ULTRAFILTER
THE FILTRATION MANUFACTURER

THE SCANDINAVIAN FILTRATION PARTNER

LIQUID

GAS

STERILE AIR & STEAM

AIR

WWW.ULTRA-FILTER.COM

GAS

GUIDES

Icon Guide

- **Material(s)** *For filter elements this is describing the filter media.*
- **Certificate(s)** *FDA or PED? You find any certificate here.*
- **Flow** *Recommended max. flow unless otherwise described.*
- **Surface Roughness** *The roughness of the filter housing surface. Described in µm.*
- **Dimensions** *For filter elements this describes the length.*
- **Filtration Rate** *The micron rating of the filter element.*
- **Inlet/Outlet Connection** *Refer to the table if the filterhousing has various connection sizes.*
- **Diameter** *The cartridge diameter of filter elements.*
- **Effectivity** *Describes the retention of particles equal to the micron rating.*
- **End Cap** *See guides for overview of end caps.*
- **Pressure** *Recommended max. pressure unless otherwise described.*
- **Differential Pressure** *Recommended max. diff. pressure unless otherwise described.*
- **O-ring Material** *Describes the standard o-ring. We can supply different materials.*
- **Temperature** *Recommended max. temperature unless otherwise described.*
- **Dew Point** *Describes the achievable dew points.*

ULTRAFILTER
THE FILTRATION MANUFACTURER

THE SCANDINAVIAN FILTRATION PARTNER

Ultrafilter Scandinavia offers a wide selection of filtration products for compressed air, liquids and gas. We have stock in Denmark and from here we distribute all of our products to Scandinavia and the Baltic countries.

Ultrafilter Scandinavia is a part of the Ultrafilter Group. Production is in Germany and we have several subsidiaries in Europe and the United States.

In all countries, you can buy our products on local websites. Information about our products as well as brochures and manuals can be found on our website. We can adapt all of our filtration products to your needs, and we offer visits from our consultants in order to find the right solution for you. We also offer on going service on our products once they are installed.

We have many different kinds of compressed air filters that are compatible with compressed air systems of all brands. We also offer compressed air dryers, adsorption and membrane dryers in addition to auto drain compressors, compressed air tanks and oil-water separators. Additionally, we have a sterile compressed air filter for food and beverage applications.

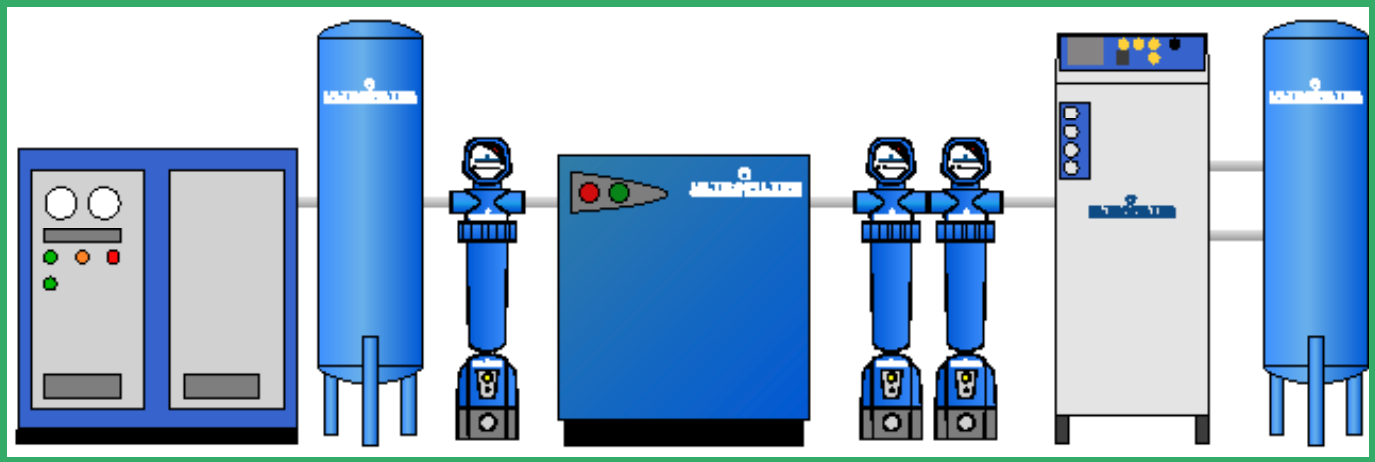
We offer all kinds of filters for liquids such as bag filters, absolute filters and membrane filters, with industrial applications, such as coolant. We have a great deal of experience with filter solutions for the food and beverage industry, and our products are approved by EC 1935/2004 as well as FDA. We also have filters for drinking water.

We have one of the best generators for manufacturing nitrogen and oxygen and for filtering all kinds of gas like methane and bio gas.

Ultrafilter design and manufacture components and systems for the purification of compressed air, technical gases and liquids.

ISO 9001:2015

GAS



GAS GENERATORS

Produce your own nitrogen or oxygen on site

Ultrafilter has one of the best solutions to produce nitrogen and oxygen.

Ultrafilter offers highly economical nitrogen generators and systems from small nitrogen generator units to large tonnage nitrogen plants suitable for refining, chemical processing and other applications. Low investment costs and low energy consumption are benefits of our nitrogen generators, guaranteeing them a solution for every situation.

