



IMPIANTI LIQUEFAZION E PRODUZIONE GAS TECNICI

21 years of Excellence

Universal Industrial Plant Mfg. Co. (P) Ltd.
(Certified ISO 9001:2000 Company and CE)



LIQUID NITROGEN GENERATORS

ING.L&A BOSCHI ITALY



FLOW SCHEMATIC DIAGRAM

BOSCHI ITALY BRAND LIQUID NITROGEN GENERATORS

1.LATEST TECHNOLOGY

2.COMPACT DESIGN

3.EASY TO OPERATE

4.PRACTICALLY ZERO MAINTENANCE.

5.LOW POWER COSUMPTION

6.AIR SEPARATION LIQUID TECHNOLOGY.

7. SKID MOUNTED.

8.HIGH PURITY OF NITROGEN >99,5%.(99.999% OPTIONAL)SUITABLE FOR COCA COLA /JUICE BEVERAGE/ELECTRONICS/FOODAND INDUSTRIAL USES.

9.LIQUID NITROGEN PUMP(OPTIONAL) CAN BE ADDED FOR DIRECT COMPRESSION OF NITROGEN IN CYLINDERS.

10. SINGLE ELECTRIC PANEL.

12.CYLINDER FILLING STATION(OPTIONAL)

13. HEAVY DUTY COMPRESSOR FOR 24 HOUR OPERATION.

14. VERY LONG LIFE AND HIGH QUALITY OXYGEN AS COMPARED TO STERLING AND OTHER OLD TYPE DESIGNS.



- ▣ Very simple to operate
- ▣ Trouble free operation for

We manufacture **oxygen plants and nitrogen plants** as per the latest technology & design of the Company **ING. L. & A., BOSCHI, ITALY**. This technology has been proven all over the world for its working efficiency & trouble free operation. The **AIR SEPARATION COLUMN** of BOSCHI has state of the art distillation trays, **SPECIAL HIGH EFFICIENCY** exchangers condenser to get a high yield of Nitrogen by separation of Liquid Air, which results in very low pressure & low power consumption.

Salient Features

- ▣ Stainless Steel Air Separation Column (optional)
- ▣ Skid Mounted Version available
- ▣ Oversize Molecular Sieve Dryer
- ▣ Quick start for fast cooling
- ▣ No raw material is required years (German design)



LIQUID NITROGEN GENERATORS FOR FILLING 100% HIGH QUALITY LIQUID NITROGEN IN TANKS

SCOPE OF SUPPLY



- ▣ Easy availability of spare parts
- ▣ Low power consumption

CRYOGENIC STORAGE TANKS

Cryogenic Vessels are designed for storage and transport of liquid gases at sub-zero temperatures. Manufacturing of such cryogenic tanks requires special technical know how and sophisticated fabrication techniques. Universal has developed the necessary technology and has been manufacturing these cryogenic equipment like cryogenic vessels since last seven years.

THE LIQUID NITROGEN FROM THE LIQUID NITROGEN GENERATOR CAN BE STORED IN CRYOGENIC LIQUID NITROGEN TANKS.

TECHNICAL SPECIFICATIONS						
S. NO	MODEL	UBLN 10	UBLN 20	UBLN 30	UBLN 40	UBLN 50
1	CAPACITY (Product Options) A. NITROGEN LIQUID 100%	liquid-gas/ltrs-hrs. 10	liquid-gas/ltrs-hrs. 20	liquid-gas/ltrs-hrs. 30	liquid-gas/ltrs-hrs. 40	liquid-gas/ltrs-hrs. 50
2	PURITY	99.5 %	99.5 %	99.5 %	99.5 %	99.5 %
3	POWER CONNECTED	38 KW	55 KW	65 KW	85 KW	100 KW
4	POWER SUPPLY	380-440Volts	380-440 Volts	380-440Volts	380-440 Volts	380-440Volts
5	AREAS REQUIRED (L x B)	3MX6M	3MX6M	4MX6M	4MX6M	4M x 6M
6	ASSEMBLY HEIGHT	3 M	3.8 M	3.9 M	4 M	4 M
7	WEIGHT (ABOUT)	3.9TONS	4.5 TONS	5 TONS	5.5 TONS	6 TONS
8	AIR SEPARATION COLUMN	TYPE-BOSCHI	TYPE-BOSCHI	TYPE-BOSCHI	TYPE-BOSCHI	TYPE-BOSCHI

Note: the above specifications are for 99 – 99.5% purity.

