

Industrial Gases



pneumatech
Pure air . Pure gas

O² & N² GENERATORS



At Ash Air, it isn't just about the products. We're passionate about performance and service, with more than 40 qualified engineers working throughout the country providing unsurpassed compressed air solutions.

Broad product portfolio of robust compressors & tools

Decades of experience & innovation since 1979

24/7 service support with back up and hire equipment

"We are committed to being the easiest company to deal with in the air compressor and vacuum industry. Anywhere, Anytime. 24/7."

Energy Saving Solution



10,200 serviceable units



2.1 MWh potential yearly energy savings identified by leak detection



6015 kW combined power of VSD compressors installed



50.4 km AIRnet piping installed



6 MWh saved with AIRnet and VSD each year



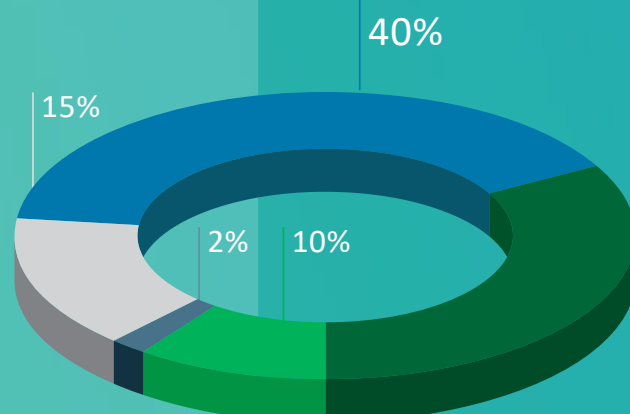
4.2 MTon CO2 emissions eliminated each year

Control and Monitor your Dryer

The Purelogic™ Central Controller is the ideal complement to your Pneumatech Nitrogen Generator. This state-of-the-art control solution will provide optimal control and monitoring of your machines, increased reliability and reduced energy use.



Potential Energy Savings with Purelogic™ Controller



- Investment
- Dryer energy cost
- Installation
- Indirect energy cost
- Maintenance & repair



Applications of Oxygen and Nitrogen Gas Generators

Gas generators can be used in a wide range of applications mainly in aquaculture, medical oxygen in hospitals, modified atmosphere packaging, inerting, blanketing, purging, tire filling, food and beverage packaging, gold mining, coal mines, ozone and wastewater treatment, marine, laser cutting, electronics, laboratories, and many more.

Gas Generators

Pneumatech designs and manufactures both standard and engineered on-site gas generator products. Nitrogen and oxygen generators are available with Pressure Swing Adsorption (PSA) technology, resulting in nitrogen purities up to 99.999% and oxygen purities up to 95%. Membrane technology is also offered for nitrogen purity levels up to 99.5%.

Pre-defined high-pressure nitrogen skids have been developed as a plug-and-play solution for various applications like laser-cutting. Our engineering department hence becomes your best partner for all kinds of special requests.



What are the Advantages of On-Site Gas Generation?

Gases are non-stop available

- Lower operational costs: no rental charges, transport expenses and evaporation losses
- No safety hazards when handling high-pressure cylinders
- Easy integration within existing compressed air installations
- The right purity for the right application
- Returns on investment often less than two years



PPNG 6 - 68 HE - Nitrogen Generator with Pressure Swing Adsorption Technology

Features & Benefits

- Advanced energy saving control
- Reduced air consumption at low nitrogen demand
- Also compensates for altering ambient conditions and purity settings
- No compressed air use when no nitrogen is consumed
- Outstanding air factors thanks to back-flow pressurization
- High-quality, high-efficient Carbon Molecular Sieves selected for the right application
- Guaranteed purity
- Automatically regulates to the requested nitrogen pressure and purity
- Zirconia sensors for reliable purity measurement
- Designed & tested for cyclic load
- Optimal control and monitoring thanks to Purelogic™ Controller
- Self-protective monitoring of the feed air quality
- Feed-air blow-off in case of contamination
- Nitrogen flow, purity and pressure measured and controlled
- Automatic start-up

General Specifications

- Pressure Swing Adsorption (PSA) nitrogen generators - extruded profile design
- Nitrogen purity achievable: 95% - 99.9% (PCT Variant) & 99.95%-99.999% (PPM variant)
- Inlet pressure range: 4-13 barg /60-189 psig
- Inlet temperature range: 5-60°C/41-140°F
- Required inlet air quality: 1-4-1 according to ISO 8573-1:2010



Options



Wooden



The PPNG6-68HE series is Pneumatech's premium on-site nitrogen solution for low to medium flows, with best-in-class performance and the most complete scope of supply.

The generator has outstanding air factors at full load thanks to the use of highly efficient Carbon Molecular Sieves (CMS) and back-flow pressurization.

The air consumption is also optimized at reduced nitrogen flow or pressure demands, thanks to the advanced energy saving algorithm, which

automatically adjusts the cycle times of the generator.

The control and monitoring capabilities of the PPNG6-68 HE are truly impressive. Purity is guaranteed at all times by opening the consumer valve only at the requested purity level and flushing nitrogen when purity is not reached. Feed air quality is controlled by monitoring temperature, pressure and PDP. The feed air is blown off in case of contamination. All risks of possible CMS damage are eliminated thanks to the automatic start-up feature.