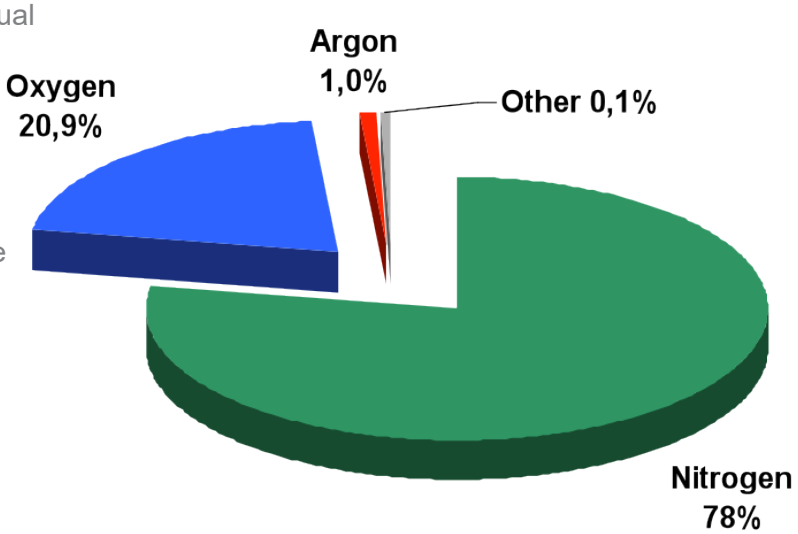
Ultrafilter Nitrogen Generators is a modular system that can be increased as needed and with the option of built-in (O2) oxygen meter.

The system works by PSA principle (Pressure Swing Adsorption). High reliability, low operating costs and long service life, combined with good service, make our plants chosen by more and more customers.

PSA process utilizes CMS (carbon molecular sieve) instead of the zeolite. Because of the adsorptive properties, which are used by CMS Special treated, it is possible to produce nitrogen with 2 adsorption tower and compressed air.

Benefits:

- We offer modular PSA plant which can be expanded by increased demand for nitrogen
- The reliability of operation outstanding (low annual service charges)
- High efficiency (Air / N2)
- PLC control (standard simens)
- Small footprint
- Your own independent supply of nitrogen on site and liberation from the ever escalating costs of nitrogen from industrial gas suppliers
- Savings of over 50% compared to the industrial gas suppliers
- Built-O2 (oxygern) gauge, with the lives of over four years without the need for calibration
- Danish manual and specifications
- Purities from 3% to 99.999% (10 ppm oxygen)
- Remote monitoring and control
- Expected life of the facility in over 10 years



NITROGEN APPLICATIONS

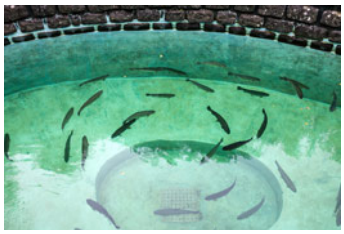
Food & Beverage - Nitrogen is an efficient and cost-effective manner, without the use of additives to stop bacterial growth, reduce oxidation, preserving the taste and consistency, extend product shelf life and improve the visual appeal of freshness. Our nitrogen generators can also be used for modified atmosphere packaging.

Vinification - In order to protect the wine and avoid excessive oxidation, inerting is required.

With nitrogen production on site solutions, Ultrafilter will allow you to control the amount of oxygen in the developing process of your wine and to preserve its quality.

Laser Cutting - The advantages of nitrogen cutting is known for processing SS and aluminum. Today, with the new super-fast motion systems with rapid acceleration and deceleration, it is necessary to use nitrogen as cutting gas, even in mild steel to get the maximum efficiency from the laser cutting machine.

OXYGEN APPLICATIONS



Fish Farms - Ultrafilter offers oxygen production solutions on site for the specific needs of fish farming industry. An oxygen rich environment is necessary to grow healthy fishes.

The addition of oxygen in fish farms pools ensures a proper oxygen balance while fish production density is rising.

Veterinary - Just as healthcare sector, veterinarians need an additional source of oxygen to perform during many operations.

Ultrafilter offers tailored oxygen solutions to suit the needs of veterinarians in oxygen, as OxyModul (page 85).

Mobile and compact, this plug & play oxygen generator is user friendly. It can be moved easily and provides a reliable source of oxygen, up to 93% of purity.

NITROGEN GENERATOR
NS

Technical Data

10 or 12 bar

≤ -40

Features & Benefits

High flow, low air to nitrogen ratio.
Modular design.
Expandable on location.
Siemens PLC S7
Oxygen Analyzer (optional)
Flow Control (optional)
% and PPM versions.

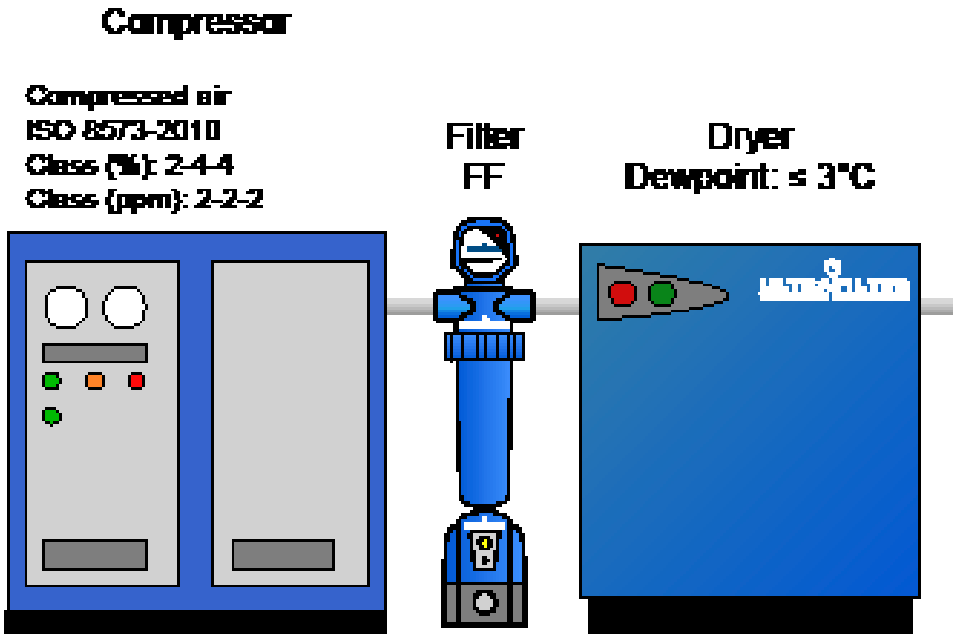
Ultrafilter offers very economical nitrogen (N2) generators and systems.

