



# VarioAir – Medical Suction Solutions Consumables and Accessories

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Whether in the operating room or in the intensive care unit, when it comes to suction, you need high-performance, reliable devices that are simple to operate. VarioAir suction solutions attain completely new standards of performance, safety and quality.

# VarioAir – Medical Suction Solutions

## Powerful suction capacity\*

Max. Vacuum -90 kPa  
Min. Suction low 40 lpm

Universal rail bracket for medical rails (DIN, Fairfield, Carba, Uniflex, Duoflex)

Ergonomic handy wheel with push pull function for one handed operation

## Sustainability

Production in Germany, sourcing from local suppliers in Europe.  
Avoiding materials of concern: Latex-, PVC-, Phthalate- (DEHP or more), BPA-free.  
Corrugated cardboard box with >70% recycled fiber.  
Fully recyclable PE bags.

\* for bronchial suction



Removable and mechanical coded manometer that can be rotated 360°

Integrated pressure relief to avoid pressure increase at the patient side

Integrated sound insulation for max. sound level of 57 dB (A)\*

## VarioSafe filter system

Aerosol and Fluid retention 100 %  
Bacteria retention 99.99997 %  
Virus retention 99.99922 %

Special version for magnetic resonance imaging and for use with oxygen available

# Benefits

## VarioAir

VarioAir assists you during suction by offering:

- a wide range of products for diverse tasks
- ergonomic hand valve for simple, one-handed operation
- integrated sound insulation (max. 57 dB (A))
- integrated pressure relief valve, max. 10 mbar
- removable manometer that can be rotated 360°
- minimum 40 lpm suction flow\*\*
- VarioSafe filter system: safe and hygienic thanks to bacteria (99.99997 %) and virus (99.99922 %) retention\*
- NaCl retention: 99.8900 %\*\*\*
- Special version for magnetic resonance imaging and for use with oxygen available
- universal rail bracket for medical rails (DIN, Fairfield, Carba, Uniflex, Duoflex)

\* according to Nelson Laboratories, Inc., Dec 2020, Salt Lake City, USA

\*\* w/o VarioSafe, w. VarioSafe 36 lpm

\*\*\* according to Dräger Safety, March 2021, EN ISO 23328-1

## Accuracy and durability for long term use

Reliable devices are essential for bronchial suction, pediatric bronchial suction, drainage and thoracic drainage. VarioAir ejectors have been developed especially for these applications. As with all products in the VarioAir line, they have been manufactured precisely and with high-quality material. Every device bears the seal of quality “Made in Germany”.

## Switch on, control, and switch off with just one hand

Even the best technological solution is of little help if it is difficult to operate. An unique ergonomic hand valve is all you need to control the continuous regulation, as well as the on and off switch. This means you always have one hand free for your patient.

## Extract large quantities quickly and quietly

The VarioAir helps you extract large quantities of secretion, blood and other liquids. VarioAir offers a novel 2-level chip ejector. This allows you to extract up to 50 liters per minute\* in no time at all. And all this with very little noise: the integrated sound insulation reduces noise pollution to 57 dB (A).

\*at 5.5 bar operating pressure

## Play it safe with manometer and valve

You can remove and rotate all VarioAir manometers. They can be turned 360 degrees to allow you to read the vacuum setting in any position at the patient's bed. As the manometers are mechanically coded, they cannot be confused or connected incorrectly. Excess pressure is eliminated as soon as it occurs: VarioAir is equipped as standard with an integrated pressure relief valve (max. 10 mbar).

# Benefits

## VarioSafe: germs simply eliminated

The VarioSafe filter system is proven to retain germs: 99.99997 % of bacteria and 99.99922 %\* of viruses. When combined with the VarioSafe you are, therefore, not only protecting your VarioAir device, but also your environment. The VarioSafe filter system has been especially developed for the VarioAir product range and subjected to extensive testing.

\* according to Nelson Laboratories, Inc., Dec 2020, Salt Lake City, USA

## Helping to shape a more sustainable future

As a manufacturer of medical technology for over 130 years, we are committed to providing excellence in the quality of our products. And we are also committed and believe in taking responsibility in creating a sustainable product with a low carbon footprint, on account of production being in Germany, as well as promoting the use of long-lasting materials, such as metal. We avoid the utilisation of plastics or similar products whenever possible in our manufacturing processes. For the whole life cycle, our products are designed to be reliable and durable - this is our commitment, this is the responsibility we have for a healthier environment.

# Details

D-28537-2009



Patented VarioSafe filter system

D-10414-2016



MRI versions available

D-2443-2011



Minimized use of plastics, fully recyclable.

D-16123-2024



Production in Germany

# Services

D-9836-2024



## Dräger Services

We support you with a complete solution approach: Our medical devices, services, accessories and digital solutions work in sync to improve acute care.