| Technical specifications for PPNG 6 - PPNG 68 HE | | | | | | | | | | | | | | | | | |
|--|--------------------|---------|----------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Specifications | Units | Variant | Product→ Purity ↓ | PPNG 6 HE | PPNG 7 HE | PPNG 9 HE | PPNG 12 HE | PPNG 15 HE | PPNG 18 HE | PPNG 22 HE | PPNG 28 HE | PPNG 30 HE | PPNG 37 HE | PPNG 41 HE | PPNG 50 HE | PPNG 63 HE | PPNG 68 HE |
| Nominal free nitrogen delivery ⁽¹⁾ | m ³ /hr | PCT (%) | 95 | 18.4 | 23.4 | 28.8 | 36.4 | 46.8 | 57.2 | 70.2 | 86.0 | 93.6 | 114.8 | 128.9 | 157.7 | NA | NA |
| | | | 99.9 | 5.8 | 7.2 | 9.0 | 11.5 | 14.8 | 18.0 | 22.0 | 26.6 | 29.2 | 35.6 | 40.7 | 49.7 | 61.9 | 66.6 |
| | | PPM (%) | 99.999 | 1.9 | 2.5 | 2.9 | 4.0 | 5.0 | 6.1 | 7.9 | 9.7 | 10.4 | 13.0 | 15.8 | 19.4 | 22.7 | 25.9 |
| Nominal air consumption | m ³ /hr | PCT (%) | 95 | 33.8 | 43.6 | 53.3 | 67.7 | 87.1 | 106.6 | 130.7 | 159.8 | 174.2 | 213.1 | 243.7 | 298.1 | NA | NA |
| | | | 99.9 | 18.0 | 23.4 | 28.4 | 36.4 | 46.8 | 56.9 | 69.8 | 85.7 | 93.2 | 114.1 | 135.7 | 166.0 | 196.9 | 221.0 |
| | | PPM (%) | 99.999 | 12.2 | 15.5 | 19.1 | 24.1 | 31.3 | 38.2 | 44.3 | 54.0 | 59.0 | 72.4 | 88.6 | 108.4 | 124.2 | 144.4 |
| Air Factor | - | PCT (%) | 95 | 1.86 | 1.86 | 1.86 | 1.86 | 1.86 | 1.86 | 1.86 | 1.86 | 1.86 | 1.86 | 1.89 | 2 | NA | NA |
| | | | 99.9 | 3.19 | 3.19 | 3.19 | 3.19 | 3.19 | 3.19 | 3.19 | 3.19 | 3.19 | 3.19 | 3.33 | 3.33 | 3.18 | 3.33 |
| | | PPM (%) | 99.999 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.5 | 5.6 |
| Pressure dew-point outlet | °C /°F | | | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 |
| Maximum pressure drop | | PCT (%) | 95 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.9 | 0.9 | NA |
| | | | 99.9 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.5 | 0.6 | 0.6 |
| | | PCT (%) | 99.999 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 |
| Length | mm | | | 775 | 775 | 775 | 775 | 775 | 775 | 1400 | 1400 | 1400 | 1400 | 1400 | 1400 | 1400 | 1400 |
| | Inch | | | 31 | 31 | 31 | 31 | 31 | 31 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| Width | mm | | | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 970 |
| | Inch | | | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 38 |
| Height | mm | | | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 |
| | Inch | | | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 |
| Mass | Kg | | | 264 | 277 | 290 | 326 | 359 | 380 | 619 | 647 | 683 | 736 | 865 | 1038 | 1211 | 1211 |
| | Lbs | | | 582 | 611 | 639 | 719 | 791 | 838 | 1365 | 1426 | 1506 | 1623 | 1907 | 2288 | 2670 | 2670 |
| Inlet and outlet connections | G/NPT | | | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" |

1. Flow is measured at Reference Conditions: 1 bara and 20°C at operating pressure of 7 barg, inlet temperature 20°C & Air Inlet Quality of ISO 8573-1:2010 class 1-4-1

PPNG 6 - 68 S - Nitrogen Generator with Pressure Swing Adsorption Technology

Features & Benefits

- Energy saving control
- Outstanding air factors thanks to back-flow pressurization
- High-quality, high-efficient Carbon Molecular Sieves selected for the right application
- Guaranteed purity
 - Zirconia sensors for reliable purity measurement
 - Dedicated high purity variants
 - Purity certificates
- Designed & tested for cyclic load
- Reliable, efficient and low-maintenance angle seat valves
- Carefully designed exhaust silencers resulting in quiet and safe operation of the generator
- Optimal control and monitoring thanks to Purelogic™ Controller

General Specifications

- Pressure Swing Adsorption (PSA) nitrogen generators - extruded profile design
- Nitrogen purity achievable:
95% - 99.9% (PCT Variant) & 99.95%-99.999% (PPM variant)
- Inlet pressure range: 4-13 barg /60-189 psig
- Inlet temperature range: 5-60°C/41-140°F
- Required inlet air quality:
1-4-1 according to ISO 8573-1:2010



Options



Wooden



Flow meter



PDP sensor kit



The PPNG 6-68s series provides an efficient source of nitrogen for use in various industries like food and beverage, pharma, electronics and plastics. PPNG nitrogen generators use Pressure Swing Adsorption technology to extract nitrogen molecules from the compressed air; and can reach purities from 95% up to 99,999%. Nitrogen pressures can go up to 12 barg without the need for an additional booster. The air factors of the PPNG6-68s range are outstanding, making the return on investment very attractive compared to traditional gas supply.

With its PPNG 6-68s series, Pneumatech follows the plug and play philosophy. Pressure vessels, valves, exhaust system, sensors and controls are all integrated within a compact canopy, designed for easy transport, installation and service.

The Purelogic™ is the central brain of the nitrogen generator. It optimizes operating costs thanks to the availability of the energy saving control; ensures maximum reliability by keeping track of the most important parameters of the generator; and offers impressive control and monitoring capabilities.