Ultrafilter Nitrogen generators work by PSA principle (Pressure Swing Adsorption). High reliability, low operating costs and long service life, combined with good service, make our plants chosen by more and more customers.

Our systems produce high quality nitrogen, with impurities being as low as 10 ppm or up to 3%, depending on customer needs.

Model	Nitrogen Production Flow (Nm³/h)								
	10 ppm	50 ppm	100 ppm	500 ppm	0,1%	0,5%	1%	2%	3%
NS-7	2,2	2,9	3,5	4,8	5,7	8,3	10,0	12,2	13,1
NS-14	4,4	5,8	7,0	9,6	11,4	16,5	19,8	24,3	26,1
NS-21	6,6	8,7	10,5	14,4	17,0	24,6	29,6	36,3	39,0
NS-28	8,7	11,5	13,9	19,1	22,5	32,7	39,3	48,1	51,8
NS-37	10,9	14,4	17,3	23,8	28,1	40,7	48,9	59,9	64,5
NS-42	13,0	17,2	20,7	29,4	34,5	48,6	58,4	71,5	77,0
NS-49	15,1	20,1	24,3	33,0	38,9	56,4	67,8	83,1	89,4
NS-56	17,2	22,9	27,7	37,6	44,3	64,2	77,1	94,5	101,7

GENERATOR SETUP



Ultrafilter Skandinavien ApS - +45 82 30 30 20 - info@ultra-filter.com

OXYGEN GENERATOR
OS

Technical Data

10 or 12 bar

≤ -40

Features & Benefits

High flow, low air to oxygen ratio.

Modular design.

Expandable on location.

Siemens PLC S7

Oxygen Analyzer (optional)

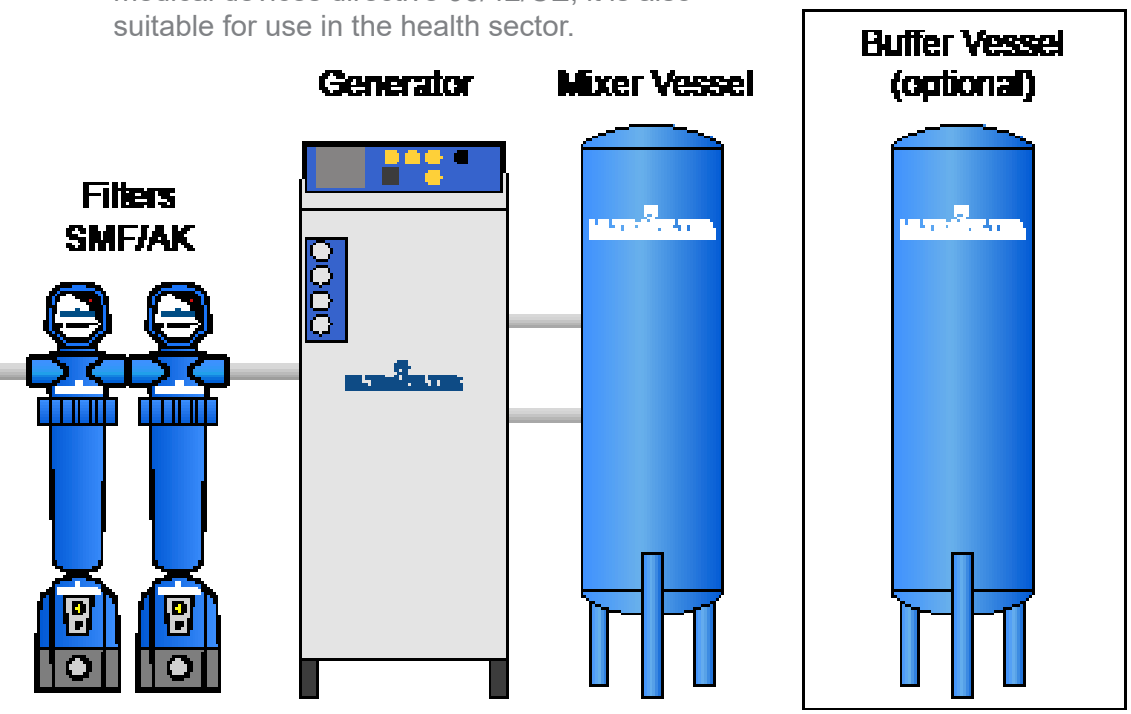
Flow Control (optional)

The air around us is composed of nitrogen (78%) and Oxygen (21%) and small amounts of different gasses and elements. Therefore, it may be economically advantageous to recover oxygen itself for production or treatment.

Ultrafilters Oxygen generator is a modular system that could easily be increased as necessary, in case of an expanded production. The purity of oxygen is continuously monitored by a highly precise analyzer, and you can choose between a purity of 90% or 95%.

When oxygen generator is certified as Class IIB medical devices directive 93/42/CE, it is also suitable for use in the health sector.

