

Fuel Gas Supply System

- ✧ Core equipment such as storage tanks, heat ex-changers, and cold boxes are independently designed and manufactured, holding CCS product certificates, and reliable and stable performance;
- ✧ Complete system, compact structure, high space utilization;
- ✧ High vacuum multi-layer winding insulated storage tanks, low evaporation rate, long maintenance time;
- ✧ Single and two independent gas supply systems can be selected;
- ✧ Circulating water heating LNG, low energy consumption;
- ✧ Self-pressurizing adjustment function to ensure stable pressure;
- ✧ Economic gas supply mode to achieve BOG zero emission.

● Technical Specification of Fuel Gas Supply System for Marine LNG-powered Ship

Capacity(m ³)	Working Pressure(MPa)	Filling Rate	Adiabatic System	Design Code
50-400	0.3-0.8	90	Vacuum powder insulation	CCS, ABS, DNV-GL, AR



● Technical Specification of Fuel Gas Supply System for River LNG-powered Ship

Model	Geometric Volume(m ³)	Effective Volume(m ³)	Working Pressure(Mpa)	Daily Evaporation Rate(%)	Adiabatic System
ZBCG-10/1.0	11.12	10	1.0	0.22	High vacuum multi-layer insulation
ZBCG-15/1.0	16.67	15	1.0	0.175	High vacuum multi-layer insulation
ZBCG-20/1.0	22.23	20	1.0	0.15	High vacuum multi-layer insulation
ZBCG-25/1.0	27.28	25	1.0	0.14	High vacuum multi-layer insulation
ZBCG-30/1.0	33.3	30	1.0	0.13	High vacuum multi-layer insulation
ZBCG-50/1.0	55.6	50	1.0	0.23/0.10	High vacuum multi-layer insulation/Vacuum powder