| Technical specifications for PPNG 6-68 S | | | | | | | | | | | | | | | | | |
|---|---------|---------|--------------------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Specifications | Units | Variant | Product → Purity ↓ | PPNG 6S | PPNG 7S | PPNG 9S | PPNG 12S | PPNG 15S | PPNG 18S | PPNG 22S | PPNG 28S | PPNG 30S | PPNG 37S | PPNG 41S | PPNG 50S | PPNG 63S | PPNG 68S |
| Nominal free nitrogen delivery ⁽¹⁾ | m³/hr | PCT (%) | 95 | 22.3 | 28.8 | 35.2 | 44.7 | 57.5 | 70.3 | 86.3 | 105.5 | 115.0 | 140.7 | 159.7 | NA | NA | NA |
| | | | 99.9 | 5.9 | 7.6 | 9.3 | 11.8 | 15.2 | 18.6 | 22.8 | 27.9 | 30.4 | 37.2 | 45.6 | 55.8 | 59.1 | 64.7 |
| | | | PPM (%) | 1.7 | 2.2 | 2.7 | 3.4 | 4.4 | 5.3 | 7.1 | 8.7 | 9.5 | 11.6 | 14.3 | 17.4 | 20.5 | 23.3 |
| Nominal air consumption ⁽¹⁾ | m³/hr | PCT (%) | 95 | 43.1 | 55.5 | 67.9 | 86.3 | 111.0 | 135.8 | 166.5 | 203.7 | 222.0 | 271.5 | 308.3 | NA | NA | NA |
| | | | 99.9 | 23.9 | 30.8 | 37.7 | 47.9 | 61.6 | 75.3 | 92.4 | 113.0 | 123.2 | 150.7 | 182.5 | 223.3 | 226.8 | 258.6 |
| | | | PPM (%) | 11.5 | 14.8 | 18.1 | 22.9 | 29.5 | 36.1 | 47.4 | 58.0 | 63.2 | 77.3 | 93.4 | 114.2 | 122.4 | 152.3 |
| Air Factor | - | PCT (%) | 95 | 1.93 | 1.93 | 1.93 | 1.93 | 1.93 | 1.93 | 1.93 | 1.93 | 1.93 | 1.93 | 1.93 | NA | NA | NA |
| | | | 99.9 | 4.05 | 4.05 | 4.05 | 4.05 | 4.05 | 4.05 | 4.05 | 4.05 | 4.05 | 4.05 | 4.00 | 4.00 | 3.84 | 4.00 |
| | | | PPM (%) | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.7 | 6.7 | 6.7 | 6.7 | 6.6 | 6.6 | 6.0 | 6.6 |
| Pressure dewpoint outlet | °C / °F | | | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 |
| Maximum pressure drop | barg | PCT (%) | 95 | 0.8 | 0.8 | 0.8 | 1 | 1 | 1.1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.4 | NA | NA | NA |
| | barg | | 99.9 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.9 | 0.9 | 0.9 | 1 |
| | barg | | 99.999 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 |
| Length | mm | | | 798 | 798 | 798 | 798 | 798 | 798 | 1422 | 1422 | 1422 | 1422 | 1422 | 1422 | 1422 | 1422 |
| | Inch | | | 31 | 31 | 31 | 31 | 31 | 31 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 |
| Width | mm | | | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 970 | 970 | 970 | 970 |
| | Inch | | | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 38 | 38 | 38 | 38 |
| Height | mm | | | 2022 | 2022 | 2022 | 2022 | 2022 | 2022 | 2022 | 2022 | 2022 | 2022 | 2022 | 2022 | 2022 | 2022 |
| | Inch | | | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| Mass | Kg | | | 244 | 257 | 270 | 306 | 339 | 360 | 599 | 627 | 663 | 716 | 805 | 1018 | 1191 | 1191 |
| | Lbs | | | 538 | 567 | 595 | 675 | 747 | 794 | 1321 | 1382 | 1462 | 1579 | 1775 | 2244 | 2626 | 2626 |
| Inlet and outlet connections | G/NPT | | | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" | 1" |

1. Flow is measured at Reference Conditions: 1 bara and 20°C at operating pressure of 7 barg, inlet temperature 20°C & Air Inlet Quality of ISO 8573-1:2010 class 1-4-1

PPNG SKID - High-Pressure Nitrogen Skid

Are you looking for a true plug-and-play solution that delivers on-site nitrogen at the lowest cost?

Pneumatech has developed compact and pre-commissioned skids in two pressure versions.

The 40 barg version offers high-pressure nitrogen for direct use; with the 300 barg version you can fill the skid-mounted cylinders to create your own supply. These bottles can serve as your nitrogen back-up supply, but also allow you to downsize your system in case of fluctuating demand. With its supreme efficiency and reliability, ease of use and small footprint, the high-pressure skid is the ideal solution for laser cutting applications.

Standard solution does not fit for your needs?

Do not worry. We at Pneumatech understand that every case is unique especially with high pressure Nitrogen applications. Therefore Pneumatech offers a tailor made solution just for your application.

Please consult with your local Pneumatech contact for more details.

PPNGs nitrogen generator

1. Guaranteed purity
2. Outstanding air factors
3. Energy saving control
4. Optimal control and monitoring thanks to Purelogic™ controller

4-stage filter train for guaranteed purity and

1. General-purpose and high-efficient oil-coalescing filters, activated carbon tower and high-efficient particle filter
2. Guaranteed air quality of class 1:4:1 (according to ISO8573-1:2010) at the inlet of the nitrogen generator

Variable speed compressor with integrated

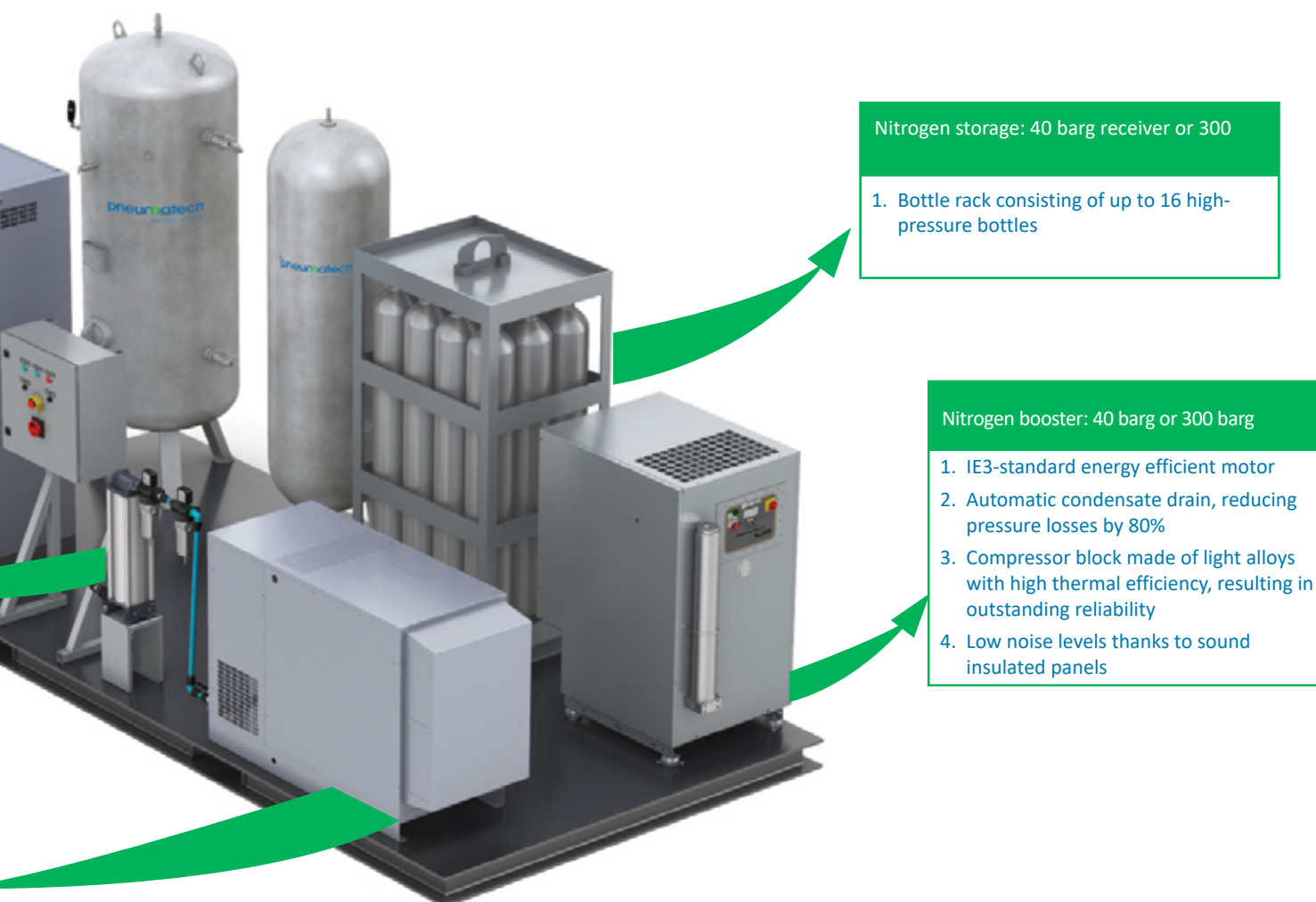
1. Closely follow the air demand by automatic adjustment of the motor speed
2. Direct driven transmission for outstanding energy efficiency and reliability
3. Very quiet operation due to improved noise insulation
4. Compact design, also thanks to integrated refrigerant dryer



