

Medical Compressed Air Systems Gas Management Systems

Dräger has been building central compressed air systems for hospitals, clinics and private practices for over 50 years. Today's systems comply with all relevant standards and deliver an air quality defined in the European Pharmacopeia.



MT-8748-2006

Benefits

Years of experience

Dräger has more than 50 years of experience in the development and construction of central compressed air systems, which guarantee a steady supply of medical quality compressed air for use in regular wards, intensive care or emergency wards and in the operating room.

Continuous Functionality

The Dräger compressed air systems use 3 separate compressors, each with 2 redundant pressure tanks, filter systems, compressed air conditioners and pressure reducer stations. This makes maintenance and repairs possible without interruption of the air supply, offering additional operational security. Also, the system function is continuously monitored automatically, malfunctions are displayed immediately and can be transmitted to the hospital Building Management System (BMS).

Compact compressed air systems

Aside from compressed air systems built from separate components, Dräger also offers compact compressed air systems. All the necessary components are mounted on one pressure tank, complete with pipes and cables. The advantages here clearly include rapid installation and readiness as well as very little space requirement.

Proven quality

As each installed system consists of many separate components, only proven components of the highest quality are selected which conform to all relevant regulations and standards. The compressed air supply systems built by Dräger not only meet the ISO 73961 standard, but because of its particularly effective pressure conditioning unit with 5 filter phases and an adsorption dryer, the systems also comply with the standards set by the European Pharmacopeia. After the planning, projecting and installation, each system receives a CE certification from Dräger.

Control unit

The control unit maintains an even utilisation of the compressors and transmits alarm signals to the Building Management System. Other functions, such as the operation running time meter and start-up regulation are also controlled by this unit.

Notes

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CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA
Moislinger Allee 53-55
23558 Lübeck, Germany
www.draeger.com

Manufacturer:

Drägerwerk AG & Co. KGaA
Moislinger Allee 53-55
23558 Lübeck, Germany

REGION EUROPE CENTRAL AND EUROPE NORTH

Drägerwerk AG & Co. KGaA
Moislinger Allee 53-55
23558 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION EUROPE SOUTH

Dräger Médical S.A.S.
Parc de Haute Technologie
d'Antony 2
25, rue Georges Besse
92182 Antony Cedex, France
Tel +33 1 46 11 56 00
Fax +33 1 40 96 97 20
d1mfr-contact@draeger.com

REGION MIDDLE EAST, AFRICA

Drägerwerk AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA / PACIFIC

Draeger Medical
South East Asia Pte Ltd.
25 International Business Park
#04-27/29 German Centre
Singapore 609916, Singapore
Tel +65 6572 4388
Fax +65 6572 4399
asia.pacific@draeger.com

REGION CENTRAL AND SOUTH AMERICA

Dräger Panama Comercial
S. de R.L.
Complejo Business Park,
V tower, 10th floor
Panama City
Tel +507 377 9100
Fax +507 377 9130
contactcsa@draeger.com

Locate your Regional
Sales Representative at:
www.draeger.com/contact

