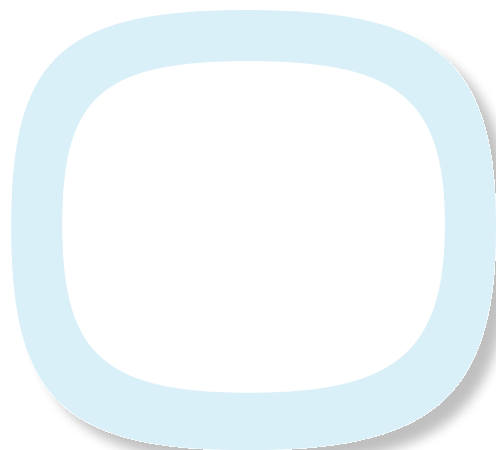


FLAIRMO - GAS GENERATORS & ACCESSORIES

PRODUCT OVERVIEW

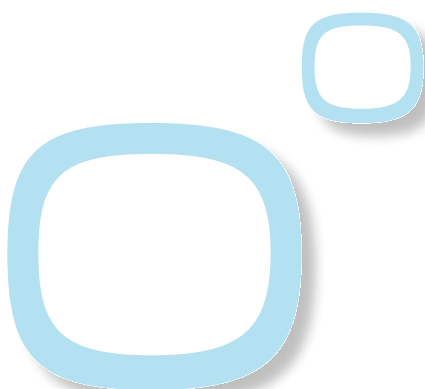




Table of Contents

Gas at your convenience



Internal Air Supply

High quality Nitrogen Generators with integrated long life oil-free compressor.

1



Filters

Filters for removal of bulk liquid, water and oil aerosols.

8



External Air Supply

High quality nitrogen generators for external air supply.

2



Air Dryers

Air Dryers with long lifetime and minimum easy maintenance.

10



Dry Sprinkler

Special designed nitrogen generators for Dry Sprinkler installations.

4



Carbon Towers

Carbon towers for removing hydrocarbons, odours and oil vapor from compressed air.

11



Compressors

Oil-free compressor with high durability and long lifetime.

5



Complete Solution

Including Oil Free Compressors

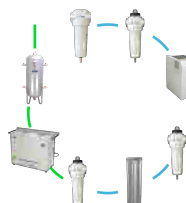
12



N₂ Holding Tanks

Durable internal coated tanks that provides optimal corrosion resistance.

7



Complete Solution

External Air supply for Oil Lubricated Compressors

14



Nitrogen Generators

Internal Air Supply

High quality Nitrogen Generator with integrated long life oil-free compressor. Different N₂ purity and flow possibilities, that fits your application.



N₂G 3C

Nitrogen Capacity	3 NI/min	Weight	28 kg
Nitrogen Purity	99,8 % @ 20 °C	Electrical	230 V AC - 1.6 A 115 V AC - 4.1 A
Compressor	Oil-free & integrated	Ambient operating temp.	5 - 40 °C
N₂ Holding tank	4 Litres in stainless steel	Noise Level	Below 55 dB(A) / 1 m
L x W x H	495 x 275 x 545 mm	Duty Cycle	S1 - 100 %



N₂G 10C

Nitrogen Capacity	10 NI/min	Weight	47 kg
Nitrogen Purity	99,5 % @ 20 °C	Electrical	230 V AC - 2.0 A 115 V AC - 4.7 A
Compressor	Oil-free & integrated	Ambient operating temp.	5 - 40 °C
N₂ Holding tank	6 Litres in stainless steel	Noise Level	Below 55 dB(A) / 1 m
L x W x H	650 x 275 x 550 mm	Duty Cycle	S1 - 100 %



N₂G 15C

Nitrogen Capacity	10 NI/min	Weight	52 kg
Nitrogen Purity	99,8 % @ 20 °C	Electrical	230 V AC - 2.6 A 115 V AC - 5.1 A
Compressor	Oil-free & integrated	Ambient operating temp.	5 - 40 °C
N₂ Holding tank	6 Litres in stainless steel	Noise Level	Below 60 dB(A) / 1 m
L x W x H	650 x 275 x 550 mm	Duty Cycle	S1 - 100 %



N₂G 40C

Nitrogen Capacity	40 NI/min	Weight	110 kg
Nitrogen Purity	99,5 % @ 20 °C	Electrical	230 V AC - 6.5 A
Compressor	Oil-free & integrated	Ambient operating temp.	5 - 40 °C
N₂ Holding tank	6 Litres in stainless steel	Noise Level	Below 55 dB(A) / 1 m
L x W x H	615 x 630 x 860 mm	Duty Cycle	S1 - 100 %

*Different flow and purity possibilities available on request



Nitrogen Generators

External Air Supply

High quality nitrogen generator for external air supply.
Different N₂ purity and flow possibilities, that fits your application.