Technical specifications for PPNG skid

| Pneumatech variant | | PPNG SKID 1 | PPNG SKID 2 | PPNG SKID 3 | PPNG SKID 4 | PPNG SKID 5 | PPNG SKID 6 | PPNG SKID 7 | PPNG SKID 8 |
|---|--------|----------------------|----------------------|-----------------------|-----------------------|----------------------|---------------------------|---------------------------|---------------------------|
| N ₂ Pressure | | 40 barg | 40 barg | 40 barg | 40 barg | 300 barg | 300 barg | 300 barg | 300 barg |
| N ₂ Capacity ⁽¹⁾ (m ³ /hr) | 99.90% | 10.5 | 21 | 42 | 73.1 | 13.4 | 21 | 42 | 73.1 |
| | 99.99% | 5.3 | 10.5 | 22.1 | 41.1 | 6.7 | 10.5 | 22.1 | 41.1 |
| Compressor with Integrated Dryer | | 8kW | 11kW | 22kW | 36kW | 8kW | 11kW | 22kW | 36kW |
| Filter train | | G-C-VT-D | G-C-VT-D | G-C-VT-D | G-C-VT-D | G-C-VT-D | G-C-VT-D | G-C-VT-D | G-C-VT-D |
| Air receiver | | 500L 11Bar CE Vessel | 500L 11Bar CE Vessel | 1000L 11Bar CE Vessel | 1500L 11Bar CE Vessel | 500L 11Bar CE Vessel | 500L 11Bar CE Vessel | 1000L 11Bar CE Vessel | 1500L 11Bar CE Vessel |
| N ₂ Generator | | PPNG9S PPM IEC | PPNG18S PPM IEC | PPNG37S PPM IEC | PPNG68S PPM IEC | PPNG12S PPM IEC | PPNG18S PPM IEC | PPNG37S PPM IEC | PPNG68S PPM IEC |
| N ₂ Receiver | | 500L 11Bar CE Vessel | 500L 11Bar CE Vessel | 1000L 11Bar CE Vessel | 1500L 11Bar CE Vessel | 500L 11Bar CE Vessel | 500L 11Bar CE Vessel | 1000L 11Bar CE Vessel | 1500L 11Bar CE Vessel |
| Particulate Filter | | D | D | D | D | D | D | D | D |
| N ₂ Booster | | 15 hp 40 barg | 15 hp 40 barg | 15 hp 40 barg | 15 hp 40 barg | 10 hp 300 barg | 10 hp 300 barg | 15 hp 300 barg | 2 x 15 hp 300 barg |
| HP Storage | | 500L/45 barg | 500L/45 barg | 1000L/45 barg | 1000L/45 barg | 2 cylinder 300 barg | 12 cylinder rack 300 barg | 12 cylinder rack 300 barg | 16 cylinder rack 300 barg |

1. Flow specified is at the outlet of the PPNGs Generator measured at Reference Conditions: 1 bara and 20°C at operating pressure of 7 barg, inlet temperature 20°C & Air Inlet Quality of ISO 8573-1:2010 class 1-4-1



Nitrogen storage: 40 barg receiver or 300

1. Bottle rack consisting of up to 16 high-pressure bottles

Nitrogen booster: 40 barg or 300 barg

1. IE3-standard energy efficient motor
2. Automatic condensate drain, reducing pressure losses by 80%
3. Compressor block made of light alloys with high thermal efficiency, resulting in outstanding reliability
4. Low noise levels thanks to sound insulated panels

PPNG 150 - 800 HE - Nitrogen Generators with Pressure Swing Adsorption

Features & Benefits

- Advanced energy saving control
 - Reduced air consumption at low nitrogen demand
 - Also compensates for altering ambient conditions and purity settings
 - No compressed air use when no nitrogen is consumed
- Outstanding air factors thanks to back-flow pressurization
- High-quality, high-efficient Carbon Molecular Sieves selected for the right application
- Guaranteed purity
 - Automatically regulates to the requested nitrogen pressure and purity
 - Zirconia sensors for reliable purity measurement
- Designed & tested for cyclic load
- Optimal control and monitoring thanks to Purelogic™ Controller
 - Self-protective monitoring of the feed air quality
 - Feed-air blow-off in case of contamination

General Specifications

- Nitrogen purity achievable: 95%-99.9% (PCT Variant) & 99.95%-99.999% (PPM variant)
- Inlet pressure range: 5-10 barg/72-150 psig
- Ambient temperature range: 5-50°C/41-122°F
- Required inlet air quality: 1-4-1 according to ISO 8573-1:2010
- Power supply: 230VAC/50-60Hz



Options



Wooden



Outlet PDP sensor



The PPNG150-800 HE series is Pneumatech's premium on-site nitrogen solution for high flows, with best-in-class performance and the most complete scope of supply.

The generator has outstanding air factors at full load thanks to the use of highly efficient Carbon Molecular Sieves (CMS) and back-flow pressurization.

