



ISO 9001:2008 Certified Company



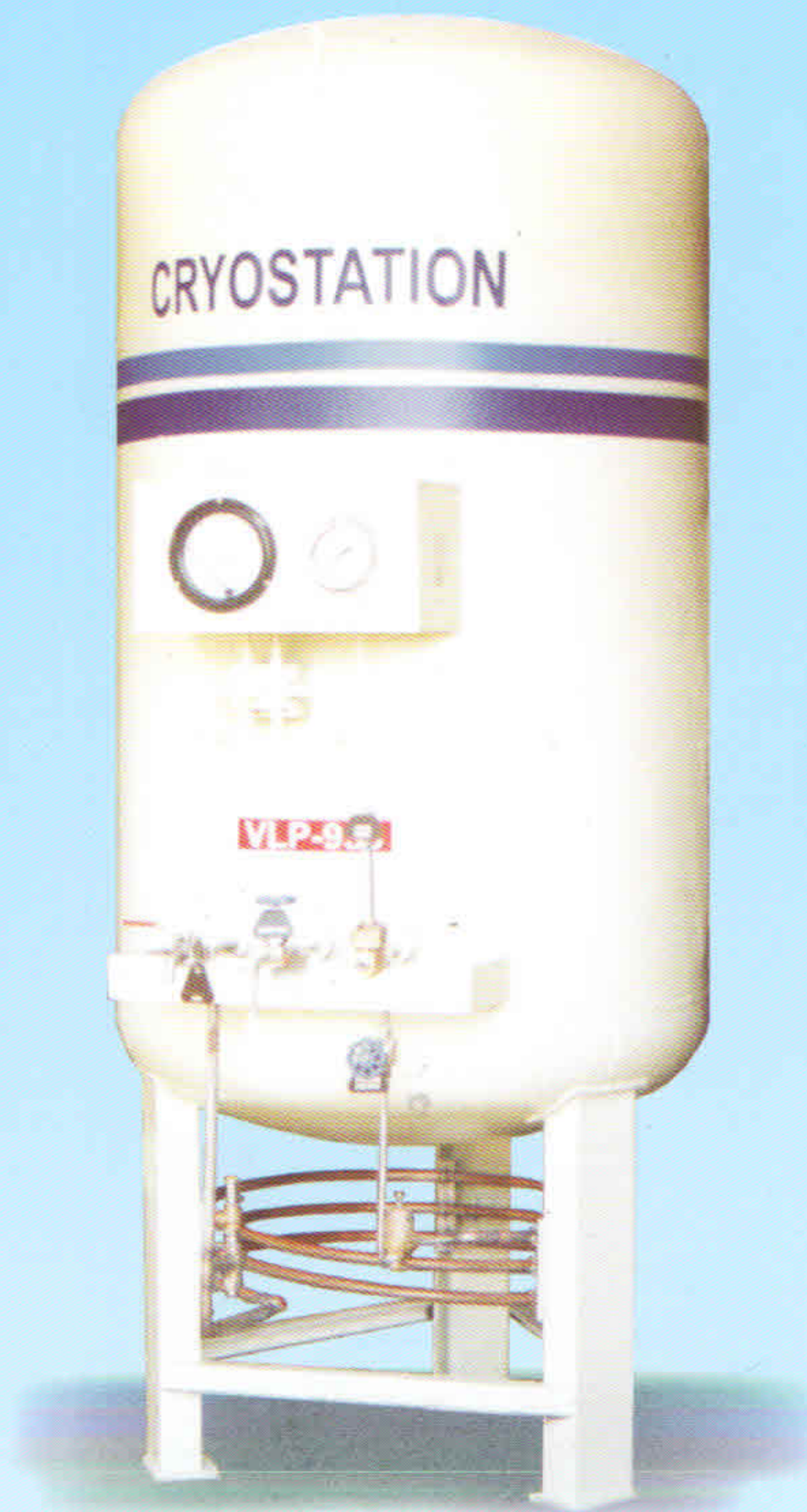
IndianOil

Indian Oil Corporation Limited

IBP Division

Business Group (Cryogenics)

