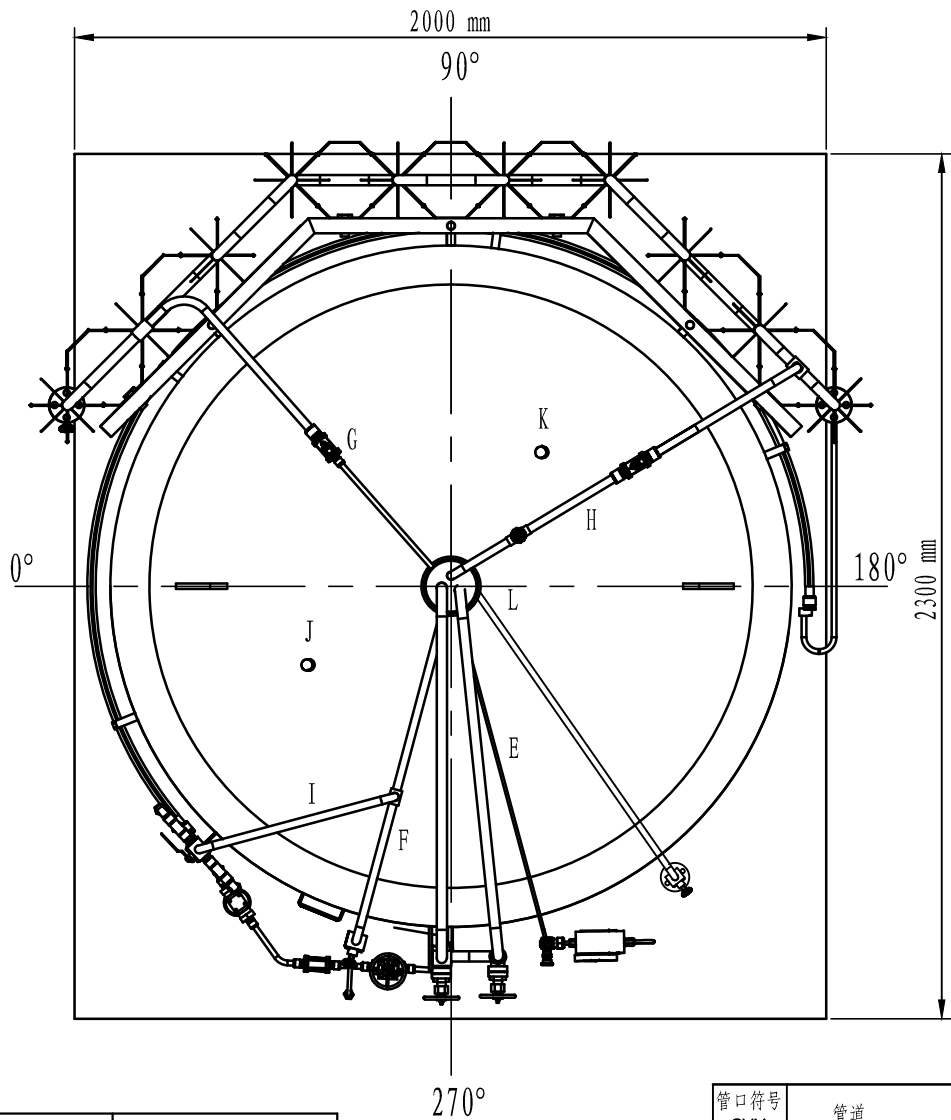
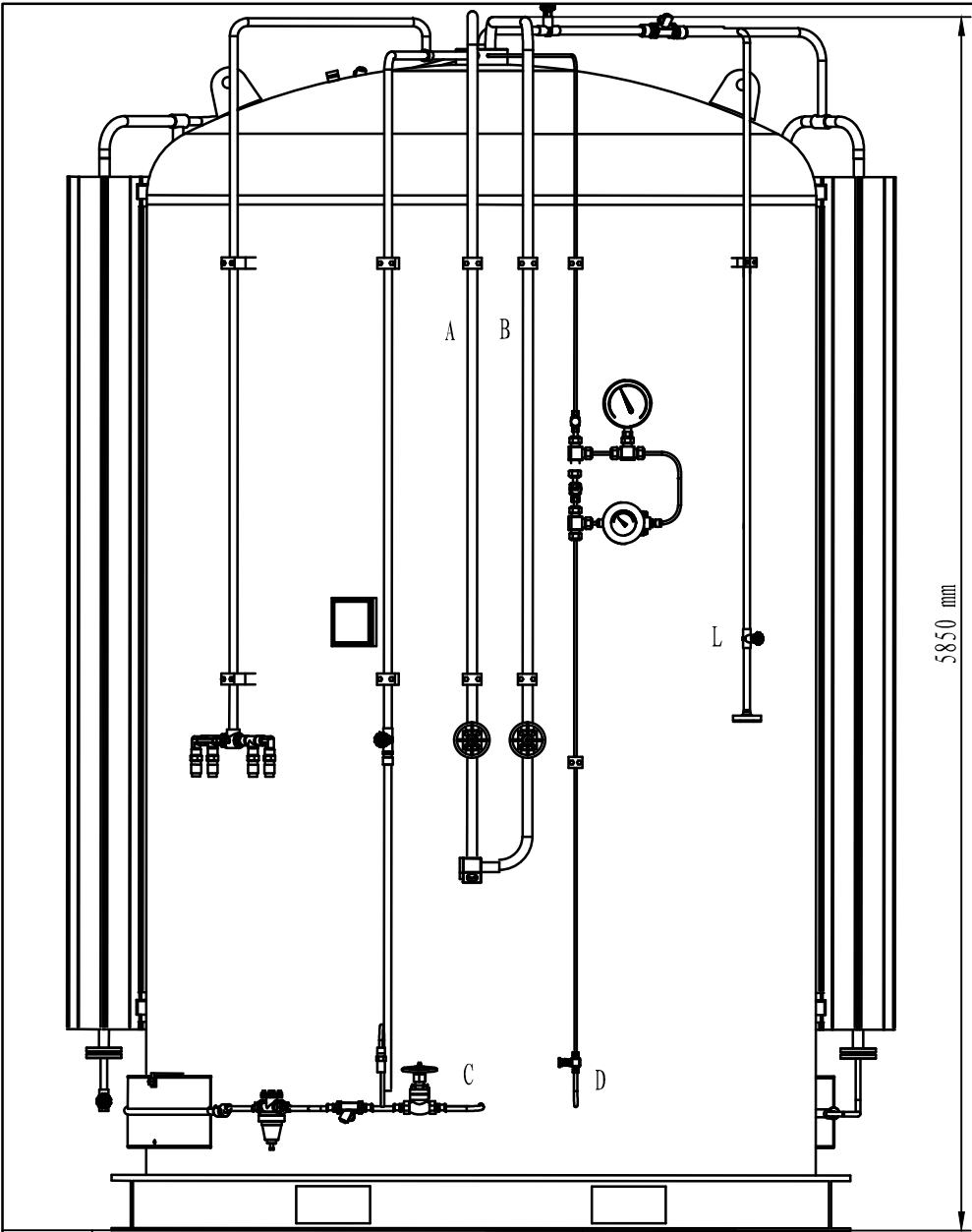
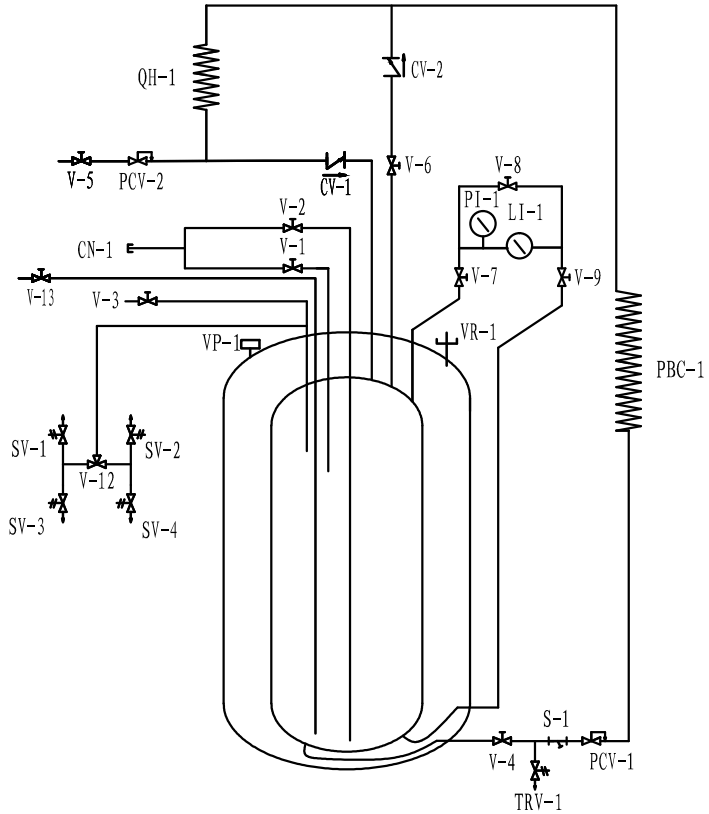




贮罐规格/ TANK SPECIFICATIONS: FV1-10000-16		
贮罐类型/ MODEL:		II
最大工作压力/ MAWP	16 BAR	232 PSIG
容器自重/ TARE WEIGHT	约4948 KG	10886 LBS
容器充液后总重/ FULL WEIGHT:		
液氮/ NITROGEN	12893 KG	28365 LBS
液氧/ OXYGEN	16167 KG	35567 LBS
液氩/ ARGON	18645 KG	41019 LBS
内容器技术要求/ INNER CONTAINER:		
设计, 制造, 检验与验收执行标准为 TSG 21-2016《固定式压力容器安全技术监察规程》、GB 150.1~150.4-2011《压力容器》和GB/T 18442-2019《固定式真空绝热深冷压力容器》。		
DESIGNED, MANUFACTURED, AND STAMPED IN ACCORDANCE WITH TSG 21-2016, GB 150.1~150.4-2011 AND GB/T 18442-2019.		
