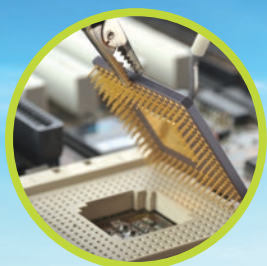




100% Oil-Free - Guaranteed

Oil-Free Rotary Screw Compressors
Fixed & Regulated Speed (RS)



OilFREE

Truly innovative oil-free compressed air technologies

D75-D160

Air and Water Cooled

Air purity that meets the most stringent hygienic standards

Get the ultimate air quality: oil-free & silicone free!

You may have no choice over the quality of the compressed air used in your process – it just has to be absolutely contaminant free.

For this reason, CompAir's D-range offers the highest standard of air purity and has been



certified ISO 8573-1 Class Zero (2010) and silicone free.

No matter what industrial sector, there is a growing demand for higher quality, oil-free compressed air that meets the stringent quality standards.

Whether it is needed for food and beverage or chemicals production, supply of pharmaceuticals, electronics or sensitive components, manufacturers will no longer accept the risk of product or equipment contamination.



- ✓ Premium efficiency two stage airend design
- ✓ High quality IE 3 electric motor
- ✓ Efficient motor cooling
- ✓ High ambient temperatures of up to 45°C
- ✓ Delcos XL touch screen controller with enhanced monitoring
- ✓ Closed cooling water circuit for airend cooling



Outstanding reliability for demanding applications

Choose the D-range and eliminate your risks

The new two stage oil-free screw compressor range has been designed with focus on operational safety in demanding applications. The innovative clear construction delivers a state-of-the-art performance, in-depth control and outstanding reliability.

The sophisticated Delcos XL controller protects your investment by continuously monitoring the operational parameters. CompAir's own developed and manufactured airend works at constant low temperature levels and lowers the compressor's lifecycle costs.

With easy servicing and a full Assure warranty coverage, operators eliminate all possible risks to their business.

The award-winning D-Range

Frost & Sullivan honour CompAir's advanced D-range 2-stage oil-free screw compressors.



"The product stands out for providing high quality compressed air with reduced risk of contamination, and for its smaller footprint."

Frost & Sullivan Research Analyst



CompAir's commitment to providing the purest, highest quality compressed air, through the development of innovative products, delivers world-class solutions.



Maximise your energy savings with regulated speed technology

The D-range regulated speed models perfectly cope with varying air demand and ensure that no energy gets wasted. Significant cost savings can be achieved by matching the output to the exact demand on the site. Compared to a fixed speed compressor the regulated speed technology can save up to 25% energy.

The CompAir RS features are your benefits:

- **Wide regulation range**
- **Aligned motor – drive – airend design**
- **Tried and tested inverter concept**
 - Integrated in the electric cabinet
 - Protected from dust by replaceable inlet filters
 - Maximum reliability by optimised cooling system



The difference? Total quality



State-of-the-art performance
- through high efficiency
components, low pressure
losses, low temperatures and
economical control.



High output two stage airend design

- 100% oil-free, near isothermal compression
- High reliability thanks to constant low temperatures

Guaranteed efficiency with IE3 electric motor

- Legal conformity
- High reliability
- Operational safety
- Automatic motor lubrication

Easy installation & easy servicing

- Small footprint and compact size
- All connections on one side
- Easy ducting
- Perfect service accessibility
- Low number of parts and consequently less to service
- 8,000 hours standard service interval

Excellent cooling performance

- Optimum motor cooling
- Closed cooling water circuit for airend cooling
 - For constant low temperature levels
 - Avoids pollution
- Less gearboxes required
- Level regulated electronic condensate drain

Air cooling

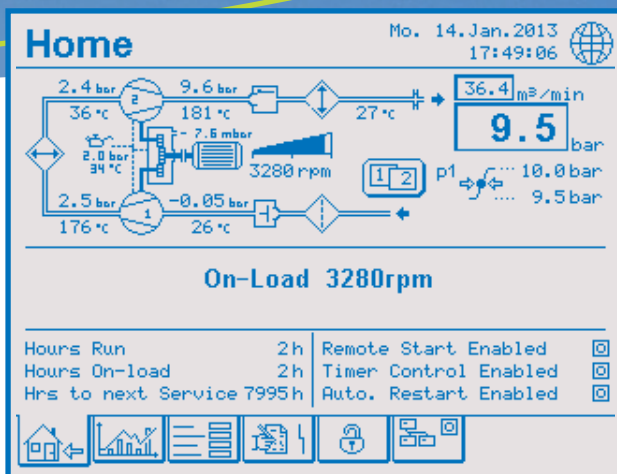
- Two efficient radial fans
 - In accordance with ErP Efficiency Legislation 2015
 - Low noise level
 - Low pressure loss

Water cooling

- High quality shell and tube coolers
 - Independent from ambient temperature
 - Low noise level

**Allows up to 45°C
ambient temperatures!**

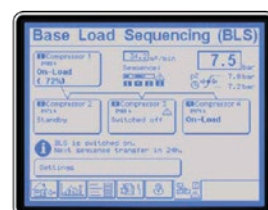
Perfect control – Perfect performance



Delcos XL touch-screen controller

The multilingual Delcos XL control system ensures reliable operation and protects your investment by continuously monitoring the operational parameters, which is essential for reducing cost of ownership.