Model	Oxygen Production Flow (Nm³/h)		
	90 vol. %	93 vol. %	95 vol. %
OS-8	2,6	2,6	2,5
OS-16	5,3	5,2	5,1
OS-24	8,0	7,8	7,6
OS-32	10,6	10,3	10,1
OS-40	13,1	12,8	12,5
OS-48	15,6	15,1	14,9



COMPACT NITROGEN GENERATOR

NitroModule

Technical Data

- 10 bar
- -40 °C
- 0,5 m³/h - 3,8 m³/h
- 99% - 99,65%
- <65 dB (A)
- +5 °C to +40 °C (protected enviroment)

The membrane air separation process of the membrane generators is based on the principle of selective gas permeation. The module in which the nitrogen and oxygen separation takes place is a cylindrical bundle of hollow fiber membranes.

Each bundle contains several million fibers, each about the size of a human hair. Pressurized air enters one end of the fibers and flows to the opposite end on the module through the fiber bores. Gas separation takes place as the pressurized air contacts the membranes. “Fast” gases such as oxygen, carbon dioxide, and water vapor quickly permeate through the fiber walls and exit as an enriched gas at the vent port on the side of the module case.

Nitrogen, a slower gas, does not permeate through the fiber as quickly under flowing conditions. It flows down the bore of the fibers and exits at the product manifold at the end of the high-pressure shell.

Model	Nitrogen Production Flow (Nm³/h)						
	Oxygen Content	0,35%		0,5%		1%	
	Feed Air Pressure	7,5	10	7,5	10	7,5	10
NitroModule 1	Nitrogen Flow	0,5	0,6	0,6	0,7	0,9	1,1
	Nitrogen Pressure	6,6	8,6	6,4	8,4	6,2	8,2
	Feed air consumption	5,2	5,9	5,4	6,1	5,8	6,8
NitroModule 2	Nitrogen Flow	1,0	1,2	1,1	1,4	1,8	2,2
	Nitrogen Pressure	6,5	8,5	6,3	8,3	6,1	8,1
	Feed air consumption	10,4	11,8	10,8	12,2	11,6	13,6
NitroModule 3	Nitrogen Flow	2,0	2,7	2,1	3,0	2,7	3,8
	Nitrogen Pressure	6,4	8,4	6,2	8,2	6	8
	Feed air consumption	8,3	10	8,6	10,3	8,3	11,2

Applications

- Chemical Blanketing
- Gas assisted injection moulding (GAIM)
- Flammable liquids inerting
- Centralized heating stations
- Food & Beverage inerting
- Metals 3D printing

COMPACT OXYGEN GENERATOR

OxyModule

Technical Data

- 3,8 bar
- <-50 °C
- Up to 20 l/min
- 93% +/- 3%
- 58 dB (A)
- +5 °C to +35 °C (Indoor enviroment)

Features & Benefits

Plug & Play oxygen generator

Built-in compressor

Ultrafilter OxyModul is an all-included oxygen generator based on the PSA (Pressure Swing Adsorption) technology.

Ready to be connected to power supply and functioning with ON/OFF switch on a fully automatic mode, this on-site production system is particularly easy to operate and an ideal alternative to oxygen cylinders.

It can be connected directly to an anesthesia machine & recovery ventilator through an oxygen outlet onto the front panel, or used as main oxygen supply for healthcare facilities with a small piping network.

OxyModul is also appropriate to provide medical oxygen to several patients under oxygenotherapy.

Applications

- Small healthcare facilities with a small piping network
- Facilities with no piping system
- Anaesthesia and recovery ventilators
- Oxygen cylinders filling at 150bar for capacities of 5 to 20 litres (with OxyPlus Technologies cylinder filling systems)

Medical Quality

OxyModul generators are CE marked as Medical Devices, class IIb and comply with all medical oxygen standards and regulations: ISO 10083, ISO 7396-1, Oxygen 93%* Monograph of European and United States Pharmacopeias, HTM 02-01.

Model	Oxygen Flow	Oxygen Pressure	Dimensions (cm)			Weight
			Width	Depth	Height	
OxyModul 10	10 l/min	3,8 bar	40	42	106	60 kg
OxyModul 20	20 l/min	3,8 bar	40	60	110	130 kg

TWIN TOWER NITROGEN GENERATOR

Ultra-Gen TTN

Technical Data

- Nitrogen Pressure: 6 bar
- 0,27 - 5550 m³/h
- 95% - 99,9999%

Minimum inlet pressure: 7 bar

Feed Air ISO 8573 Class: 2.4.1

Produce your own nitrogen with our Twin Tower PSA Nitrogen generators creating high quality nitrogen gases on-site. There will be no need to order in, store and stock check your nitrogen gas cylinders when you can produce your own supply on site.

Our generators are based on the well-known PSA (Pressure Swing Adsorption) technology, which is an air separation technique which will enable you to produce your own nitrogen, using only electricity and atmospheric air. PSA technology can be used in all types of industries.

The capacity ranges from 1 to 5550 m³/h at purities up to 99.9999%.

Low power consumption: From 0,20 kW/m³.

Model	Nitrogen Production Flow (Nm³/h)											
	1 ppm	5 ppm	10 ppm	50 ppm	100 ppm	500 ppm	0,1%	0,5%	1%	2%	3%	5%
TTN10	0,27	0,38	0,43	0,62	0,77	1,36	1,65	2,45	2,95	3,45	3,94	4,92
TTN20	0,69	0,98	1,10	1,58	1,97	3,49	4,24	6,30	6,89	8,86	10,83	13,79
TTN40	1,46	2,08	2,33	3,34	4,16	7,36	8,94	13,31	15,76	19,70	23,64	26,59
TTN70	2,73	3,87	4,34	6,22	7,74	13,71	16,65	24,78	30,04	36,05	42,06	48,07
TTN100	3,92	5,57	6,23	8,94	11,13	19,70	23,93	35,62	38,96	50,09	55,65	66,78
TTN190	7,20	10,23	11,45	16,42	20,45	36,20	43,97	65,45	79,09	100,66	115,04	129,43
TTN280	10,84	14,89	17,93	24,41	27,30	53,78	62,05	86,87	103,42	137,90	165,48	186,16
TTN430	16,55	22,74	27,37	37,26	41,68	82,10	94,73	132,62	170,30	209,60	262,00	294,75
TTN640	28,13	39,84	42,19	51,56	57,80	102,28	120,05	160,97	237,58	303,57	356,36	415,76
TTN880	39,02	55,28	58,53	71,53	80,18	141,90	166,54	223,32	317,16	373,80	453,09	509,72
TTN1250	55,23	78,24	82,84	101,25	113,50	200,85	235,74	316,10	472,79	531,88	679,63	797,83
TTN1500	67,37	95,44	101,06	123,52	138,45	245,01	287,57	385,59	561,43	729,86	864,61	1010,58