The air consumption is also optimized at reduced

nitrogen flow or pressure demands, thanks to the advanced energy saving algorithm, which automatically adjusts the cycle times of the generator.

The control and monitoring capabilities of the PPNG150-800 HE are truly impressive. Purity is guaranteed at all times by opening the consumer valve only at the requested purity level and flushing nitrogen when purity is not reached.

| Technical specifications for PPNG150 - 800 HE | | | | | | | | | | | | |
|---|--------|---------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Specifications | Units | Variant | Product → Purity ↓ | PPNG 150 HE | PPNG 200 HE | PPNG 250 HE | PPNG 300 HE | PPNG 350 HE | PPNG 400 HE | PPNG 500 HE | PPNG 650 HE | PPNG 800 HE |
| Nominal free Nitrogen deliv- ery ⁽¹⁾ | m³/hr | PCT(%) | 95% | 469 | 604 | 734 | 865 | 1063 | 1244 | 1607 | 2038 | 2592 |
| | | | 99.9% | 169 | 218 | 265 | 312 | 384 | 449 | 580 | 735 | 935 |
| | | PPM | 99.999% | 75 | 96 | 117 | 138 | 169 | 198 | 253 | 321 | 408 |
| Nominal air consumption ⁽¹⁾ | m³/hr | PCT(%) | 95% | 886 | 1142 | 1387 | 1635 | 2010 | 2351 | 3036 | 3852 | 4898 |
| | | | 99.9% | 549 | 708 | 859 | 1013 | 1245 | 1456 | 1881 | 2386 | 3034 |
| | | PPM | 99.999% | 377 | 486 | 590 | 695 | 854 | 999 | 1303 | 1653 | 2102 |
| Air factor | | PCT(%) | 95% | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| | | | 99.9% | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| | | PPM | 99.999% | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.1 | 5.2 | 5.2 | 5.2 |
| Pressure dewpoint outlet (°C) | | °C/°F | | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 |
| Maximum pressure drop (barg) | | PCT(%) | 95-99.9% | 1,5 - 1 | 1,5 - 1 | 1,5 - 1 | 1,5 - 1 | 1,5 - 1 | 1,5 - 1 | 1,5 - 1 | 1,5 - 1 | 1,5 - 1 |
| | | PPM | 99.95% - 99.999% | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| Length | mm | | | 1800 | 1800 | 1800 | 2300 | 2300 | 2300 | 3120 | 3120 | 3120 |
| | Inch | | | 70.9 | 70.9 | 70.9 | 90.6 | 90.6 | 90.6 | 122.8 | 122.8 | 122.8 |
| Width | mm | | | 2230 | 2570 | 2650 | 2720 | 2850 | 2900 | 3660 | 3760 | 3860 |
| | Inch | | | 87.8 | 101.2 | 104.3 | 107.1 | 112.2 | 114.2 | 144.1 | 148.0 | 152.0 |
| Height | mm | | | 2610 | 2640 | 2625 | 3020 | 3050 | 3040 | 3970 | 4175 | 4405 |
| | Inch | | | 102.8 | 103.9 | 103.3 | 118.9 | 120.1 | 119.7 | 156.3 | 164.4 | 173.4 |
| Mass | Kg | | | 3200 | 3800 | 4800 | 6400 | 7000 | 7700 | 10300 | 12000 | 14200 |
| | lbs | | | 7054.8 | 8377.6 | 10582.2 | 14109.6 | 15432.3 | 16975.6 | 22707.6 | 26455.4 | 31305.6 |
| N2 & Air Receiv- er size | liters | | | 3000 | 4000 | 5000 | 6000 | 8000 | 8000 | 12000 | 16000 | 20000 |
| Nitrogen to buf- fer connection | DN | | | 80 | 80 | 80 | 80 | 80 | 80 | 100 | 100 | 100 |
| Nitrogen from buffer connec- tion | DN | PCT(%) | 95-99.9% | 50 | 50 | 50 | 80 | 80 | 80 | 100 | 100 | 100 |
| | DN | PPM | 99.95% - 99.999% | 40 | 40 | 40 | 40 | 40 | 40 | 50 | 50 | 50 |
| Nitrogen outlet connection | DN | PCT(%) | 95-99.9% | 50 | 50 | 50 | 80 | 80 | 80 | 100 | 100 | 100 |
| | DN | PPM | 99.95% - 99.999% | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Waste gas blow-off | mm | | | 315 | 315 | 315 | 400 | 400 | 400 | 600 | 600 | 600 |

PMNG 1-3 - Nitrogen Generator with Membrane Technology

Features & Benefits

- High Quality membrane separator
 - Superior membrane constructed from high quality Aluminum with technically advance fiber.
 - N₂ Generation is achieved without any moving part
 - Outstanding performance for 90-99,5% Nitrogen separation
- Simple, reliable and user friendly
 - All-in-one plug & play solution
 - All filters integrated in enclosed canopy design
 - Instant supply of nitrogen
 - No specialist installation or commissioning
- 3-stage pre-filtration integrated in the canopy
- No power supply required thanks to Pneumatic controlled valves & battery-powered nitrogen analyzer
- Guaranteed purity
 - Nitrogen analyzer (battery powered) with auto-calibration button (optional)
 - Purity controller to ensure constant N₂ purity at all times
- Compressed Air savings when desired purity is reached

General Specifications

- Membrane Nitrogen Generators
- Nitrogen purity achievable: 90%-99.5%
- Inlet pressure range: 4-13 bar/60-189 PSI
- Inlet temperature range: 5-50°C/41-122°C
- Required inlet air quality: 1-4-1 according to ISO 8573-1:2010



Options



Economizer



Nitrogen analyser



Mobile



Pneumatech's new smaller range of PMNG nitrogen generators utilizes proprietary membrane separation technology. Membrane generators are an excellent choice in low (90%) to medium (99.5%) purity applications such as tire inflation, fire prevention, tank blanketing and pipeline drying. Nitrogen pressures can go up to 12 bar (g) without the need for an additional booster.