N₂G 15

Nitrogen Capacity	15 NI/min	Electrical	230 V AC - 0.3 A 115 V AC - 0.6 A
Nitrogen Purity	99,5 % @ 20 °C	Ambient operating temp.	5 - 40 °C
L x W x H	650 x 275 x 550 mm	Noise Level	Below 50 dB(A) / 1 m
Weight	45 kg	Duty Cycle	S1 - 100 %
Oil-free air supply	45 l/min@ 7 bar (ISO 8573 Class 2.4.1)		



N₂G 30

Nitrogen Capacity	30 NI/min	Electrical	100 - 230 V AC - 0.3 A
Nitrogen Purity	99,5 % @ 20 °C	Ambient operating temp.	5 - 40 °C
L x W x H	650 x 275 x 550 mm	Noise Level	Below 50 dB(A) / 1 m
Weight	60 kg	Duty Cycle	S1 - 100 %
Oil-free air supply	90 l/min@ 7 bar (ISO 8573 Class 2.4.1)		



N₂G 40

Nitrogen Capacity	40 NI/min	Electrical	100 - 230 V AC - 0.3 A
Nitrogen Purity	99,5 % @ 20 °C	Ambient operating temp.	5 - 40 °C
L x W x H	650 x 275 x 800 mm	Noise Level	Below 50 dB(A) / 1 m
Weight	75 kg	Duty Cycle	S1 - 100 %
Oil-free air supply	120 l/min@ 7 bar (ISO 8573 Class 2.4.1)		



N₂G 80

Nitrogen Capacity	80 NI/min (4,8 Nm ³ /hr)	Electrical	100 - 230 V AC - 0.3 A
Nitrogen Purity	99,5 % @ 20 °C	Ambient operating temp.	5 - 40 °C
L x W x H	650 x 275 x 1600 mm	Noise Level	Below 50 dB(A) / 1 m
Weight	115 kg	Duty Cycle	S1 - 100 %
Oil-free air supply	240 l/min@ 7 bar (ISO 8573 Class 2.4.1)		

*Different flow and purity possibilities available on request



Nitrogen Generators

External Air Supply

High quality nitrogen generator for external air supply.
Different N₂ purity and flow possibilities, that fits your application.



N₂G 160

Nitrogen Capacity	160 NI/min (9.6 Nm ³ /hr)	Electrical	100 - 230 V AC - 0.3 A
Nitrogen Purity	99,5 % @ 20 °C	Ambient operating temp.	5 - 40 °C
L x W x H	650 x 450 x 1600 mm	Noise Level	Below 50 dB(A) / 1 m
Weight	230 kg	Duty Cycle	S1 - 100 %
Oil-free air supply	480 l/min@ 7 bar (ISO 8573 Class 2.4.1)		



Nitrogen Generators

Dry Sprinkler



High quality nitrogen generator with integrated long-life oil-free compressor. Special designed for Dry Sprinkler installations.

DS 2000

Air/Nitrogen Capacity	90 NI/min / 10 NI/min	Weight	100 kg
Nitrogen Purity	98 - 99,5 % @ 20 °C	Electrical	230 V AC - 6.5 A
Compressor	Oil-free & integrated	Ambient operating temp.	5 - 40 °C
N₂ Holding tank	6 Litres in stainless steel	Noise Level	Below 53 dB(A) / 1 m
L x W x H	615 x 630 x 860 mm	Duty Cycle	S1 - 100 %