TWIN TOWER OXYGEN GENERATOR

Ultra-Gen TTO

Technical Data

- Oxygen Pressure: 4 bar
- 0,69 - 473 m³/h
- 95% - 99,9999%

Minimum inlet pressure: 6 bar

Feed Air ISO 8573 Class: 2.4.1

Produce your own oxygen with our Twin Tower PSA Oxygen generators creating high quality oxygen gases on-site. There will be no need to order in, store and stock check your liquid oxygen tanks when you can produce your own supply on site.

Our generators are based on the well-known PSA (Pressure Swing Adsorption) technology, which is an air separation technique which will enable you to produce your own oxygen, using only electricity and atmospheric air. PSA technology can be used in all types of industries.

The capacity ranges from 2 to 473 m³/h at purities up to 95%.

Low power consumption: From 1,0 kW/m³.

Model	Oxygen Production Flow (Nm³/h)			
	92 vol. %	93 vol. %	94 vol. %	95 vol. %
TTO10	N/A	0,75	0,72	0,69
TTO20	N/A	1,70	1,64	1,58
TTO40	N/A	2,44	2,35	2,27
TTO60	N/A	3,49	3,36	3,23
TTO70	5,61	5,32	4,73	4,43
TTO100	6,21	5,91	5,61	5,32
TTO190	13,00	12,41	12,12	11,23
TTO280	20,39	19,50	18,62	16,84
TTO430	25,04	23,72	22,27	21,09
TTO640	37,43	35,46	33,29	31,52
TTO880	49,25	46,79	44,33	41,86
TTO1250	67,97	64,03	60,09	56,15
TTO1500	78,80	73,88	68,95	64,03

MINI NITROGEN GENERATOR

N2-MINI

Technical Data

Ambient: 5°C - 40°C

230V AC - 2.6 A

Features & Benefits

Duty Cycle: S1 - 100%

Noise Level: Below 60 dB(a)/1m

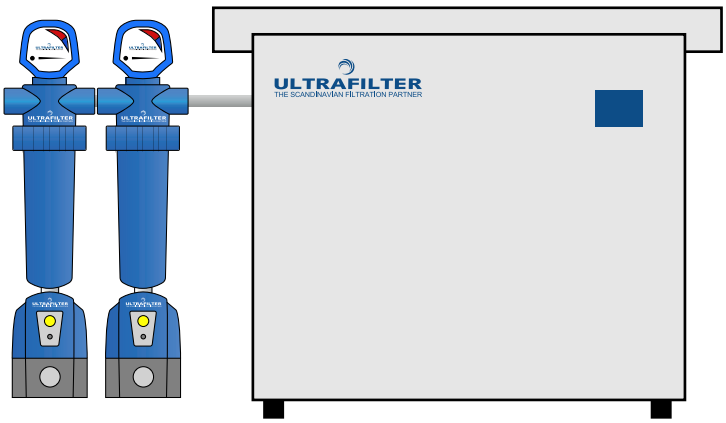
N2-10 includes 6 liter N² holding tank

Feed Air ISO 8573 Class: 2.4.1

The N2 nitrogen generator is a high quality compact nitrogen generator for flow between 10 and 83 l/min.

Wall or floor mount is possible.

The small model N2-10 comes with an integrated long life, oil-free compressor.



Model	Nitrogen Capacity l/min	Nitrogen Pressure bar g	Nitrogen Purity @ 20°C	Feed Air Consumption l/min	Feed Air Pressure bar g	Weight kg	Cabinet Dimensions mm
N2-10	10	6	99,8%	Built-in Compressor	7	52	650 x 550 x 275
N2-15	15	6	99,5%	45	7	45	650 x 550 x 275
N2-30	30	6	99,5%	90	7	48	650 x 550 x 275
N2-40	40	6	99,5%	120	7	75	650 x 800 x 275
N2-80	83	6	99,5%	240	7	115	650 x 1600 x 275


GUIDES

FINDING THE RIGHT SIZE DRYER

The flows mentioned in the dryer tables are based on specific operating conditions.
To calculate the right size dryer you should use the correction factors below.

Refrigeration Dryers

The formular below can be used to calculate the correct capacity of both the UD 50Hz and UD 60Hz.

Flow x K1 x K2 x K3 x K4

Operating Pressure bar (g)	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Correction factor K1	0,71	0,82	0,90	0,96	1,00	1,04	1,07	1,09	1,11	1,13	1,15	1,16	1,18	1,19

Compressed Air Inlet Temperature	30	35	40	45	50	55	60	65	70
Correction factor K2	1,23	1,00	0,81	0,66	0,57	0,52	0,48	0,44	0,40

Ambient Temperature	20	25	30	35	40	45	50
Correction factor K3	1,05	1,00	0,95	0,89	0,84	0,78	0,72

Dewpoint	3	5	7	9
Correction factor K4	1,00	1,24	1,38	1,40

High Pressure Refrigeration

The formular below can be used to calculate the correct capacity of UD HP.