总容积/ GROSS CAPACITY	10350 升/LITERS	2738加仑/GALLONS
有效容积(95%溢流)/ NET CAPACITY-95%	9833升/LITERS	2601加仑/GALLONS
材料制造及验收标准/ MATERIAL SPECIFICATION	S30408 GB/T 24511-2017	
工作温度范围/ OPERATING TEMP. RANGE	-196°C至 50°C/-320.8°F TO 122°F	
日蒸发率(液氮)/ NER(LIN)	≤0.35% 每天 / PER DAY	
内容器技术要求/ OUTER VESSEL:		
材料制造及验收标准/ MATERIAL SPECIFICATION	GB/T 713, 材质为Q345R GB/T 713 ,Q345R	
最大容许工作压力/ MAWP	真空, -0.1 MPa FULL VACUUM, -1 bar	
管道材料标准/ PIPING MATERIALS:		
外部管道/ EXTERIOR TUBES	美标 ASME SA-269, 材质为 316L 型不锈钢 ASME SA-269 TYPE 316L STAINLESS STEEL	
外部管件/ EXTERIOR FITTINGS	材质为 316 型不锈钢、黄铜 TYPE 316 STAINLESS STEEL AND BRASS	
外部管道/ EXTERIOR PIPING	美标 ASME SA-312, 材质为 304 型不锈钢 ASME SA-312 TYPE 304 STAINLESS STEEL	
备注: 以上材质均要求在操作压力条件下, 材料与低温介质有适宜的浸溶性。		
* SATURATION BASED ON OPERATING PRESSURE		

符号/SYM	图例/LEGEND	品牌/BRAND	尺寸/SIZE
V-1	顶部充装截止阀/VALVE, TOP FILL	Bai tu	DN25
V-2	底部充装截止阀/VALVE, BOTTOM FILL	Bai tu	DN25
V-3	放空/溢流截止阀/VALVE, FULL TRYCOCK/VENT	Bai tu	DN15
V-4	增压器入口截止阀/VALVE, PRESSURE BUILDING INLET	Bai tu	DN15
V-5	汽化器出口截止阀/VALVE, VAPORIZER OUTLET	Bai tu	DN20
V-6	节气出口截止阀/VALVE, ECONOMIZER OUTLET	Bai tu	DN15
V-7	仪表气相截止阀/VALVE, VAPOR PHASE ISOLATION	Hua tai	1/4"tube
V-8	仪表压力平衡阀/VALVE, EQUALIZATION	Hua tai	1/4"tube
V-9	仪表液相截止阀/VALVE, LIQUID PHASE ISOLATION	Hua tai	1/4"tube
V-12	双向安全切换阀/VALVE, DIVERTER, DUAL SAFETY	Marshall	1/2"NPT
V-13	液体使用截止阀/VALVE, LIQUID, USE	Bai tu	DN25
CV-1、2	止回阀/VALVE, CHECK	Marshall	1/2"NPT
S-1	过滤器/FILTER	Marshall	1/2"NPT
LI-1	差压液位表/LIQUID LEVEL GAUGE	D+P	6000mmH2O
PI-1	压力表/PRESSURE GAUGE	Bu lai di	0-6MPa
PBC-1	增压器单元/PRESSURE BUILDING COIL	CS	30Nm3/h
PCV-1	增压调节阀/PRESSURE BUILDING REGULATOR	Bai tu	1/2"NPT
PCV-2	减压阀/PRESSURE RELIEF VALVE	Bai tu	3/4"NPT
SV-1-4	安全阀/SAFETY VALVE	Bai tu	1/2"NPT
TRV-1	管路泄放安全阀/TUBE RELIEF VALVE	Bai tu	1/4"NPT
VR-1	真空规管/VACUUM GAUGE	Guo guang	1/8"NPT
VP-1	抽真空口/VACUUM PUMPING INTERFACE	CS	/
QH-1	汽化器单元/CARBURETTOR UNIT	CS	100Nm3/h



管口符号 SYM	管道 LINE	接管尺寸 SIZE
A	顶部充装管线 TOP FILL	ø32*2.5mm
B	底部充装管线 BOTTOM FILL	ø32*2.5mm
C	增压器进口管线 PB INLET	19.05mm, TUBE 3/4"O.D*0.065"
D	液相仪表管线 LIQUID INSTRUMENT	6.35mm, TUBE 1/4"O.D*0.065"
E	气相仪表管线 GAS INSTRUMENT	6.35mm, TUBE 1/4"O.D*0.065"
F	放空/95%溢流 FULL TRYCOCK/VENT	21.34mm, PIPE NPS1/2" SCH40S
G	增压器出口管线 PB OUTLET	ø27*3
H	气体使用管线 GAS USE	ø27*3
I	安全管线 FULL TRYCOCK/VENT/SAFETY	21.34mm, PIPE NPS1/2" SCH40S
J	抽真空 PUMP VACCUUM	ø22mm
K	真空规管 GAUGE VACCUUM	ø15mm
L	液体使用管线 LIQUID USE	ø32*2.5mm

				名称/TITLE: <
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