DS 4000

Air/Nitrogen Capacity	180 NI/min / 20 NI/min	Weight	110 kg
Nitrogen Purity	98 - 99,5 % @ 20 °C	Electrical	230 V AC - 6.5 A
Compressor	Oil-free & integrated	Ambient operating temp.	5 - 40 °C
N₂ Holding tank	6 Litres in stainless steel	Noise Level	Below 55 dB(A) / 1 m
L x W x H	615 x 630 x 860 mm	Duty Cycle	S1 - 100 %



DS 6000

Air/Nitrogen Capacity	270 NI/min / 20 NI/min	Weight	130 kg
Nitrogen Purity	98 - 99,5 % @ 20 °C	Electrical	230 V AC - 11.5 A
Compressor	Oil-free & integrated	Ambient operating temp.	5 - 40 °C
N₂ Holding tank	6 Litres in stainless steel	Noise Level	Below 58 dB(A) / 1 m
L x W x H	615 x 630 x 860 mm	Duty Cycle	S1 - 100 %



Compressors

Oil-free compressor with high durability and long lifetime for demanding applications.



A100.25

Voltage / Frequency	230V / 50-60Hz	L x W x H	630 x 250 x 670 mm
Motor	1.2 HP / 0.92 kW	Tank Size	25 L
Max Current Consumption	4.9 A	Duty Cycle	S1 - 100 %
Max Pressure	10 Bar / 145 Psi	Weight	36 Kg
Inlet flow rate @ 0 bar	105 l/min	Noise Level	66 dB(A) / 1m
Outlet flow rate @ 5 bar	75 l/min	Dew Point	Oil-Free without dryer



A100.25S

Voltage / Frequency	230V / 50-60Hz	L x W x H	615 x 630 x 860 mm
Motor	1.2 HP / 0.92 kW	Tank Size	25 L
Max Current Consumption	4.9 A	Duty Cycle	S1 - 100 %
Max Pressure	10 Bar / 145 Psi	Weight	100 Kg
Inlet flow rate @ 0 bar	105 l/min	Noise Level	54 dB(A) / 1m
Outlet flow rate @ 5 bar	75 l/min	Dew Point	Oil-Free without dryer



A200.25

Voltage / Frequency	230V / 50Hz	L x W x H	630 x 250 x 670 mm
Motor	1.89 HP / 1.37 kW	Tank Size	25 L
Max Current Consumption	6.3 A	Duty Cycle	S1 - 100 %
Max Pressure	10 Bar / 145 Psi	Weight	47 Kg
Inlet flow rate @ 0 bar	200 l/min	Noise Level	71 dB(A) / 1m
Outlet flow rate @ 5 bar	145 l/min	Dew Point	Oil-Free without dryer



A200.25S

Voltage / Frequency	230V / 50Hz	L x W x H	615 x 630 x 860 mm
Motor	1.89 HP / 1.37 kW	Tank Size	25 L
Max Current Consumption	6.3 A	Duty Cycle	S1 - 100 %
Max Pressure	10 Bar / 145 Psi	Weight	110 Kg
Inlet flow rate @ 0 bar	200 l/min	Noise Level	56 dB(A) / 1m
Outlet flow rate @ 5 bar	145 l/min	Dew Point	Oil-Free without dryer



Compressors

Oil-free compressor with high durability and long lifetime for demanding applications.



A400.90

Voltage / Frequency	230V / 50Hz	L x W x H	1100 x 480 x 860 mm
Motor	3.78 HP / 2.74 kW	Tank Size	90 L
Max Current Consumption	12.6 A	Duty Cycle	S1 - 100 %
Max Pressure	10 Bar / 145 Psi	Weight	110 Kg
Inlet flow rate @ 0 bar	400 l/min	Noise Level	74 dB(A) / 1m
Outlet flow rate @ 5 bar	290 l/min	Dew Point	Oil-Free without dryer



A400.25S

Voltage / Frequency	230V / 50Hz	L x W x H	1100 x 450 x 800 mm
Motor	3.78 HP / 2.74 kW	Tank Size	25 L
Max Current Consumption	12.6 A	Duty Cycle	S1 - 100 %
Max Pressure	10 Bar / 145 Psi	Weight	145 Kg
Inlet flow rate @ 0 bar	400 l/min	Noise Level	58 dB(A) / 1m
Outlet flow rate @ 5 bar	290 l/min	Dew Point	Oil-Free without dryer