Medical equipment performs at its best when it is correctly and regularly maintained. With our Dräger manufacturer service and original spare parts you can rely on product longevity and efficiency. Find out more about the high quality of service that only we as a manufacturer can offer.

# Technical Data

## VarioAir B

Maximum vacuum	-90 to 0 kPa (-900 to 0 mbar)
Minimum suction flow	40 lpm
Maximum sound level	57 dB (A)

## VarioAir P

Maximum vacuum	-54 to 0 kPa (-540 to 0 mbar)
Suction flow	22 lpm*
Maximum sound level	50 dB (A)

## VarioAir D

Maximum vacuum	-16 to 0 kPa (-160 to 0 mbar)
Maximum suction flow	18 lpm
Maximum sound level	45 dB (A)

## VarioAir T

Maximum vacuum	-7 to 0 kPa (-70 to 0 mbar)
Maximum suction flow	15 lpm
Maximum sound level	40 dB (A)

Inlet pressure range	4 to 5.5 bar
Pressure relief valve	ex 0.1 kPa (10 mbar)
Weight	800 g 1,600 g (for VarioVac compact, empty)
Dimensions (W/H/D) in mm	80 x 200 x 160 (without VarioSafe) 80 x 330 x 160 (with VarioSafe) 300 x 440 x 160 (VarioAir compact)
Hose nozzle	Ø 6 mm
Water retention	100 %
Bacterial retention	99.99997 %** (with VarioSafe)
Viral retention	99.99922 %** (with VarioSafe)
NaCl retention	99.8900 %***

# Technical Data

## VarioAir T Rail WV

Maximum vacuum	-5 to 0 kPa (-50 to 0 mbar)
Minimum suction flow	15 lpm
Max. gas consumption	30 lpm
Weight	1,100 g
Dimensions (W/H/D) in mm	80 x 860 x 160
Maximum sound level	45 dB (A)
Hose nozzle	Ø 6 mm

\* at 4.5 bar supply pressure

\*\* according to Nelson Laboratories, Inc., Salt Lake City, USA

\*\*\* according to Dräger Safety, March 2021, EN ISO 23328-1

# Ordering Information

VarioAir B DIN	Bronchial suction. German standard (DIN)	MP00530
VarioAir B BS	Bronchial suction. British standard (BS)	MP00531
VarioAir B AFNOR	Bronchial suction. French standard (NF)	MP00532
VarioAir B AGA	Bronchial suction. Swedish standard (AGA)	MP00533
VarioAir B UNI	Bronchial suction. Italian standard (UNI)	MP00534
VarioAir B CARBA	Bronchial suction. Swiss standard (CARBA)	MP00548
Vario02 B CARBA	Bronchial suction. Swiss standard (CARBA)	MP00551
Vario02 B DIN	Bronchial suction. German standard (DIN)	MP00550
VarioAir B/ OR rail	Bronchial and surgical suction. Connection thread NIST-AIR	MP00535
VarioAir B/ OR rail DISS	Bronchial and surgical suction. Connection thread DISS AIR	MP00638
Vario02 B/ OR rail	Bronchial and surgical suction. Connection thread NIST-O <sub>2</sub>	MP00552
VarioAir B compact	Bronchial compact suction. Connection thread NIST-AIR	MP00536
VarioAir P rail	Bronchial pediatric suction. Connection thread NIST-AIR	MP00545
VarioAir P rail DISS	Bronchial pediatric suction. Connection thread DISS AIR	MP00639
VarioAir P compact	Bronchial compact suction for pediatrics. Connection thread NIST-AIR	MP00547
VarioAir MRI B/OR rail	Bronchial and surgical suction for MRI. Connection thread NIST-AIR	MP03220
VarioAir MRI P rail	Bronchial pediatric suction for MRI. Connection thread NIST-AIR	MP03221
VarioAir D DIN	Continuous and wound drainage. German standard (DIN)	MP00537
VarioAir D BS	Continuous and wound drainage. British standard (BS)	MP00538
VarioAir D AFNOR	Continuous and wound drainage. French standard (NF)	MP00539
VarioAir D AGA	Continuous and wound drainage. Swedish standard (AGA)	MP00540
VarioAir D UNI	Continuous and wound drainage. Italian standard (UNI)	MP00541
VarioAir D CARBA	Continuous and wound drainage. Swiss standard (CARBA)	MP00549
VarioAir D rail	Continuous and wound drainage. Connection thread NIST-AIR	MP00542
VarioAir T rail WV	Thoracic drainage. Water vacuum gauge. Connection thread NIST-AIR	MP00544
VarioAir T rail	Thoracic drainage. Connection thread NIST-AIR	MP00543
VarioAir T DIN	Thoracic drainage. German standard (DIN)	MP00553
VarioSafe	Disposable filter system for Vario suction devices. Delivery batch: 10 pcs.	MP00555

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Maximum and minimum values apply to the inlet pressure range of 4 to 5.5 bar.

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