



Liquid nitrogen filling series is mainly used for liquid nitrogen storage. It uses small amount of liquid nitrogen vaporizing to increase the pressure inside the tank, so that the tank can automatically discharge liquid nitrogen to other containers. The stainless steel structure design is suitable for most environment and reduces the rate of evaporation losses. All the models are equipped with pressure building valve, liquid valve, release valve and pressure gauge. All the models are equipped with 4 rollers at the bottom for easy to move. Mainly applicable to laboratory users and chemical users for liquid nitrogen storage and liquid nitrogen automatic supply.



### Features

- ◆ Unique neck design, low evaporation loss rate
- ◆ A protective operating ring
- ◆ Safe structure
- ◆ Stainless steel tank
- ◆ With carrying cart for easy to move
- ◆ CE certified
- ◆ Five years vacuum warranty
- ◆ Level display is optional
- ◆ Solenoid valve is optional
- ◆ Automatic filling system is optional



## Liquid Nitrogen Filling Series



### Order Information-Parameter List

Cod.	B0Z005040	B0Z015040	B0Z030040	B0Z050040
Unit Parameter				
Effective capacity (L)	5	15	30	50
Neck diameter (mm)	40	40	40	40
Daily evaporation loss rate (%) ★	3.0	2.5	2.5	2.0
Liquid nitrogen filling tank				
Height (mm)	510	750	879	991
Outer diameter (mm)	329	404	454	506
Weight empty (kg)	15	23	32	54
Standard working pressure (Mpa)	0.05			
Maximum working pressure (Mpa)	0.09			
Setting pressure of the first safety valve (Mpa)	0.099			
Setting pressure of the second safety valve (Mpa)	0.15			
Pressure gauge indication range (Mpa)	0~0.25			

★ The above static evaporation loss and static holding time are all based on theoretical values. Actual results are influenced by the operation, atmospheric conditions and manufacture tolerance

### Accessories

A Series	K Series
Standard	
Single layer infusion hose (ZG-DN10/1.5)	Single layer infusion hose (ZG-DN10/1.5); Digital display liquid level meter (DLZ-100) and voltage regulator, Can be used in auto-filling system
Option	
Float level gauge	