A600.90

Voltage / Frequency	400V / 50Hz	L x W x H	1100 x 480 x 860 mm
Motor	5.67 HP / 4.2 kW	Tank Size	90 L
Max Current Consumption	6.3 A	Duty Cycle	S1 - 100 %
Max Pressure	10 Bar / 145 Psi	Weight	140 Kg
Inlet flow rate @ 0 bar	600 l/min	Noise Level	75 dB(A) / 1m
Outlet flow rate @ 5 bar	420 l/min	Dew Point	Oil-Free without dryer



A800.90

Voltage / Frequency	400V / 50Hz	L x W x H	1100 x 480 x 860 mm
Motor	7.56 HP / 5.5 kW	Tank Size	90 L
Max Current Consumption	8.5 A	Duty Cycle	S1 - 100 %
Max Pressure	10 Bar / 145 Psi	Weight	170 Kg
Inlet flow rate @ 0 bar	800 l/min	Noise Level	77 dB(A) / 1m
Outlet flow rate @ 5 bar	560 l/min	Dew Point	Oil-Free without dryer



Holding Tanks

Durable internal coated tanks there provides optimal corrosion resistance, and secures maximum nitrogen quality.



N₂ Holding Tank 25l

Capacity	25l	L x W x H	630 x 250 x 320 mm
Pressure	11 bar	Weight	14 kg
Connection	incl. fittings/on request	Type	Horizontal
Coating	Outside & Inside	Colour	Grey / Ral 9006



N₂ Holding Tank 90l H

Capacity	90l	L x W x H	1100 x 360 x 470 mm
Pressure	11 bar	Weight	35 kg
Connection	incl. fittings/on request	Type	Horizontal
Coating	Outside & Inside	Colour	Grey / Ral 9006



N₂ Holding Tank 90l V

Capacity	90l	L x W x H	615 x 630 x 1120 mm
Pressure	11 bar	Weight	30 kg
Connection	incl. fittings/on request	Type	Vertical
Coating	Outside & Inside	Colour	Grey / Ral 9006



N₂ Holding Tank Battery 540l

Capacity	6x90l	L x W x H	1150 x 720 x 1550 mm
Pressure	11 bar	Weight	210 kg
Connection	incl. fittings/on request	Type	Horizontal
Coating	Outside & Inside	Colour	Grey / Ral 9006

*Other Tank sizes and combinations are possible on request



Filters

Filters for removal of bulk liquid, water and oil aerosols, atmospheric dirt and solid particles, rust, oil vapor, and micro-organisms



Water Separator Filter

Filter Type	Water Separator	Drain	Float Drain
Maximum flow rate	600 l/min @ 7 Bar	Connection	3/8 BSPP Inch
Operating Pressure	1 - 16 Bar	L x W x H	66 x 76 x 311 mm
Operating Temperature	1,5 - 80 °C	Weight	0.61 kg
Min. Service Interval	12 Months		



OX 1µ Filter

Filter Type	Coalescing	Drain	Float Drain
Maximum flow rate	600 l/min @ 7 Bar	Connection	3/8 BSPP Inch
Operating Pressure	1 - 16 Bar	L x W x H	65 x 76 x 180 mm
Operating Temperature	1,5 - 80 °C	Weight	0.61 kg
Min. Service Interval	12 Months		



OX 0.01µ Filter

Filter Type	Coalescing	Drain	Float Drain
Maximum flow rate	600 l/min @ 7 Bar	Connection	3/8 BSPP Inch
Operating Pressure	1 - 16 Bar	L x W x H	65 x 76 x 180 mm
Operating Temperature	1,5 - 80 °C	Weight	0.61 kg
Min. Service Interval	12 Months		



OX AC Filter

Filter Type	Oil Vapour Removal	Drain	Ø
Maximum flow rate	600 l/min @ 7 Bar	Connection	3/8 BSPP Inch
Operating Pressure	1 - 20 Bar	L x W x H	65 x 76 x 180 mm
Operating Temperature	1,5 - 30 °C	Weight	0.60 kg
Min. Service Interval	12 Months		



Filters

Filters for removal of bulk liquid, water and oil aerosols, atmospheric dirt and solid particles, rust, oil vapor, and micro-organisms



OX Combi Filter

Filter Type	Coalescing, Oil Vapour Removal		
Maximum flow rate	400 l/min @ 7 Bar	Drain	Float Drain
Operating Pressure	1 - 16 Bar	Connection	3/8 BSPP Inch
Operating Temperature	1,5 - 50 °C	L x W x H	65 x 76 x 311 mm
Min. Service Interval	12 Months	Weight	0.80 kg



Air Dryers

Refrigerated air dryers have incorporated several unique design features to give a long lifetime with minimum and easy maintenance.