Flow x K1 x K2 x K3 x K4

Operating Pressure bar (g)	25	30	35	40	45	50
Correction factor K1	0,94	0,97	0,99	1,00	1,01	1,01

Compressed Air Inlet Temperature	35	45	70
Correction factor K2	1	0,77	0,46

Ambient Temperature	20	25	30	35	40	45	50
Correction factor K3	1,05	1,00	0,90	0,90	0,84	0,79	0,73

Dewpoint	3	5	7	9
Correction factor K4	1,00	1,12	1,25	1,41

Membrane Dryer

The formular below can be used to calculate the correct capacity of the UFM membrane dryer.

Flow x K1

Operating Pressure bar (g)	4	5	6	7	8	9	10	11	12
Correction factor K1	0,41	0,56	0,76	1,0	1,22	1,48	1,76	1,86	2,22

HeatLess HL

For calculating capacity on our HeatLess HL adsorption dryer, use the correction factor below.

Flow x K1

Correction factor K1		Operating Pressure (bar g)												
		4	5	6	7	8	9	10	11	12	13	14	15	16
Inlet temp. (°C)	35	0,63	0,75	0,88	1,00	1,13	1,25	1,38	1,50	1,55	1,60	1,65	1,70	1,76
	40	0,55	0,66	0,77	0,88	0,99	1,10	1,21	1,32	1,43	1,54	1,65	1,70	1,76
	45 *	0,42	0,50	0,59	0,67	0,76	0,84	0,92	1,01	1,09	1,17	1,26	1,34	1,42
	50 **	0,35	0,41	0,48	0,55	0,62	0,69	0,76	0,83	0,90	0,96	1,03	1,10	1,17

* PDP -25°C **PDP -20°C

VarioBlo

The capacity of the VarioBlo heat regnerated adsorption dryer can be calculated with the formular below.

Flow x K1 (x K2 - For PDP -70°C)

Correction factor K1		Operating Pressure (bar g)						
		4	5	6	7	8	9	10
Inlet temp. (°C)	30	0,71	0,86	1,00	1,15	1,18	1,25	1,37
	35	0,62	0,75	0,87	1	1,12	1,25	1,37
	40	0,38	0,54	0,67	0,82	0,92	1,07	1,21
	43	-	0,33*	0,45**	0,54**	0,61***	0,72	0,80

* PDP -20°C **PDP -25°C ***PDP -30°C

Correction factor K2		Operating Pressure (bar g)						
		4	5	6	7	8	9	10
Inlet temp. (°C)	30	-	0,90	0,90	0,80	0,80	0,80	0,80
	35	-	0,80	0,80	0,80	0,80	0,80	0,80
	40	-	-	-	-	-	0,70	0,70

WATER CONTENT IN AIR

The table below shows the water content in compressed air at different temperatures. This is useful for calculating the capacity of dryers.

Dew Point °C	g/Nm³	ppm
-100	0,0000111	0,0138
-90	0,0000767	0,0953
-80	0,000434	0,54
-70	0,0027	2,57
-60	0,00857	10,7
-55	0,0166	20,6
-50	0,0317	39,4
-48	0,0399	49,6
-46	0,0507	69,0
-44	0,0642	80,1
-42	0,0816	101,5
-40	0,102	126,9
-38	0,127	158
-36	0,159	197,8
-34	0,197	245
-32	0,244	303
-30	0,301	374
-28	0,371	461
-26	0,454	564
-24	0,554	689
-22	0,675	840
-20	0,816	1015
-19	0,899	1118
-18	0,989	1231
-17	1,09	1356
-16	1,19	1480
-15	1,31	1630
-14	1,43	1779
-13	1,57	1953
-12	1,72	2140
-11	1,80	2338
-10	2,06	2562
-9	2,25	2798
-8	2,45	3047
-7	2,68	3333
-6	2,92	3632
-5	3,18	3955
-4	3,46	4303
-3	3,77	4690
-2	4,10	5100
-1	4,46	5547

