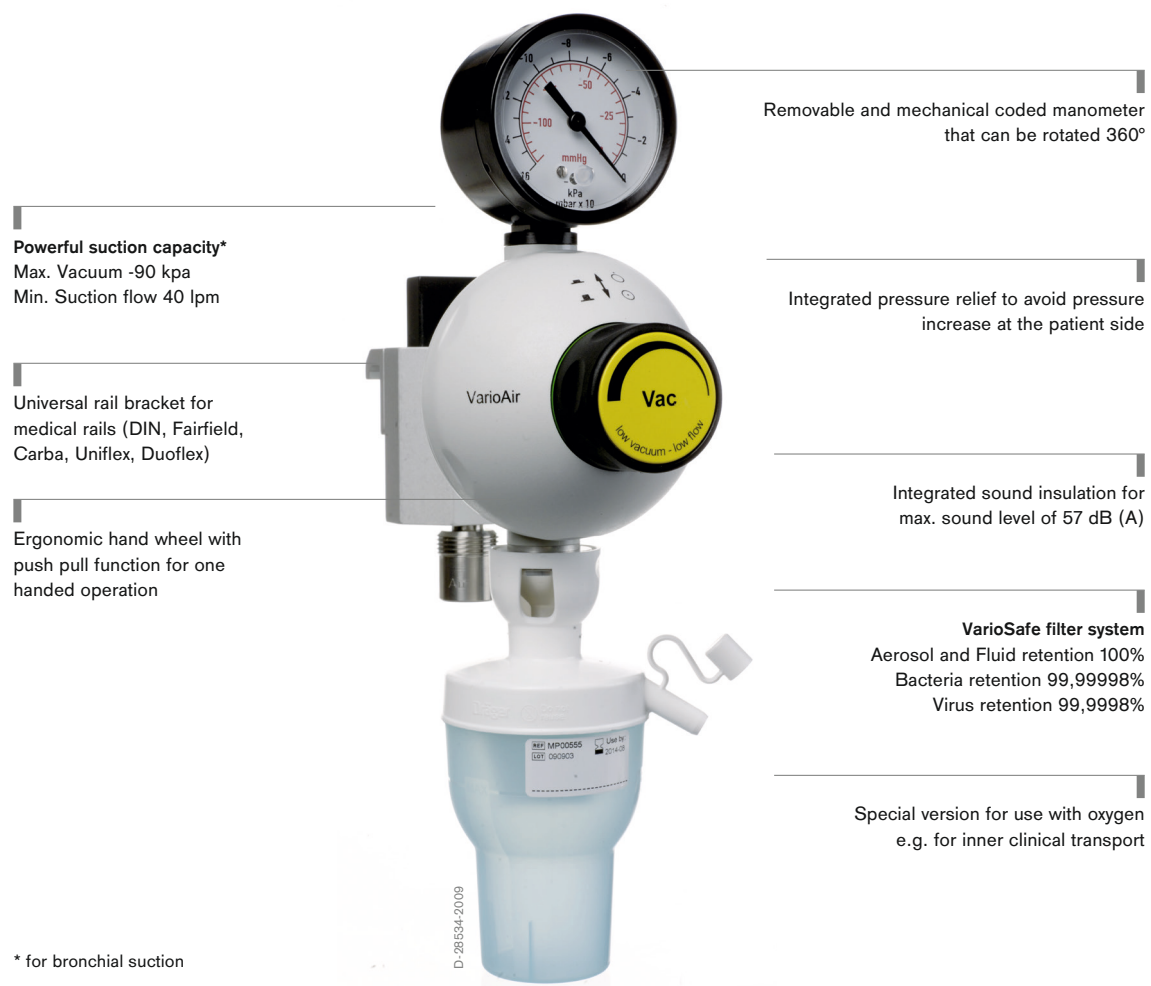


## VarioAir® – Medical Suction Solutions Consumables and Accessories

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.



