

i-Flow 6XX2

High flow, high purity, expandable nitrogen generation

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Contact us for details



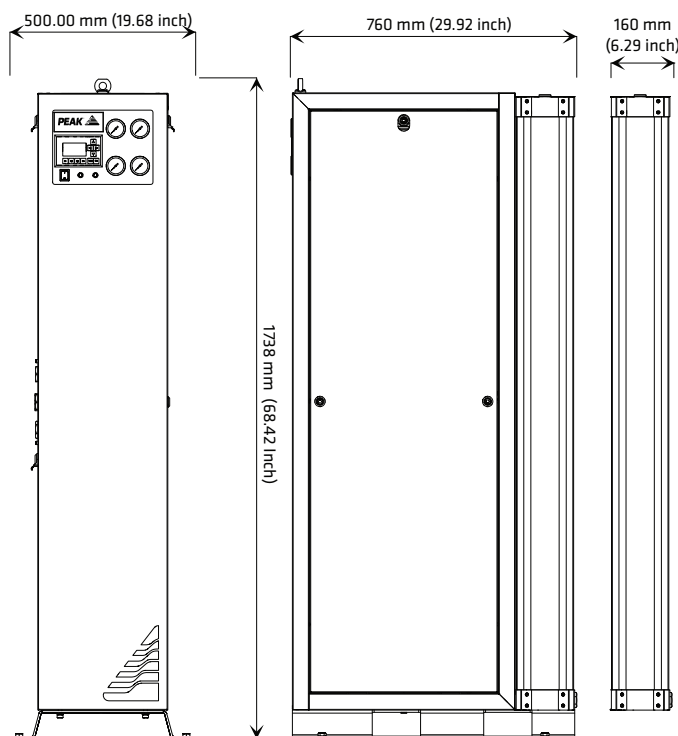
Description

i-Flow nitrogen generators have been engineered by Peak's gas generation specialists to meet the total nitrogen supply needs of manufacturing and processing facilities. Harnessing the latest gas purification technologies, i-Flow 6XX2 delivers nitrogen at flow rates from 30 l/min to 989 l/min and is available in over 100 pre-configured flow and purity specifications. i-Flow is a modular and scalable design with the option to increase the flow rate retrospectively as your nitrogen requirements grow.

The 6XX2 range includes an oxygen analyzer which provides real-time purity monitoring. Integrated with our compressed air pre-filtration system, PureAir, ensures the highest quality nitrogen output by cleaning air before it enters the i-Flow generator.

Applications

- Wine making & production
- Electronics assembly
- Food packaging & storage
- Blow & injection Moulding
- Laser cutting & metal processing
- Blanketing, inerting & purging



i-Flow 6XX2 Dimensions

Key Features

- **Economical & sustainable** - A cost effective solution that eliminates the need for bulk nitrogen gas delivery forever.
- **Expandable on-demand** - i-Flow's space saving, future-proof modular design allows columns & units to be added as your business grows.
- **Energy saving efficiency** - An innovative 'Eco-mode' ensures the lowest running costs by automatically managing production based on your daily demands.
- **Verified industry compliance** - Exceeding standards of EIGA, EC Food Grade, European Pharmacopoeia, JEFCA and US Food & Drug Administration (CFR Title 21) with Peak IQ/OQ certification.
- **Safe on-site supply** - No more health & safety concerns over hazardous truck deliveries or storage of gases in highly pressurized cylinders or tanks.
- **High quality engineering** - Peak is an ISO 9001 certified manufacturer and i-Flow's highly efficient technology requires minimal maintenance or supervision.

Technical Specifications

	LPM *									
Product Name	6012	6022	6032	6042	6052	6062	6072	6082	6092	6102
Oxygen Content 5ppm	30	62	95	113	137	173	199	225	248	278
Oxygen Content 10ppm	40	80	120	150	182	230	265	300	330	370
Oxygen Content 50ppm	58	116	174	230	285	345	400	455	510	565
Oxygen Content 100ppm	65	135	202	270	335	405	462	532	591	644
Oxygen Content 500ppm	89	190	283	362	452	545	634	724	812	900
Oxygen Content 1000ppm	105	205	305	406	508	600	700	795	890	989
Voltage	100-240 VAC +/- 10%									
Frequency	50/60 Hz									
Current	2.0 - 1.0 Amp									
Input Connection	C20 Plug									
Power Cord (Supplied)	C19 Socket to local connection									
Power Consumption	250 Watts									
Operating Temperature	5°C - 50°C / 41°F - 122°F									
Pollution Degree	2									
Installation Category	II									
Width mm (inch)	500 (19.68)									
Height mm (inch)	1738 (68.42)									
Depth mm (inch)	760 (29.92)	920 (36.22)	1080 (42.52)	1240 (42.52)	1400 (55.12)	1560 (61.42)	1720 (67.72)	1880 (74.02)	2040 (80.31)	2200 (86.61)
Weight kg (lbs)	197 (433)	282 (620)	367 (807)	452 (994)	537 (1181)	622 (1368)	707 (1555)	792 (1742)	877 (1929)	962 (2116)
Shipping weight kg (lbs)	277 (609)	364 (801)	452 (992)	538 (1184)	625 (1375)	712 (1566)	799 (1758)	886 (1949)	973 (2141)	1060 (2333)
Noise Level	59dBa @ 1m									

*Performance data is based on 7 bar (G) inlet air pressure and 20 - 25 deg C ambient temperature.

(Flow reference conditions, 20 deg C, 1013 millibar (a), 0% Relative Humidity)

Ordering Information

Part Number	20-6012	20-6022	20-6032	20-6042	20-6052	20-6062	20-6072	20-6082	20-6092	20-6102
Service Kit	08-0318					08-0319				
Complete Plan	09-3707					09-3708				

[PEAK Protected]TM

Peak gas generators define the benchmark in reliability, convenience and performance in facilities around the world, and come backed by a 12 month on-site warranty. Beyond this period however you can ensure that your investment continues to be **[Protected]** by our comprehensive generator care cover.

Our world-class aftercare support packages deliver a program of scheduled preventative maintenance whilst giving you the reassurance of instant access to worldwide technical support and priority on-site response in the untimely event of a breakdown.

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Peak Scientific's Quality Management System conforms to: ISO:9001:2008



FM 515973



Product Certifications