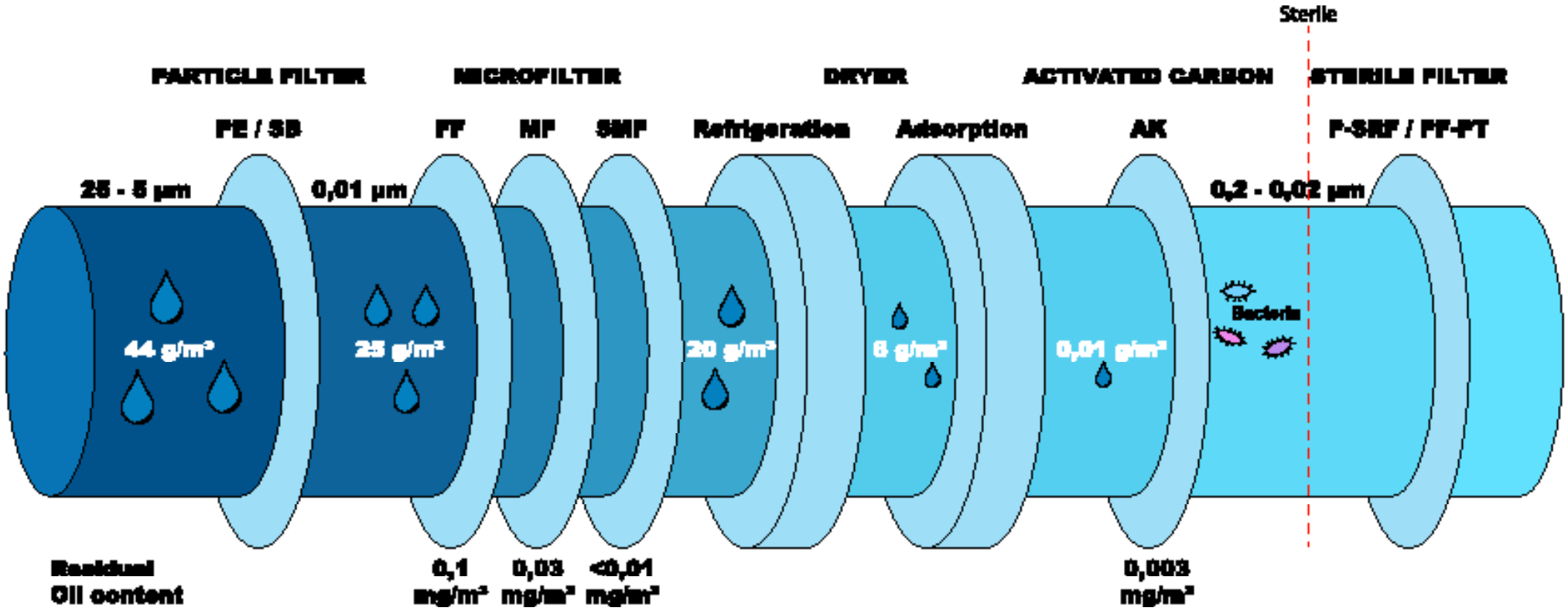
Dew Point °C	g/Nm³	ppm
0	4,84	6020
1	5,21	6480
2	5,59	6953
3	6,02	7487
4	6,45	8022
5	6,91	8595
6	7,41	9216
7	7,94	9875
8	8,51	10584
9	9,10	11318
10	9,74	12114
11	10,4	12935
12	11,1	13806
13	11,9	14800
14	12,7	15796
15	13,5	16791
16	14,4	17885
17	15,4	19030
18	16,4	20396
19	17,4	21641
20	18,5	23020
21	19,7	24502
22	21,0	26120
23	22,3	27736
24	23,7	29477
25	25,1	31219
26	26,7	33209
27	28,3	35200
28	30,0	37312
29	31,8	39551
30	33,6	41791
35	44,6	55472
40	58,5	71761
45	76,0	94527
50	97,8	120399
55	125	155472
60	158	196652
70	247	307212
80	376	467662
90	556	691542

COMPRESSOR CAPACITY

You can use this table to find the compressor capacity and size the filtration accordingly.

m³/h	m³/min	l/sek	cfm	kW	HP
5	0,08	1,39	2,9	0,5	0,7
10	0,17	2,78	5,9	1,1	1,5
15	0,25	4,17	8,8	1,5	2,0
20	0,33	5,56	11,8	2,2	3,0
25	0,42	6,94	14,7	3,0	4,0
35	0,58	9,72	20,6	4,0	5,5
50	0,83	13,89	29,4	5,5	7,5
65	1,08	18,06	38,3	7,5	10
80	1,33	22,22	47,1	9,0	
100	1,67	27,78	58,9	11,0	15
125	2,08	34,72	73,6	13,0	
150	2,50	41,67	88,3	15,0	20
175	2,92	48,61	103,0	15,0	25
225	3,75	62,50	132,4	22,0	30
300	5,00	83,33	176,6	30,0	40
375	6,25	104,17	220,7	37,0	50
450	7,50	125,00	264,9	45,0	60
550	9,17	152,78	323,7	55,0	75
650	10,83	180,56	382,6	65,0	85
750	12,50	208,33	441,4	75,0	100
850	14,17	236,11	500,3	90,0	115
1000	16,67	277,78	588,6	90,0	120
1175	19,58	326,39	691,6	110,0	150
1350	22,50	375,00	794,6	132,0	175
1500	25,00	416,67	882,9	160,0	215
1650	27,50	458,33	971,2	160,0	215
1950	32,50	541,67	1147,7	200,0	270
2250	37,50	625,00	1324,3	200,0	270
2750	45,83	763,89	1618,6	250,0	335
3500	58,33	972,22	2060,0	315,0	425
4000	66,67	1111,11	2354,3	400,0	535

