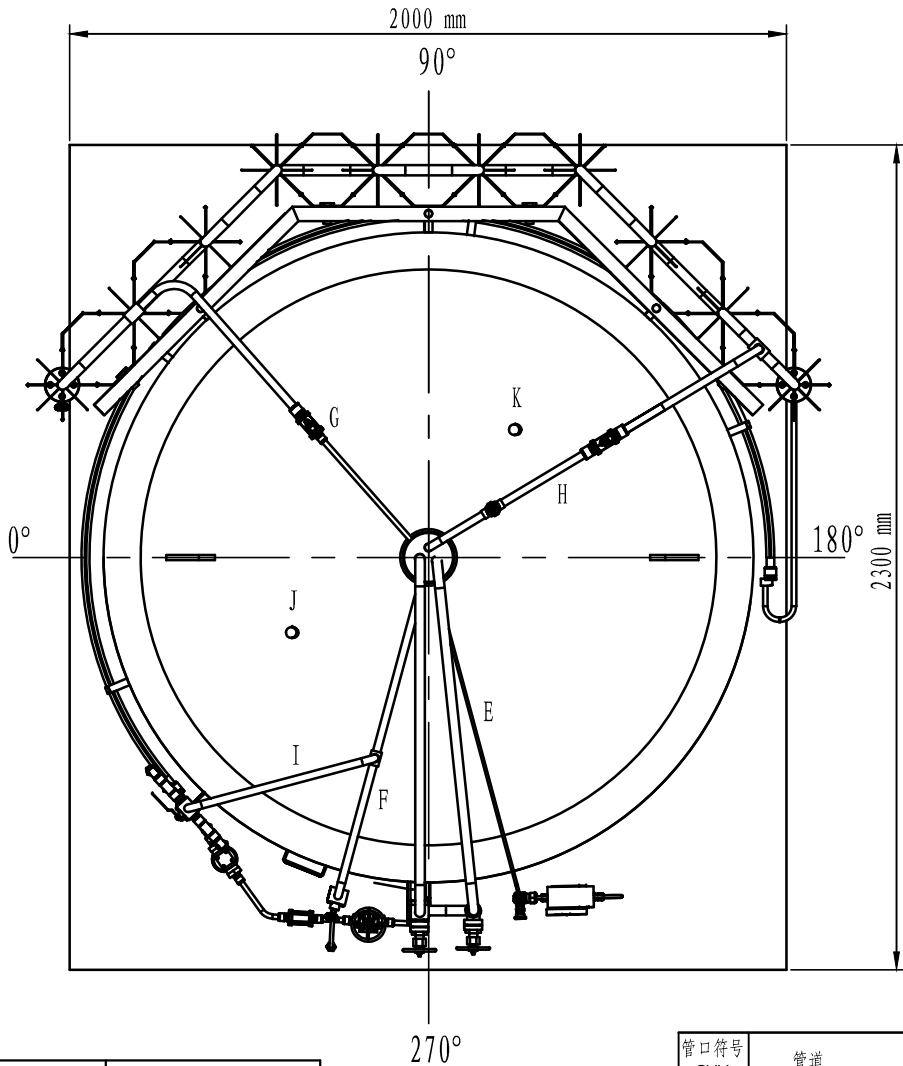
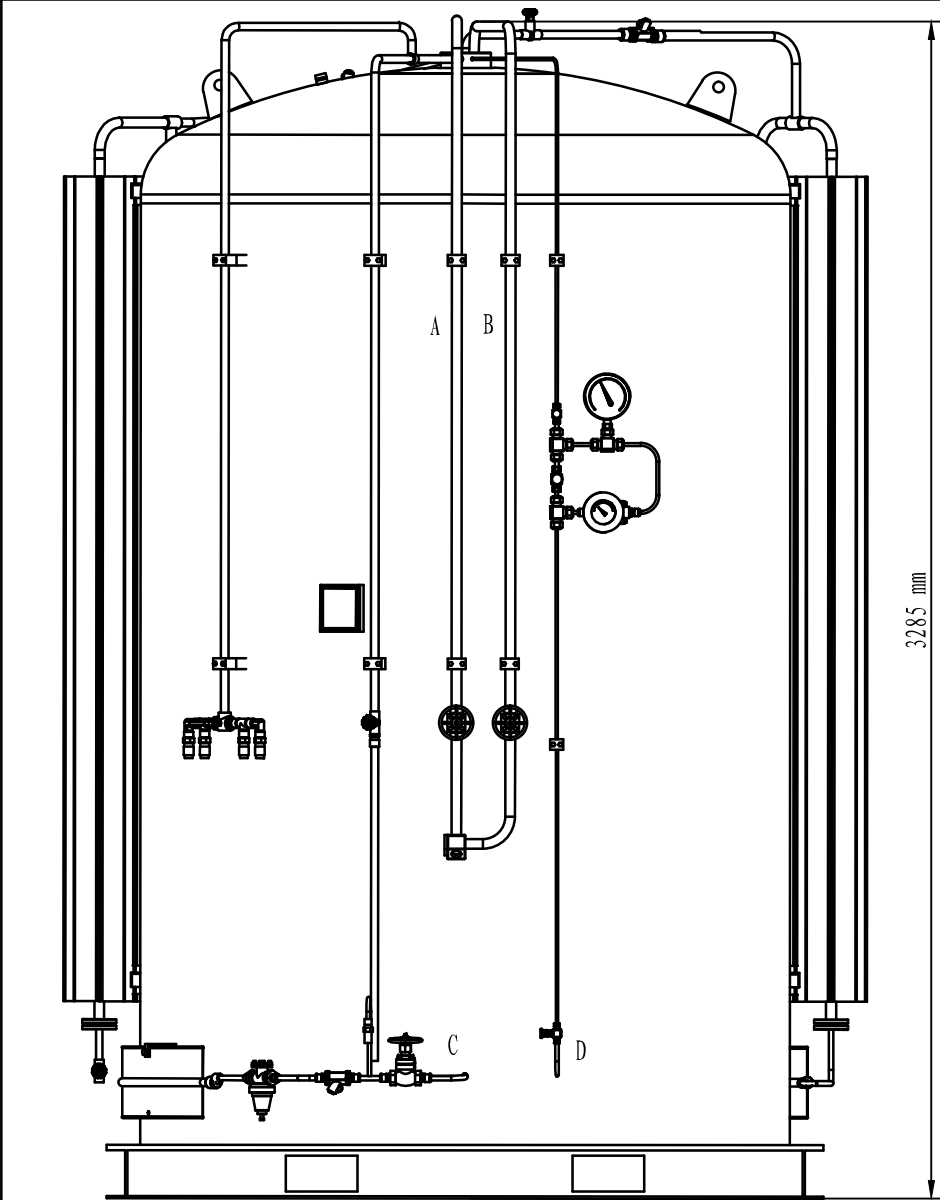
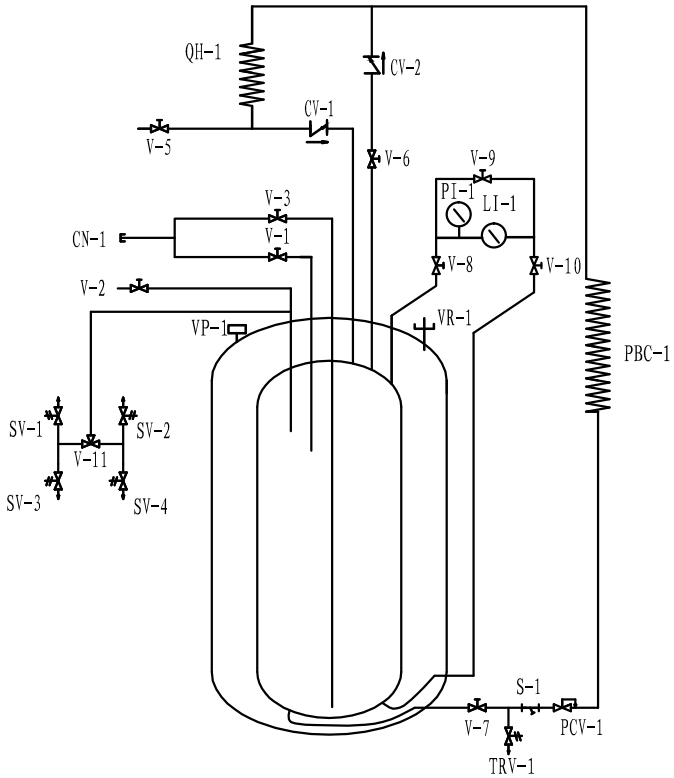




