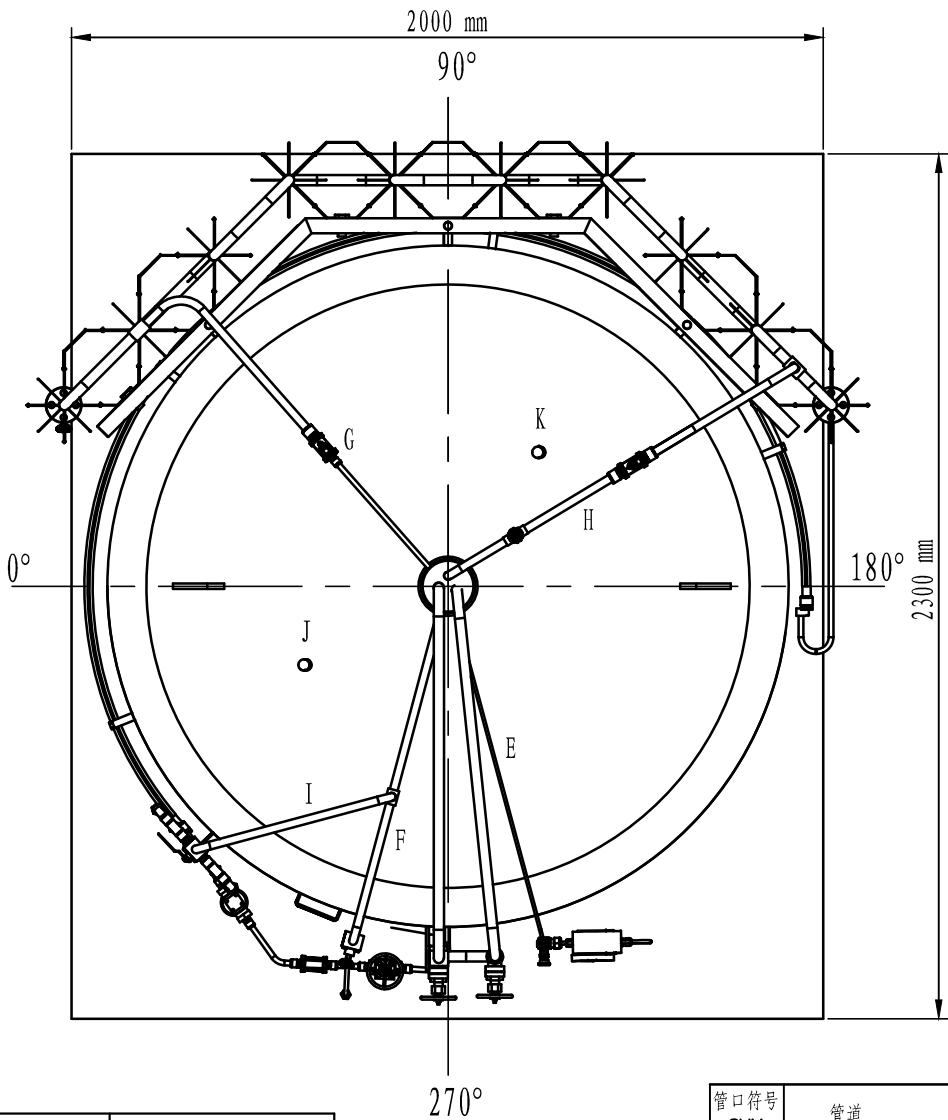
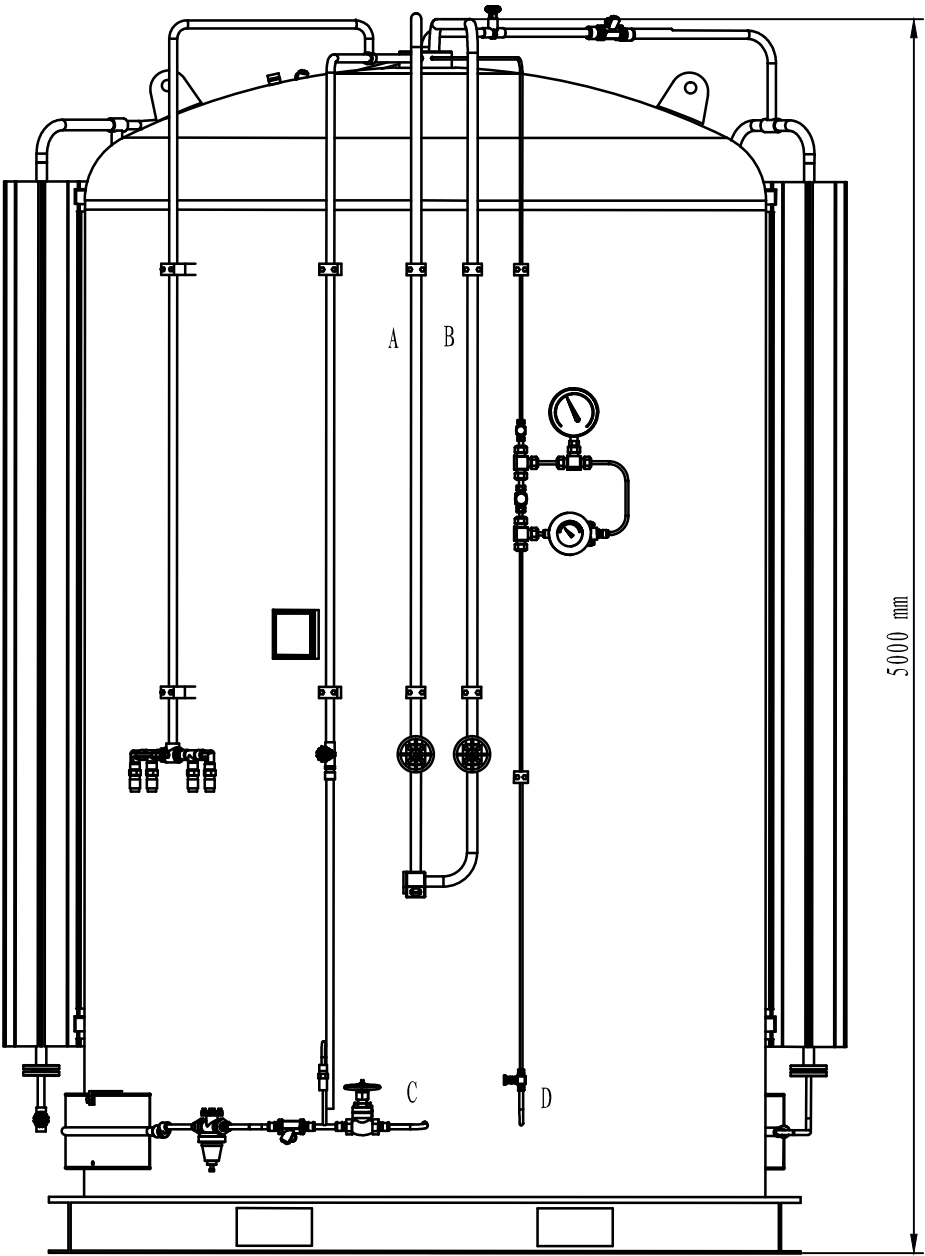
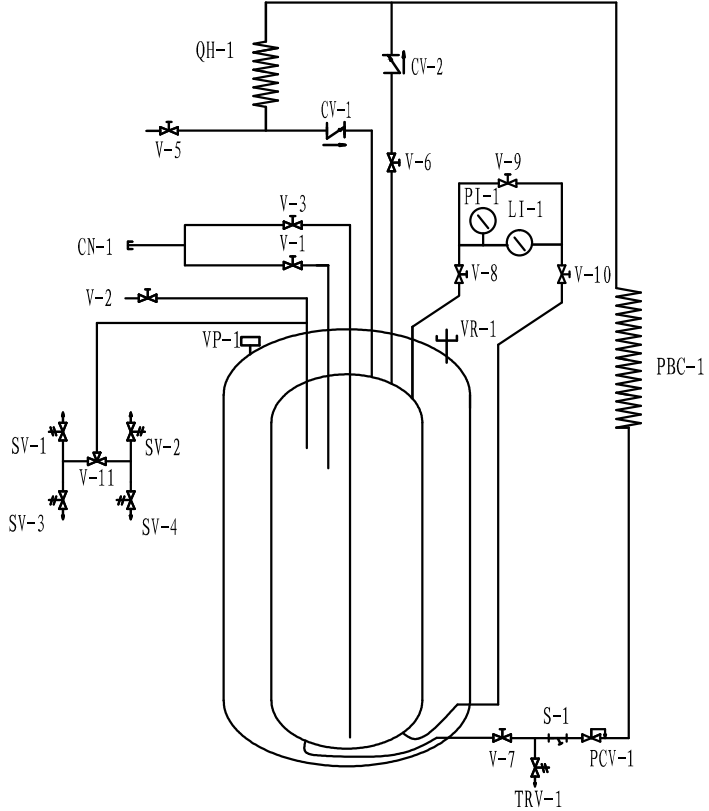




贮罐规格/ TANK SPECIFICATIONS: FV1-7500-08		
贮罐类型/ MODEL:		II
最大工作压力/ MAWP	08 BAR	116 PSIG
容器自重/ TARE WEIGHT	约2959 KG	6510 LBS
容器充液后总重/ FULL WEIGHT:		
液氮/ NITROGEN	8685 KG	19107 LBS
液氧/ OXYGEN	11045 KG	24299 LBS
液氩/ ARGON	12831 KG	28229 LBS
内容器技术要求/ INNER CONTAINER:		
设计，制造，检验与验收执行标准为 TSG 21-2016《固定式压力容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	7460升/LITERS	1971加仑/GALLONS
有效容积(95%溢流)/ NET CAPACITY-95%	7087升/LITERS	1872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℃至 50℃/-320.8°F TO 122°F	
日蒸发率(液氮)/ NER(LIN)	≤0.4% 每天 / PER DAY	