RELIABLE AND ECONOMICAL



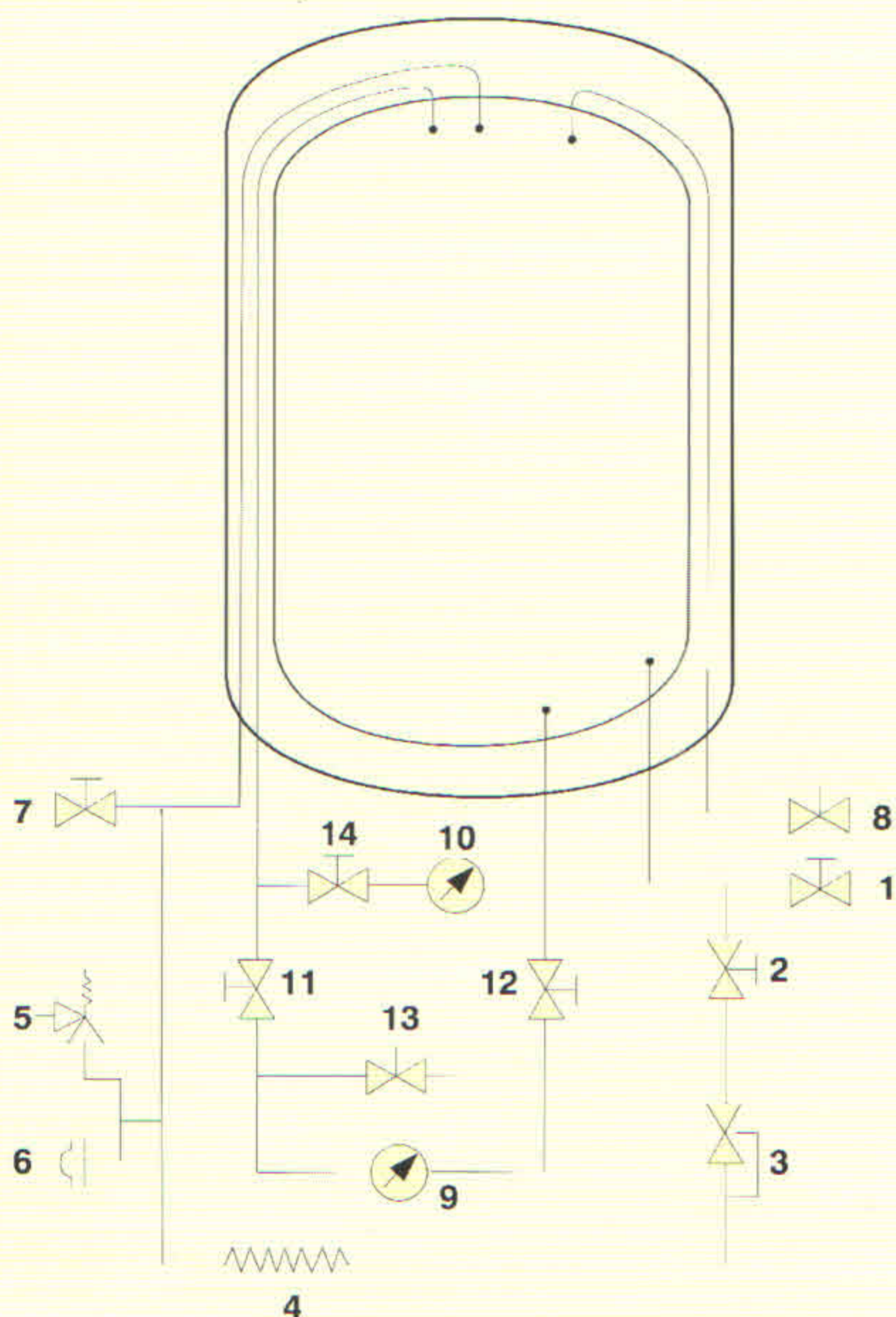
**SUPER INSULATED
CRYOVESSEL**

CRYOVESSEL - VERTICAL SERIES - SPECIFICATIONS

Indian Oil Corporation Limited (IOCL), IBP Division's Cryovessel is India's most efficient cryogenic vessel as it has the lowest evaporation loss rate due to super insulation and high vacuum. Our considerable experience in this field ensures trouble free service.

Applications : The self-pressurizing Cryovessel is ideally suited for storage and distribution of cryogenic gases like liquid Nitrogen/Argon and form an important accessory in several industrial, research and biological applications like cryosurgery, shrink fitting, high vacuum systems and environmental test chambers as well as for LN₂ distribution in Animal Husbandry sectors.

SCHEMATIC LINE DIAGRAM



Model	VLP-950
Net capacity in litres	940
Gross capacity in litres	995
Overall length in mm	2645
Outside dia of outer vessel in mm	1100
Empty weight in Kg	715
Full weight in Kg	1474
Max allowable working pressure in Kg/cm ²	3.3
Static evaporation rate for LN ₂ as %	0.75
Material of construction for Inner / Outer	SS304/CS
Transfer hose (optional)	15 NB x 2mtr long
Notes :	
1. Specifications subject to change without notice in view of continuous improvement in design.	
2. Static evaporation loss rate may vary according to atmospheric conditions.	

VLP - 950

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|----------------------------------|-------------------------------------|
| 1. Liquid fill/withdrawal valve. | 8. Overflow valve. |
| 2. Pressure building valve. | 9. Liquid level gauge. |
| 3. Pressure building regulator. | 10. Pressure gauge. |
| 4. Pressure building coil. | 11. Gas phase valve.(low) |
| 5. Safety valve. | 12. Liquid phase valve.(high) |
| 6. Rupture disc. | 13. Equilization valve. |
| 7. Vent valve. | 14. Pressure gauge isolation valve. |

Features :

- Pressure building regulator for automatic pressure regulation at preset level.
- Dual pressure relief valves / burst disc fitted for extra protection.
- Easy to read D.P. gauge
- Transfer hose
- For Oxygen service, containers available on request.



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IBP Division, Business Group (Cryogenics)

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