图例/LEGEND	
V-1	顶部充装截止阀/VALVE, TOP FILL
V-2	放空/溢流截止阀/VALVE, FULL TRYCOCK/VENT
V-3	底部充装截止阀/VALVE, BOTTOM FILL
V-5	汽化器出口截止阀/VALVE, VAPORIZER OUTLET
V-6	节气出口截止阀/VALVE, ECONOMIZER OUTLET
V-7	增压器入口截止阀/VALVE, PRESSURE BUILDING INLET
V-8	仪表气相截止阀/VALVE, VAPOR PHASE ISOLATION
V-9	仪表压力平衡阀/VALVE, EQUALIZATION
V-10	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 VACCUM	ø22mm
K	真空规管	GAUGE VACCUM	ø15mm

				名称/TITLE: <			
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储罐规格/ TANK SPECIFICATIONS: FV1-5000-25

储罐类型/ MODEL:	II	
最大工作压力/ MAWP	25 BAR	362.5 PSIG
容器自重/ TARE WEIGHT	约 3228 KG	7102 LBS
容器充液后总重/ FULL WEIGHT:		
液氮/ NITROGEN	7058 KG	15528 LBS
液氧/ OXYGEN	8636 KG	18999 LBS
液氩/ ARGON	9830 KG	21626 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	4990 升/LITERS	1320 加仑/GALLONS
有效容积(95%溢流)/ NET CAPACITY-95%	4740 升/LITERS	1254 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)	≤0.45% 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 24511, 材质为 S30408 GB/T 24511 , S30408	
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