外容器技术要求/ 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		

图例/LEGEND	
V-1	顶部充装截止阀/VALVE, TOP FILL
V-2	放空/溢流截止阀/VALVE, FULL TRYCOCK/VENT
V-3	底部充装截止阀/VALVE, BOTTOM FILL
V-5	汽化器出口截止阀/VALVE, VAPORIZER OUTLET
V-6	节气出口截止阀/VALVE, ECONOMIZER OUTLET
V-7	增压器入口截止阀/VALVE, PRESSURE BUILDING INLET
V-8	仪表气相截止阀/VALVE, VAPOR PHASE ISOLATION
V-9	仪表压力平衡阀/VALVE, EQUALIZATION
V-10	仪表液相截止阀/VALVE, LIQUID PHASE ISOLATION
V-11	双向安全切换阀/VALVE, DIVERTER, DUAL SAFETY
S-1	过滤器/FILTER
PI-1	压力表/PRESSURE GAUGE
LI-1	液位计/LIQUID LEVEL GAUGE
CV-1	增压器出口止回阀/CHECK VALVE, PRESSURE BUILDING OUTLET
CV-2	节气出口止回阀/CHECK VALVE, ECONOMIZER OUTLET
SV-1	安全阀/SAFETY VALVE
SV-2	安全阀/SAFETY VALVE
SV-3	安全阀/SAFETY VALVE
SV-4	安全阀/SAFETY VALVE
QH-1	汽化器单元/CARBURETTOR UNIT
VR-1	真空规管/GAUGE VACUUM
VP-1	抽真空口/VACUUM PUMPING INTERFACE
TRV-1	管路泄放安全阀/TUBE RELIEF VALVE
PCV-1	增压调节阀/PRESSURE BUILDING REGULATOR
PBC-1	增压器单元/PRESSURE BUILDING COIL



管口符号 SYM	管道 LINE	接管尺寸 SIZE
A	顶部充装管线 TOP FILL	ø27*3mm
B	底部充装管线 BOTTOM FILL	ø27*3mm
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	ø9*1.5mm
E	气相仪表管线 GAS INSTRUMENT	ø9*1.5mm
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	21.34mm, PIPE NPS1/2" SCH40S
H	气体使用管线 GAS USE	21.34mm, PIPE NPS1/2" SCH40S
I	安全管线 FULL TRYCOCK/VENT/SAFETY	21.34mm, PIPE NPS1/2" SCH40S
J	抽真空 PUMP VACCU	ø22mm
K	真空规管 GAUGE VACCU	ø15mm

				名称/TITLE:
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