



# NITROGEN GENERATOR

Membrane technology



## BASIC DESIGN DATA:

- For outdoor and indoor use
- Hazardous classified or safe areas
- Special design for harsh environment (e.g. tropical or subarctic)
- Nitrogen purity: 95% up to 99.5%
- Nitrogen Flow rate: 20 Nm<sup>3</sup>/h up to 800 Nm<sup>3</sup>/h
- Standard output nitrogen pressure: up to 8 bar(g)
- Special execution - output nitrogen pressure even up to 100 bar(g)
- Design temperature: -20 °C ÷ 60°C
- Standard build as a modular process skid
- Standard design complies with EU standards – CE marked
- Optional design according to ASME, GOST

## ADVANTAGES:

- Standard version – compact nitrogen module
- Plug and play version – equipped with compressors and air pretreatment
- Redundant compressors and membrane lines for N<sub>2</sub> generating
- Low on-site nitrogen production costs
- High nitrogen purity
- Fully automatic and easily operated
- Environment friendly
- Reliable and long life design
- Minimal maintenance
- Adaptable design
- Small footprint
- Remote control

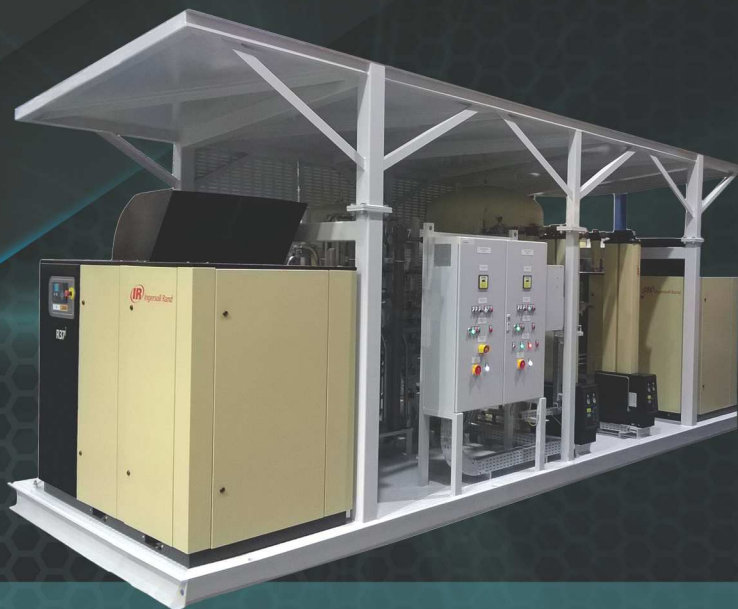


## CONTACT

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| TYPE                   |                        | LIN60S                | LIN60                  | LIN400                 | LIN720                  |
|------------------------|------------------------|-----------------------|------------------------|------------------------|-------------------------|
| Compressors inside     |                        | YES                   | NO                     | NO                     | NO                      |
| NITROGEN               | Normal flow (one line) | 60 Nm <sup>3</sup> /h | 60 Nm <sup>3</sup> /h  | 400 Nm <sup>3</sup> /h | 720 Nm <sup>3</sup> /h  |
|                        | Working pressure       | 5.5 bar               | 5.5 bar                | 9 bar                  | 9 bar                   |
|                        | Purity (min)           | 95%                   | 95%                    | 95%                    | 95%                     |
|                        | Working temperature    | < 40 °C               | 13 °C – 60 °C          | 13 °C – 60 °C          | 13 °C – 60 °C           |
| AIR SUPPLY             | Pressure               | -                     | 7 bar                  | 11 bar                 | 11 bar                  |
|                        | Flow (for single line) | -                     | 210 Nm <sup>3</sup> /h | 910 Nm <sup>3</sup> /h | 1640 Nm <sup>3</sup> /h |
|                        | Temperature            | -                     | 13 °C – 45 °C          | 13 °C – 45 °C          | 13 °C – 45 °C           |
|                        | Cleanness              | -                     | 1.4.1                  | 1.4.1                  | 1.4.1                   |
| Steel construction     |                        | Carbon steel, coating | Carbon steel, coating  | Carbon steel, coating  | Carbon steel, coating   |
| Piping/tubing material |                        | Stainless steel       | Stainless steel        | Stainless steel        | Stainless steel         |
| Ambient temperature    |                        | 6 °C – 42 °C          | 5 °C – 45 °C           | 5 °C – 45 °C           | 5 °C – 45 °C            |
| Relative humidity      |                        | 98%                   | 36-100%                | 36-100%                | 36-100%                 |
| Location               |                        | outdoor               | outdoor                | outdoor                | outdoor                 |



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