

# MAXIGAS

## Nitrogen generators

# N2MAX108

### Unit details

|                  |         |        |
|------------------|---------|--------|
| Height           | 1650 mm | 65 in  |
| Individual width | 500 mm  | 20 in  |
| Depth            | 1150 mm | 46 in  |
| Weight           | 410 kg  | 904 lb |

### Shipping details

|        |         |         |
|--------|---------|---------|
| Height | 1900 mm | 75 in   |
| Width  | 650 mm  | 26 in   |
| Depth  | 1300 mm | 51 in   |
| Weight | 560 kg  | 1234 lb |

### Specifications

|                              |  |
|------------------------------|--|
| Electrical supply            | 230V / 1ph / 50-60Hz<br>110V / 1ph / 50-60Hz |
| Power rating                 | 170 VA                                       |
| Inlet air pressure           | 6-9.5 barg 87-138 psig                       |
| Required inlet air quality   | ISO 8573.1 Class 1.2.1<br>Dirt, Water, Oil   |
| Nitrogen outlet pressure     | 5 barg                                       |
| Inlet and outlet connections | G1/2   |
| Noise level                  | <75 db(A)                                    |



### Performance

| Oxygen content     | 10 ppm              |      | 100 ppm             |      | 0.1%                |      | 0.5%                |      | 1%                  |      | 2%                  |      | 3%                  |      |
|--------------------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|
|                    | Nm <sup>3</sup> /hr | Scfm | Nm <sup>3</sup> /hr | Scfm | Nm <sup>3</sup> /hr | Scfm | Nm <sup>3</sup> /hr | Scfm | Nm <sup>3</sup> /hr | Scfm | Nm <sup>3</sup> /hr | Scfm | Nm <sup>3</sup> /hr | Scfm |
| Nitrogen flowrate  | 2.6                 | 1.53 | 4.4                 | 2.6  | 9.0                 | 5.3  | 15.3                | 9.0  | 18.0                | 10.6 | 23.6                | 13.9 | 27.6                | 16.2 |
| Inlet air required | 31.2                | 18.4 | 35.2                | 20.8 | 42.3                | 24.9 | 53.6                | 31.5 | 55.8                | 32.8 | 63.7                | 37.5 | 71.7                | 42.1 |
| Pre-treatment      | DME012/N2           |      | DME015/N2           |      | DME015/N2           |      | DME020/N2           |      | DME020/N2           |      | DME025/N2           |      | DME025/N2           |      |
| Total air required | 39.4                | 23.2 | 46.1                | 27.2 | 53.2                | 31.3 | 67.9                | 39.9 | 70.1                | 41.2 | 81.7                | 48.0 | 89.7                | 52.6 |

Performance figures based on 7 barg inlet air pressure to pre-treatment, 6 barg (87 psig) air inlet pressure to nitrogen generator. Ambient temperature 20-25°C (68°-77°F).

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Ref GG0801 108DS Rev 3.0  
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