Engineered for simplicity, durability and ease of

use make the PMNG what we believe to be the most user friendly unit in the market. All pre-filters and controls are included inside the canopy. Only a supply of dry compressed air is needed to get nitrogen at the outlet of the generator. Also the start-up procedure of the PMNG is made so straightforward that it does not require any specialist.

| Technical specifications for PMNG 1-3 | | | | | |
|---------------------------------------|---------------------|----------------------|--------|--------|--------|
| Specifications | Units | Product→ Purity ↓ | PMNG 1 | PMNG 2 | PMNG 3 |
| Nominal air consumption | Nm ³ /hr | 90% | 15.48 | 30.96 | 46.44 |
| | | 95% | 9.72 | 19.44 | 29.16 |
| | | 96% | 9 | 18 | 27 |
| | | 97% | 7.56 | 15.12 | 22.68 |
| | | 98% | 6.84 | 13.68 | 16.92 |
| | | 99% | 6.12 | 12.24 | 18.36 |
| | | 99.5% | 5.76 | 11.52 | 17.28 |
| Nominal free nitrogen delivery | Nm ³ /hr | 90% | 10.08 | 20.16 | 30.24 |
| | | 95% | 4.68 | 9.36 | 14.04 |
| | | 96% | 3.96 | 7.92 | 11.88 |
| | | 97% | 3.24 | 6.48 | 9.72 |
| | | 98% | 2.52 | 5.04 | 7.56 |
| | | 99% | 1.8 | 3.6 | 5.4 |
| | | 99.5% | 1.44 | 2.88 | 4.32 |
| Air factor | - | 90% | 1.5 | 1.5 | 1.5 |
| | | 95% | 2.1 | 2.1 | 2.1 |
| | | 96% | 2.3 | 2.3 | 2.3 |
| | | 97% | 2.3 | 2.3 | 2.3 |
| | | 98% | 2.7 | 2.7 | 2.7 |
| | | 99% | 3.4 | 3.4 | 3.4 |
| | | 99.5% | 4.0 | 4.0 | 4.0 |
| Pressure dewpoint outlet | °C / °F | | -40 | -40 | -40 |
| Length | mm | | 560.0 | 560.0 | 560.0 |
| | Inch | | 22.0 | 22.0 | 22.0 |
| Width | mm | | 285.0 | 285.0 | 285.0 |
| | Inch | | 11.0 | 11.0 | 11.0 |
| Height | mm | | 1150.0 | 1150.0 | 1150.0 |
| | Inch | | 45.0 | 45.0 | 45.0 |
| Mass | Kg | | 60.0 | 62.0 | 65.0 |
| | Lbs | | 132.3 | 136.7 | 143.3 |
| Inlet connections | G | | G1/2" | G1/2" | G1/2" |
| Outlet connections | G | | G1/2" | G1/2" | G1/2" |

1. Flow is measured at reference conditions: 1 Bar(a) and 20°C at operating pressure of 8 bar (g), inlet temperature 20°C & Air Inlet Quality of ISO 8573-1:2010 class1-4-1.

PMNG 5 - 75 S - Nitrogen Generator with Membrane Technology

Features & Benefits

- Energy-saving control
- Proprietary membrane technology ensuring lasting performance
 - No aging
 - No heater
- Guaranteed purity
 - Reliable purity measurement
 - Easy to set up the device for purity levels between 95% and 99.5%
- All-in-one plug & play solution
 - All filters integrated in enclosed canopy design
 - No buffer vessels required
 - Instant supply of nitrogen
 - No specialist installation or commissioning
- Optimal control and monitoring thanks to Purelogic™ Controller

General Specifications

- Membrane Nitrogen Generators
- Nitrogen purity achievable: 95%-99.5%
- Inlet pressure range: 4-13 barg/60-189 psig
- Inlet temperature range: 5-50°C/41-122°F
- Required inlet air quality: 1-4-1 according to ISO 8573-1:2010
- Power supply: 115-230VAC/50-60Hz



Options



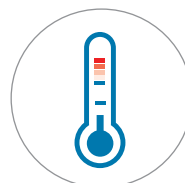
Oil indicator



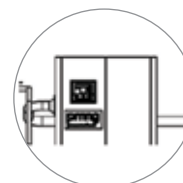
Flow sensor



PDP sensor kit



High ambient temperature



Permeate vent kit



Pneumatech's PMNG nitrogen generators utilize proprietary membrane separation technology. Membrane generators are an excellent choice in low (95%) to medium (99,5%) purity applications such as tire inflation, fire prevention, tank blanketing and pipeline drying. Nitrogen pressures can go up to 12 barg without the need for an additional booster.

With the PMNG, on-site nitrogen supply becomes exceptionally convenient. All pre-filters and controls are included inside the canopy. Only a supply of dry compressed air and electricity is needed to

get nitrogen at the outlet of the generator. An outlet buffer vessel is not required, which results in significant space savings and easy installation. Also the start-up procedure of the PMNG is made so straightforward that it does not require any specialist.

Thanks to the Purelogic™ controller, the PMNG offers impressive control and monitoring capabilities. Various pressure and temperature sensors ensure that the membranes are used in the right working conditions.

| Technical specifications for PMNG 5-75 S | | | | | | | | | |
|---|---------|----------------------|--------|---------|---------|---------|---------|-------------|-------------|
| Specification | Unit | Product→ Purity ↓ | PMNG5s | PMNG10s | PMNG15s | PMNG30s | PMNG45s | PMNG60s | PMNG75s |
| Nominal free nitrogen delivery ⁽¹⁾ | m³/hr | 95% | 11.9 | 24.1 | 42.1 | 83.9 | 126.0 | 168.1 | 209.9 |
| | | 96% | 9.7 | 19.4 | 34.6 | 69.5 | 104.0 | 138.6 | 173.2 |
| | | 97% | 7.6 | 15.1 | 27.4 | 54.7 | 82.1 | 109.1 | 136.4 |
| | | 98% | 5.4 | 10.8 | 19.8 | 40.0 | 59.8 | 79.9 | 99.7 |
| | | 99% | 3.6 | 6.8 | 11.5 | 23.0 | 34.6 | 46.1 | 57.6 |
| | | 99.5% | 2.5 | 5.0 | 7.2 | 14.8 | 22.0 | 29.5 | 36.7 |
| Nominal air consumption ⁽¹⁾ | m³/hr | 95% | 31.0 | 62.3 | 109.1 | 218.5 | 327.6 | 436.7 | 546.1 |
| | | 96% | 29.2 | 58.0 | 104.0 | 208.1 | 311.8 | 415.8 | 519.8 |
| | | 97% | 26.6 | 52.9 | 95.4 | 191.2 | 286.6 | 382.3 | 477.7 |
| | | 98% | 23.4 | 47.2 | 85.7 | 171.7 | 257.4 | 343.1 | 428.8 |
| | | 99% | 22.0 | 43.6 | 72.7 | 145.4 | 218.2 | 291.2 | 364.0 |
| | | 99.5% | 21.6 | 42.8 | 62.6 | 124.9 | 187.6 | 249.8 | 312.5 |
| Air factor | | 95% | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| | | 96% | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 97% | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| | | 98% | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 |
| | | 99% | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| | | 99.5% | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 |
| Pressure dewpoint outlet | °C / °F | | -40 | -40 | -40 | -40 | -40 | -40 | -40 |
| Length | mm | | 820 | 820 | 820 | 820 | 820 | 820 | 820 |
| | inch | | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 |
| Width | mm | | 772 | 772 | 772 | 1470 | 1470 | 1470 | 1470 |
| | inch | | 30.4 | 30.4 | 30.4 | 57.9 | 57.9 | 57.9 | 57.9 |
| Height | mm | | 2090 | 2090 | 2090 | 2090 | 2090 | 2090 | 2090 |
| | inch | | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| Mass | Kg | | 259 | 268 | 285 | 445 | 497 | 535 | 571 |
| | Lbs | | 571 | 590 | 628 | 981 | 1096 | 1179 | 1259 |
| Inlet connections | G/NPT | | 1/2" | 1/2" | 1/2" | 1 1/2" | 1 1/2" | 1 1/2" - 1" | 1 1/2" - 1" |
| Outlet Connections | G/NPT | | 1/2" | 1/2" | 1/2" | 1" | 1" | 1" | 1" |