RAD 200

Outlet pressure dew point of 3 °C	200 l/min	Power Consumption	180 W
Inlet air temperature	5 - 50 °C	Circuit breaker	5 Amp
Inlet air pressure Min - Max	1.5 - 10 Bar	Noise Level	50 dB(A) / 1m
Ambient temperature	2 - 40 °C	Connection	3/8 Inch
Power source	230 V	L x W x H	410 x 226 x 473 mm
Current	1.2 Amp	Weight	18 kg



RAD 400

Outlet pressure dew point of 3 °C	400 l/min	Power Consumption	180 W
Inlet air temperature	5 - 50 °C	Circuit breaker	5 Amp
Inlet air pressure Min - Max	1.5 - 10 Bar	Noise Level	50 dB(A) / 1m
Ambient temperature	2 - 40 °C	Connection	1/5 Inch
Power source	230 V	L x W x H	453 x 270 x 498 mm
Current	1.2 Amp	Weight	22 kg



RAD 600

Outlet pressure dew point of 3 °C	600 l/min	Power Consumption	180 W
Inlet air temperature	5 - 50 °C	Circuit breaker	5 Amp
Inlet air pressure Min - Max	1.5 - 10 Bar	Noise Level	50 dB(A) / 1m
Ambient temperature	2 - 40 °C	Connection	3/4 Inch
Power source	230 V	L x W x H	453 x 270 x 498 mm
Current	1.2 Amp	Weight	23 kg



Carbon Towers

High efficiency activated carbon towers for removing hydrocarbons, odours and oil vapor from compressed air.



ACT 70

Maximum Flow Rate	70 l/min @7 Bar	Connection	3/8 BSPP / On request
Operating Pressure	1 - 10 Bar	L x W x H	180 x 118 x 490 mm
Operating Temperature	5 - 50 °C	Weight	6 kg
Min. Service Interval	12 / 4000 Months / Hours	Inlet Air Quality	Air Dryer & 0,01µ Filter



ACT 125

Maximum Flow Rate	125 l/min @7 Bar	Connection	3/8 BSPP / On request
Operating Pressure	1 - 10 Bar	L x W x H	180 x 118 x 750 mm
Operating Temperature	5 - 50 °C	Weight	8 kg
Min. Service Interval	12 / 4000 Months / Hours	Inlet Air Quality	Air Dryer & 0,01µ Filter



ACT 240

Maximum Flow Rate	240 l/min @7 Bar	Connection	3/8 BSPP / On request
Operating Pressure	1 - 10 Bar	L x W x H	180 x 118 x 1550 mm
Operating Temperature	5 - 50 °C	Weight	15 kg
Min. Service Interval	12 / 4000 Months / Hours	Inlet Air Quality	Air Dryer & 0,01µ Filter



Complete Solution

With Oil Free Compressors

Complete solution for your own supply of N₂ at your demand.

Complete N₂G 15

A100.25	OX 0.01 Filter
Water Separator Filter	N ₂ G 15 99.5%
Rad 200	N ₂ G holding Tank 90l V

Complete N₂G 15 Silent

A100.25S	OX 0.01 Filter
Water Separator Filter	N ₂ G 15 99.5%
RAD 200	N ₂ G holding Tank 90l V

Complete N₂G 30

A200.25	OX 0.01 Filter
Water Separator Filter	N ₂ G 30 99.5%
Rad 200	N ₂ G holding Tank 90l V

Complete N₂G 40

A200.25	OX 0.01 Filter
Water Separator Filter	N ₂ G 40 99.5%
Rad 400	N ₂ G holding Tank 90l V



Complete Solution

With Oil Free Compressors

Complete solution for your own supply of N₂ at your demand.