COMPRESSED AIR FILTRATION



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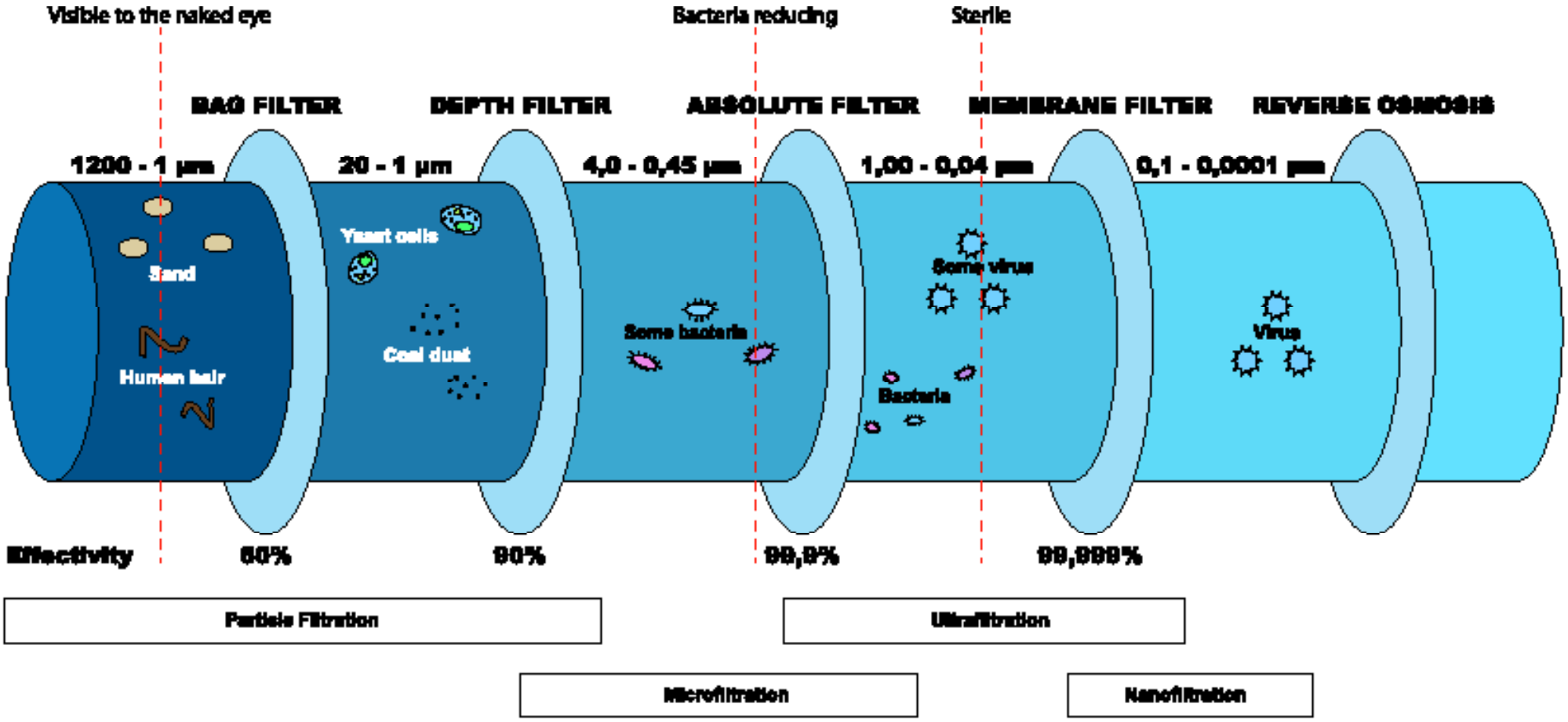
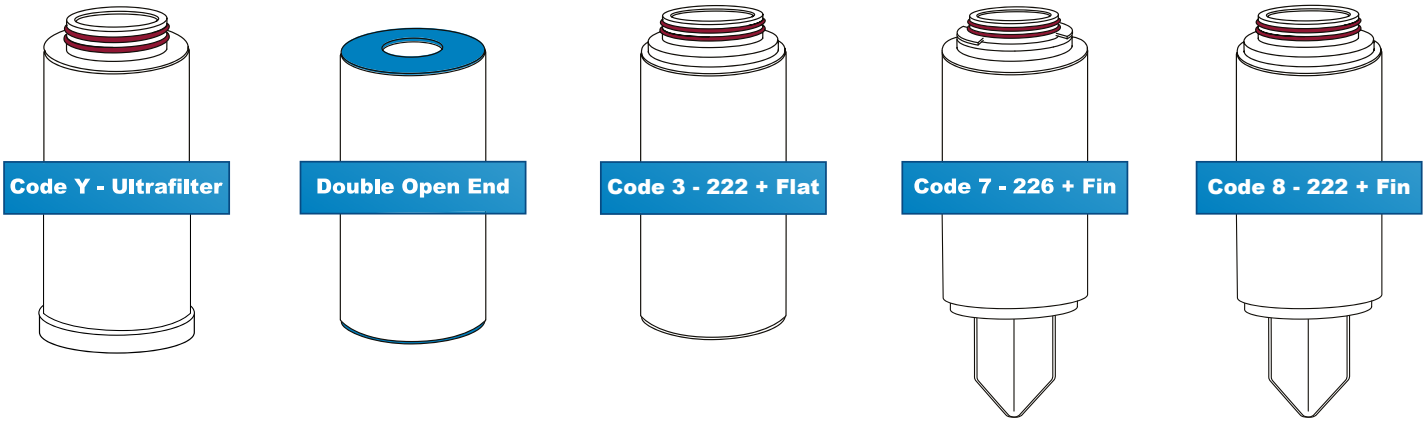


END CAP CONFIGURATIONS

Our proces filter elements are available with a wide range of different end cap configurations. This ensures compatibility with nearly any filter housing and lets us replace elements from other brands.

ULTRAFILTER STANDARD END CAPS



ADITIONAL END CAPS

Configuration name	Top End			Outlet End		
	End Fitting	Seal	Quantity	End Fitting	Seal	Quantity
Code 2	Flat	None		Open with lugs	O-ring 226	2
Code 3	Flat	None		Open	O-ring 222	2
Code 7	Fin	None		Open with lugs	O-ring 226	2
Code 8	Fin	None		Open	O-ring 222	2
Code 9	Recess	None		Flat open	O-ring 213	1
Code 18 (retro fit)	Flat	None		Open	O-ring 222	2
Code 28 (S)	Fin	None		Open with 3 lugs	O-ring 222	2
Code Y (UF)	Flat	None		Open	O-ring BS832	2
N SOE	Recess	None		Flat open	O-ring 213	1
G SOE	Flat	None		Flat open	O-ring BS118	2
G DOE 10”	Flat open	Flat gasket	1	Flat open	Flat gasket	1
DOE 9¾”	Flat open	Flat gasket	1	Flat open	Flat gasket	1

If you don’t find your desired end cap configuration, contact Ultrafilter for availability.

ULTRAFILTER
THE FILTRATION MANUFACTURER

THE SCANDINAVIAN FILTRATION PARTNER

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www.ultra-filter.com

ABOUT US

Ultrafilter Scandinavia offers a wide selection of filtration products for compressed air, liquids and gas. We have stock in Denmark and from here we distribute all of our products to Scandinavia and the Baltic countries.

Ultrafilter Scandinavia is a part of the Ultrafilter group. Our production facility is in Germany and we have several subsidiaries in Europe.

You can buy our products on local websites. Information about our products as well as brochures and manuals can be found on our website (www.ultra-filter.com).

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