1. Flow is measured at Reference Conditions: 1 bara and 20°C at operating pressure of 8 barg, inlet temperature 20°C & Air Inlet Quality of ISO 8573-1:2010 class 1-4-1

PPOG 1 - 120 - Oxygen Generator with Pressure Swing Adsorption Technology

Features & Benefits

- Energy saving control
- High-quality, high-efficient zeolite, selected for the right application
- Guaranteed purity
 - Zirconia sensors for reliable purity measurement
- Designed & tested for cyclic load
- Optimal control and monitoring thanks to Purelogic™ Controller

General Specifications

- Pressure Swing Adsorption (PSA) Oxygen Generators - welded vessels
- Oxygen purity achievable: 90%-95%
- Inlet pressure range: 4-7.5 barg /58-109 psig
- Inlet temperature range: 5-45°C/41-113 psig
- Required inlet air quality: 1-4-1 according to ISO 8573-1:2010



Options



Seaworthy packaging



PDP sensor kit



Oxygen



Pneumatech gives oxygen to your business. With the PPOG range, Pneumatech offers an attractive replacement for traditional oxygen supply with very interesting returns on investment. The PPOG1-120 series uses Pressure Swing Adsorption technology to extract oxygen from compressed air, resulting in oxygen purity levels up to 95%.

The PPOG1-120 range is a welded vessel design, designed and tested for cyclic load. The Purelogic™ is the central brain of the generator. It optimizes operating costs thanks to the availability of the energy saving control; ensures maximum reliability by monitoring the most important parameters of

the generator; and offers impressive control and monitoring capabilities.

The calibrated flow meters are part of the standard scope of supply, in order to facilitate the start-up process and to provide transparency of the actual oxygen consumption. The optional oxygen buffer vessel is equipped with a pressure regulator, manometer and dust filter. Each of these components is approved for high-purity oxygen use. The optional inlet pressure dew point sensor provides additional security in case the upstream dryer would fail.

