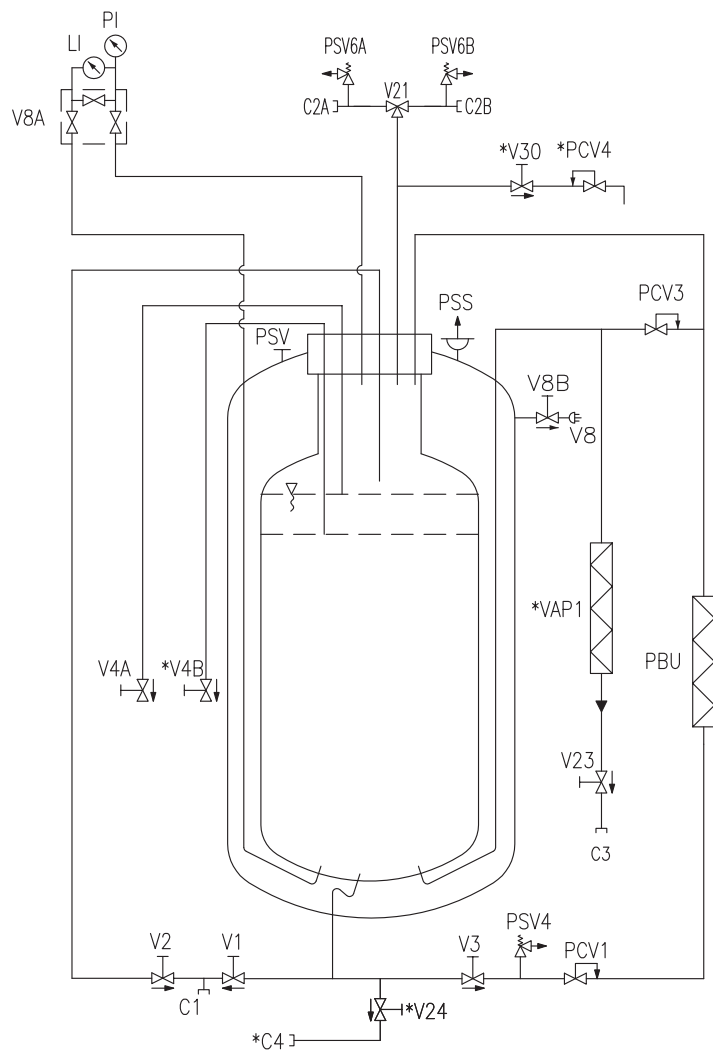
TCC - 750 series		TCC - 750/8	TCC - 750/24	TCC - 750/37
Volume*	Gross	810	810	800
	Net (95%)	770	770	760
Average loss rate/day (O ₂ %/Day)		1.55	1.55	1.51
Gas withdrawal rate (m ³ /hr)		30	30	30
Auto Pressure building		yes	yes	yes
Dimensions (mm)	Height	2000	2000	2000
	Diameter	1100	1100	1100
	Pallet size	1300 x 1500	1300 x 1500	1300 x 1500
Weight** (kg)	Empty	800	840	940
	full (N ₂)	1450	1490	1590

TCC - 1000 series		TCC - 1000/8	TCC - 1000/24	TCC - 1000/37
Volume*	Gross	990	990	980
	Net (95%)	950	940	930
Average loss rate/day (O ₂ %/Day)		1.50	1.50	1.49
Gas withdrawal rate (m ³ /hr)		30	30	30
Auto Pressure building		yes	yes	yes
Dimensions (mm)	Height	2220	2220	2220
	Diameter	1100	1100	1100
	Pallet size	1300 x 1500	1300 x 1500	1300 x 1500
Weight** (kg)	Empty	880	920	1040
	full (N ₂)	1680	1720	1830



Auguste Cryogenics

MBC/TCC tank lines | P&ID



CONTACTS

www.augustecryogenics.com

We can provide you with a solution for every aspect of your cryogenic liquefied gas storage needs - please do not hesitate to contact the specialists in our sales teams.

*options

Item	Description	Details
C1	Inlet Connection	DN25
C2A/B	Check Connection	NPT 1/4"
C3	Gas Outlet Connection	
*C4	Liquid Withdrawal Connection	NPT 1/2"
P1	Pressure Gauge	
L1	Liquid Level Gauge	
V1	Bottom Fill	DN25
V2	Top Fill	DN25
V3	PBU - valve	
V4A	Trycock	DN15
*V4B	2nd Trycock	DN15
V8	Vacuum probe valve	DN6
V8A	DP Gauge manifold	
V8B	Vacuum probe	
V21	Diverter	
V23	Gas Withdrawal	DN15
*V24	Liquid Withdraval	DN15
*V30	Shut-off valve for process protection	DN15
PBU	Pressure Building Coil	
PCV1	PBU Regulator	
PCV3	Regulator - Economiser	
*PCV4	Pressure red. regulator for process protection	
PSV6A/B	Safety Relief Valve	1/2"
PSS/PSV	Safety Disc/Evacuation port	2"
PSV4	Thermal Relief Valve	1/4"
*VAP1	Vaporiser	

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