PHOTOS OF OUR LIQUID NITROGEN GENERATORS



LIQUID NITROGEN GENERATORS (FILLING IN LIN DEWARs)



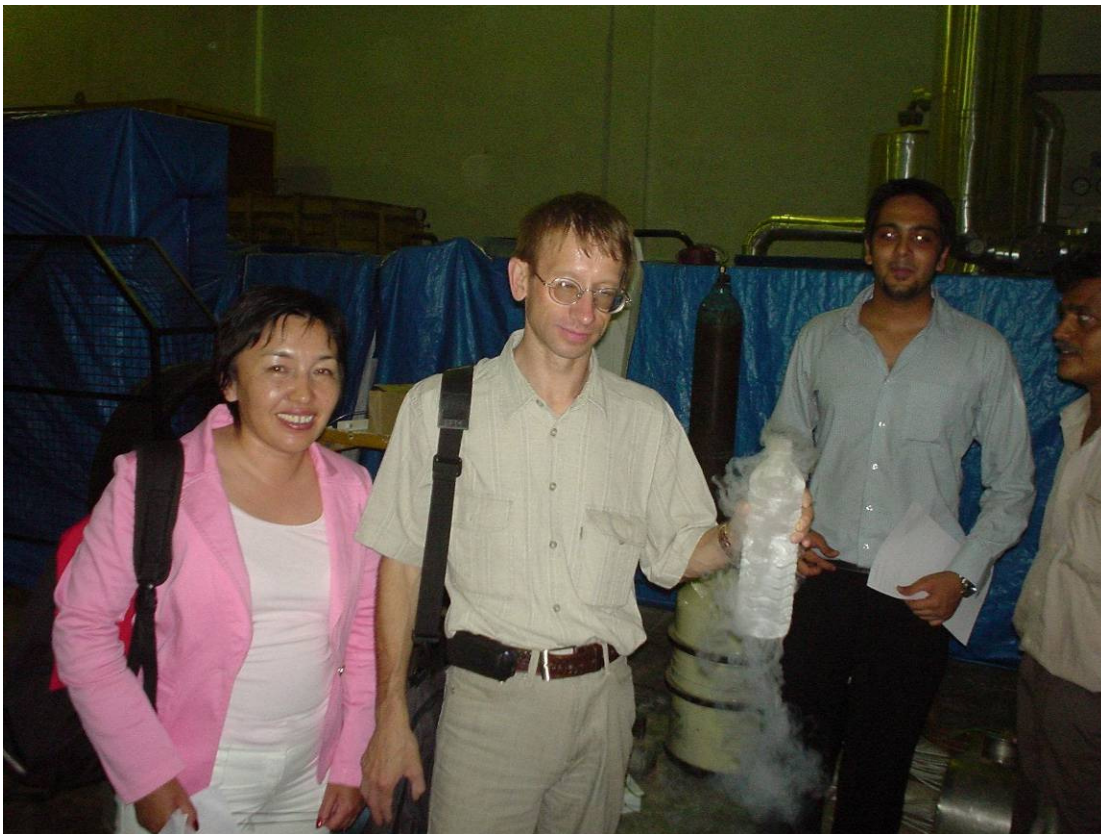
HIGH PURITY LIQUID NITROGEN GENERATOR UBLN50 FOR PEPSICOLA
USAPURITY(>99.999%)



APPROVAL AS SUPPLIER FROM ENGINEERS OF AIR LIQUIDE FRANCE



LIQUID GENERATOR OF CAPACITY 30 LITERS PER HOUR APPROVED FOR SHIPMENT



COCOACOLA TEAM WITH RUSSIAN SCIENTIST APPROVE PERFORMANCE TEST FOR PURITY/QUALITY



LIQUID NITROGEN STORAGE TANK

CONTACT US

Universal Industrial Industrail Plants Mfg. Co. (P) Ltd.

R-19, Hauz Khas Enclave

New Delhi - 110016, India

Phone: +(91)-(124)-4386250, +(91)-(124)-6519863, ; **(International calls only)**

Mobile: +(00)-(91)-9810626301 **(International marketing calls only)**

Fax :+(91)-(124)-4386234

Email : info@universal2.com, info@universalboschi.com

Postal Address: A104/2, Okhla Industrial Area Phase - II,
New Delhi - 110020. India.