| Technical specifications for PPOG 1-120 | | | | | | | | | | | | | | | | | | | | | | |
|---|---------|----------------------|----------------------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| Specifications | Units | Product→ Purity ↓ | PPOG 1 | PPOG 1.5 | PPOG 2 | PPOG 3 | PPOG 4 | PPOG 5 | PPOG 6 | PPOG 8 | PPOG 11 | PPOG 12 | PPOG 14 | PPOG 17 | PPOG 20 | PPOG 26 | PPOG 33 | PPOG 39 | PPOG 50 | PPOG 63 | PPOG 93 | PPOG 120 |
| Nominal free oxygen delivery ⁽¹⁾ | m³/hr | 90% | 2.0 | 3.1 | 3.8 | 4.6 | 6.6 | 7.9 | 9.7 | 14.2 | 18.5 | 20.3 | 23.4 | 29.3 | 35.1 | 45.3 | 56.0 | 66.1 | 85.5 | 106.8 | 157.7 | 203.5 |
| | | 93% | 1.6 | 2.5 | 3.5 | 4.3 | 5.6 | 7.3 | 9.0 | 13.4 | 18.3 | 19.3 | 21.4 | 27.6 | 33.0 | 42.7 | 51.9 | 64.1 | 79.4 | 101.7 | 154.6 | 188.2 |
| | | 95% | 1.5 | 2.3 | 3.4 | 4.0 | 5.4 | 6.9 | 8.3 | 12.2 | 15.4 | 18.3 | 20.3 | 26.3 | 31.6 | 39.2 | 48.8 | 57.0 | 74.3 | 93.6 | 143.4 | 175.0 |
| Nominal air consumption | m³/hr | 90% | 22.6 | 30.5 | 36.6 | 54.9 | 73.3 | 103.8 | 103.8 | 157.5 | 192.3 | 219.8 | 256.4 | 329.6 | 366.3 | 518.9 | 634.8 | 799.6 | 982.8 | 1245.3 | 1867.9 | 2246.3 |
| | | 93% | 22.0 | 29.9 | 36.0 | 53.7 | 67.1 | 100.7 | 102.6 | 146.5 | 189.2 | 213.6 | 244.2 | 319.9 | 355.3 | 512.8 | 604.3 | 781.3 | 964.5 | 1220.8 | 1953.3 | 2228.0 |
| | | 95% | 21.4 | 28.7 | 35.4 | 51.9 | 65.9 | 97.7 | 102.6 | 140.4 | 170.9 | 207.5 | 238.1 | 313.1 | 347.9 | 500.5 | 586.0 | 763.0 | 915.6 | 1159.8 | 1892.3 | 2197.5 |
| Average air / oxygen ratio | | 90% | 11.1 | 10.0 | 9.7 | 12.0 | 11.1 | 13.1 | 10.7 | 11.1 | 10.4 | 10.8 | 11.0 | 11.3 | 10.4 | 11.5 | 11.3 | 12.1 | 11.5 | 11.7 | 11.8 | 11.0 |
| | | 93% | 13.5 | 11.8 | 10.4 | 12.6 | 12.0 | 13.8 | 11.5 | 10.9 | 10.3 | 11.1 | 11.4 | 11.6 | 10.8 | 12.0 | 11.6 | 12.2 | 12.2 | 12.0 | 12.6 | 11.8 |
| | | 95% | 14.0 | 12.3 | 10.5 | 13.1 | 12.2 | 14.1 | 12.3 | 11.5 | 11.1 | 11.3 | 11.7 | 11.9 | 11.0 | 12.8 | 12.0 | 13.4 | 12.3 | 12.4 | 13.2 | 12.6 |
| Pressure dew- point outlet (°C) | °C / °F | | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 |
| Oxygen outlet quality | | | ISO8573-1:2010 Class 1-2-1 | | | | | | | | | | | | | | | | | | | |
| Length | mm | | 600.0 | 600.0 | 750.0 | 750.0 | 850.0 | 850.0 | 1120.0 | 1120.0 | 1190.0 | 1230.0 | 1230.0 | 1640.0 | 1765.0 | 1960.0 | 1960.0 | 1960.0 | 2470.0 | 2920.0 | 2470.0 | 2920.0 |
| | Inch | | 23.6 | 23.6 | 29.5 | 29.5 | 33.5 | 33.5 | 44.1 | 44.1 | 46.9 | 48.4 | 48.4 | 64.6 | 69.5 | 77.2 | 77.2 | 77.2 | 97.2 | 115.0 | 97.2 | 115.0 |
| Width | mm | | 757.0 | 757.0 | 770.0 | 770.0 | 848.0 | 848.0 | 875.0 | 875.0 | 924.0 | 943.0 | 947.0 | 1108.0 | 1135.0 | 1175.0 | 1175.0 | 1175.0 | 1305.0 | 1440.0 | 2610.0 | 2880.0 |
| | Inch | | 29.8 | 29.8 | 30.3 | 30.3 | 33.4 | 33.4 | 34.4 | 34.4 | 36.4 | 37.1 | 37.3 | 43.6 | 44.7 | 46.3 | 46.3 | 46.3 | 51.4 | 56.7 | 102.8 | 113.4 |
| Height | mm | | 1467.0 | 1489.0 | 1801.0 | 1801.0 | 1630.0 | 1630.0 | 1962.0 | 1962.0 | 2252.0 | 2278.0 | 2678.0 | 2450.0 | 2492.0 | 3094.0 | 3094.0 | 3592.0 | 3097.0 | 3280.0 | 3097.0 | 3280.0 |
| | Inch | | 57.8 | 58.6 | 70.9 | 70.9 | 64.2 | 64.2 | 77.2 | 77.2 | 88.7 | 89.7 | 105.4 | 96.5 | 98.1 | 121.8 | 121.8 | 141.4 | 121.9 | 129.1 | 121.9 | 129.1 |
| Mass | Kg | | 193.8 | 226.8 | 324.8 | 330.6 | 412.6 | 412.6 | 723.0 | 735.0 | 1009.3 | 1192.3 | 1321.2 | 2359.3 | 2632.7 | 3150.0 | 3150.0 | 3681.0 | 4908.0 | 6489.0 | 9746.0 | 12470.0 |
| | Lbs | | 427.3 | 500.0 | 716.1 | 728.9 | 909.6 | 909.6 | 1593.9 | 1620.3 | 2225.1 | 2628.5 | 2912.7 | 5201.4 | 5804.1 | 6944.6 | 6944.6 | 8115.2 | 10820.3 | 14305.8 | 21486.2 | 27491.6 |
| Inlet connections | G/NPT | | G1/2" | G1/2" | G1/2" | G1/2" | G1/2" | G1/2" | G 3/4" | G 3/4" | G1" | G1" | G1" | G1 1/2" | G1 1/2" | DN50 | DN50 | DN50 | DN50 | DN50 | 2xDN50 | 2xDN50 |
| Outlet connections | G/NPT | | G3/8" | G3/8" | G3/8" | G3/8" | G3/8" | G3/8" | G1/2" | G1/2" | G1/2" | G1/2" | G1/2" | G 3/4" | G 3/4" | G 3/4" | G 3/4" | G 3/4" | G 3/4" | G 3/4" | 2xG3/4" | 2xG3/4" |

1. Flow is measured at Reference Conditions: 1 bara and 20°C at operating pressure of compressed air of 6 barg and oxygen pressure at the outlet 4.5 barg, inlet temperature 20°C & Air Inlet Quality of ISO 8573-1:2010 class 1-4-1

Oxygen solutions

Pneumatech offers packaged solutions for on-site oxygen generation, which guarantee peace-of-mind and quick returns compared to traditional oxygen supply.

A typical lineup consists of a compressor, a refrigerant dryer, filters, buffer vessels and a PPOG oxygen generator; and can be completed with a high-pressure oxygen booster and a bottle filling station. These can be containerized or skid-mounted, depending on the application and the needs.



DO YOU KNOW THAT?

Our boosters are available in 3 kW to 15 kW models and can safely and reliably boost oxygen, nitrogen, helium or argon up to 200 barg / 2900 psig. By boosting a gas to these high pressures, you can bottle the gas you generate. This is particularly interesting to cover peak demand or as emergency back-up.



Pneumatech's on-site oxygen systems generate oxygen from 90% up to 95% purity, and are thus compliant with European pharmacopeia and United States Pharmacopeia (USP). Our production locations are moreover certified according to ISO 13485, the international quality management system for medical devices.

Globally present. Globally certified.

Pneumatech was founded in Kenosha, Wisconsin, USA in 1966 and has grown continuously. At the start of this century Pneumatech expanded into compressed air and gas treatment and industrial nitrogen generation markets. It currently has production sites in the USA, Europe and China. In 2010 Pneumatech received ISO 9001 and ISO14001 certification, and OHSAS 18001 certification in 2011.

pneumatech



Piston Compressors



Screw Compressors



Nitrogen & Dryers



Portable Compressors & Generators



Air Tools



Vacuum Pumps

Ash Air: Compressed Air Solutions Specialists

The team at Ash Air is passionate about the performance of their products and services, with more than 40 qualified engineers working throughout the country providing unsurpassed compressed air solutions. We look after New Zealand's air compressors and vacuum pumps, from the smallest to largest companies. 9,500+ businesses have trust us to set-up, upgrade, and look after their compressed air systems.

We are available 24/7 when and where you need us, with 13 strategically located service centres in New Zealand, so you'll never be caught without the back up you need.