**Powerful suction capacity\***  
Max. Vacuum -90 kpa  
Min. Suction flow 40 lpm

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

Ergonomic hand wheel with push pull function for one handed operation

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 99,99998%  
Virus retention 99,99998%

Special version for use with oxygen e.g. for inner clinical transport

\* for bronchial suction

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## Benefits

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### 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 (> 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 (99.99998 %) and virus (99.9998 %) retention\*
- special versions for use with oxygen
- universal rail bracket for medical rails (DIN, Fairfield, Carba, Uniflex, Duoflex)

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

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

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### 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”.

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### 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. The VarioAir is currently the only regulator on the market that allows simple, one-handed operation. An 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.

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### 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

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### 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

## Benefits

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).

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### **VarioSafe: germs simply eliminated**

The VarioSafe filter system is proven to retain germs: 99.99998 % of bacteria and 99.9998 %\* 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., Salt Lake City, USA

## Technical Data

### VarioAir® B

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

### VarioAir® P

Maximum vacuum	-48 to 0 kPa (-480 to 0 mbar)
Maximum suction flow	20 L/min
Maximum sound level	50 dB (A)

### VarioAir® D

Maximum vacuum	-16 to 0 kPa (-160 to 0 mbar)
Maximum suction flow	18 L/min
Maximum sound level	45 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
Bacterial retention	99.99998% (with VarioSafe®)
Viral retention	99.99998% (with VarioSafe®)

### VarioAir® T Rail WV

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

## 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 / AFNOR)	MP00532
VarioAir® B AGA	Bronchial suction. Swedish standard (AGA)	MP00533
VarioAir® B UNI	Bronchial suction. Italian standard (UNI)	MP00534

## Ordering Information

VarioAir® B CARBA	Bronchial suction. Swiss standard (CARBA)	MP00548
VarioAir® 02 B CARBA	Bronchial suction. Swiss standard (CARBA)	MP00551
VarioAir® 02 B DIN	Bronchial suction. German standard (DIN)	MP00550
VarioAir® B/ OR rail	Bronchial and operating theatre suction. Connecting thread NIST-AIR For standard rail systems	MP00535
VarioAir® 02 B/ OR rail	Bronchial and operating theatre suction. Connecting thread NIST-O <sub>2</sub>	MP 00552
VarioAir® B compact	Bronchial suction. Complete system with secretion bottle package and integrated VarioAir®. Connecting thread NIST-AIR	MP00536
VarioAir® D DIN	Continuous drainage and wound drainage. German standard (DIN)	MP00537
VarioAir® D BS	Continuous drainage and wound drainage. British standard (BS)	MP00538
VarioAir® D AFNOR	Continuous drainage and wound drainage. French standard (NF/ AFNOR)	MP00539
VarioAir® D AGA	Continuous drainage and wound drainage. Swedish standard (AGA)	MP00540
VarioAir® D UNI	Continuous drainage and wound drainage. Italian standard (UNI)	MP00541
VarioAir® D CARBA	Continuous drainage and wound drainage. Swiss standard (CARBA)	MP00549
VarioAir® D rail	Continuous drainage and wound drainage. Connecting thread NIST-AIR. For standard rail systems	MP00542
VarioAir® T rail WS	Thoracic drainage. Connecting thread NIST- AIR. For standard rail systems	MP00544
VarioAir® P rail	Pediatric bronchial suction. Connecting thread NIST-AIR. For standard rail systems	MP00545
VarioAir® P compact	Pediatric bronchial suction. Complete system with secretion bottle package and integrated VarioAir®: Connecting thread NIST-AIR	MP00547
VarioSafe®	Disposable filter system for VarioAir. Delivery batch: 10 items	MP00555

VarioAir® is a registered trademark my Dräger.

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

## Notes

### CORPORATE HEADQUARTERS

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### As of August 2015

Dräger Medical GmbH changes  
to Drägerwerk AG & Co. KGaA

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The quality management system at Dräger Medical GmbH is certified according to ISO 13485, ISO 9001 and Annex II.3 of Directive 93/42/EEC (Medical devices).