Complete N₂G 80

A400.90

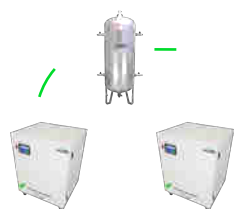
OX 0.01 Filter

Water Separator Filter

N₂G 80 99.5%

Rad 400

N₂G holding Tank 90l V



Complete N₂G 80 Silent

2 x N₂G 40 - A200.6 99.5%

N₂G holding Tank 90l V



Complete N₂G 160

A800.90

OX 0.01 Filter

Water Separator Filter

N₂G 160 99.5%

Rad 600

N₂G holding Tank 90l V



Complete Solution

For Oil Lubricated Compressors

Complete solution for your own supply of N₂ at your demand, that is supplied with external air from your existing oil lubricated compressor.

Complete N₂G 15

Water Separator Filter	ACT 70
OX 0.1 Filter	OX 0.01 Filter
Rad 200	N ₂ G 15 99.5%
OX 0.01 Filter	N ₂ G holding Tank 90l V

Complete N₂G 30

Water Separator Filter	ACT 125
OX 0.1 Filter	OX 0.01 Filter
Rad 200	N ₂ G 30 99.5%
OX 0.01 Filter	N ₂ G holding Tank 90l V

Complete N₂G 40

Water Separator Filter	ACT 125
OX 0.1 Filter	OX 0.01 Filter
Rad 400	N ₂ G 40 99.5%
OX 0.01 Filter	N ₂ G holding Tank 90l V

Complete N₂G 80

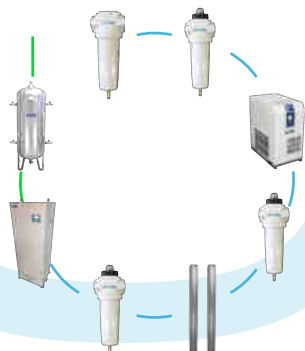
Water Separator Filter	ACT 240
OX 0.1 Filter	OX 0.01 Filter
Rad 400	N ₂ G 80 99.5%
OX 0.01 Filter	N ₂ G holding Tank 90l V



Complete Solution

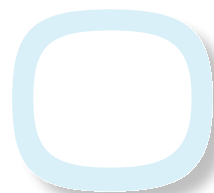
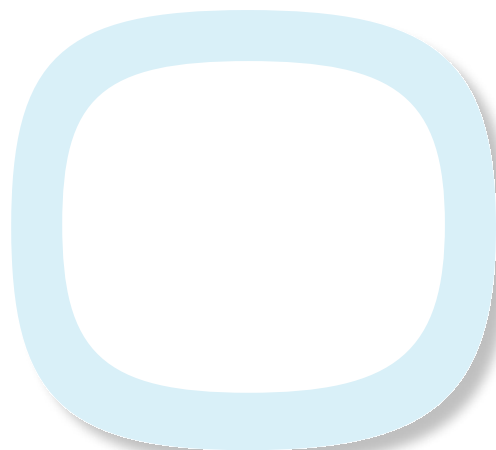
For Oil Lubricated Compressors

Complete solution for your own supply of N₂ at your demand, that is supplied with external air from your existing oil lubricated compressor.

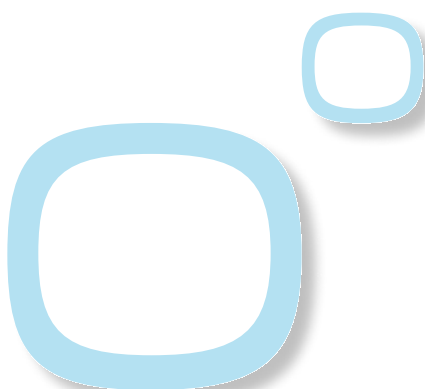


Complete N₂G 160

Water Separator Filter	2 x ACT 240
OX 0.1 Filter	OX 0.01 Filter
Rad 600	N ₂ G 160 99.5%
OX 0.01 Filter	N ₂ G holding Tank 90l V



Gas at your convenience



Flairmo ApS

 Lundebergvej 3
9220 Aalborg Ø. Denmark

 +45 53 71 72 20

 info@flairmo.dk

 flairmo-gas.com