- Precise monitoring for exceptional operational reliability
 - Ambient pressure and temperature
 - Inlet and outlet pressure and temperature at both stages
 - Network pressure and temperature
 - Oil / water pressure and temperature
 - Oil / water level
 - ... and many more
- High resolution, easy-to-use touch-screen panel
- User-friendly clear menu structure
- Integrated SD card for in-depth analysis of monitored machine parameters
- Trend diagrams for
 - Network pressure
 - Motor speed (regulated speed models)
 - On load hours / total running hours and average volume flow
 - Weekly average volume flow
- Optional base load sequencing



Protect your investment

Assure warranty – to ensure your peace of mind!

assure™

First Class Compressor - First Class Warranty

The CompAir Assure Warranty and Service programmes will assure you up to 44,000 hours/6 years ¹⁾ peace of mind, and is one of the most generous warranties available in the industry.

Your benefits:

- The Assure warranty is totally free to the compressor owner ²⁾
- The CompAir authorised service provider will deliver a guaranteed quality of service
- An Assure service agreement underpinning the warranty will enable accurate maintenance budgeting and cost of ownership
- The use of genuine CompAir parts and lubricants will maximise compressor life and efficiency

¹⁾ whichever is the soonest

²⁾ subject to Terms & Conditions



Compressed air purification

A modern production system and process demands increasing levels of air quality. A CompAir compressed air system utilising the latest technology provides an energy efficient solution at lowest life cycle costs.



Water Cyclone Separator X Series

Designed for efficient removal of bulk liquid contamination from compressed air.

Compressed Air Filter CF Series

Efficient design for water, dust and particle removal.



Condensate Drain Bekomat System

To drain compressed air condensate without loss of compressed air.

Compressed Air Refrigerant Dryer

CompAir offer a full range of energy efficient and environmentally friendly stand alone refrigerant dryers.



Heatless Desiccant Dryers

Series A_XS and A_TX.

Heat Regenerative Desiccant Dryers

Series A_TV and A_RS.

Nitrogen Generator

Designed to achieve maximum efficiency and gas quality.



SmartAir Master Multi Compressor Controllers

Sequencers for up to 12 units.

CompAir D — Technical Data

Fixed Speed — Air and Water Cooled

Model	Cooling Method	Motor Rating (kW)	Working Pressure (bar g)		Free Air Delivered ¹⁾ (m³/min)		Dimensions L x W x H (mm)	Noise Level ²⁾ dB(A)		Weight (kg)
					8 bar g	10 bar g		8 bar g	10 bar g	
D75	Air	75	8	10	12.91	10.63	2597 x 1744 x 2001	75	74	3023
	Water							72	70	3223
D90	Air	90	8	10	15.65	13.79	2597 x 1744 x 2001	76	75	3223
	Water							73	72	3423
D110	Air	110	8	10	19.51	17.39	2597 x 1744 x 2001	77	77	3265
	Water							75	74	3465
D132	Air	132	8	10	22.39	20.50	2597 x 1744 x 2001	78	78	3432
	Water							77	76	3632
D160	Air	160	10		–	22.33	2597 x 1744 x 2001	–	78	3644
	Water								77	3844

Regulated Speed — Air and Water Cooled

Model	Cooling Method	Motor Rating (kW)	Working Pressure (bar g)		Free Air Delivered ¹⁾ (m ³ /min)		Dimensions L x W x H (mm)	Noise Level ²⁾ dB(A) (70% load)	Weight (kg)
			Min.	Max.	Min.	Max.			
D110RS-8	Air	110	4	8	8.89	19.51	2597 x 1744 x 2001	76	3278
	Water							72	3478
D110RS-10	Air	110	4	10	10.51	17.68	2597 x 1744 x 2001	76	3278
	Water							71	3478
D132RS-8	Air	132	4	8	8.95	22.95	2597 x 1744 x 2001	77	3476
	Water							73	3676
D132RS-10	Air	132	4	10	10.51	21.10	2597 x 1744 x 2001	77	3476
	Water							72	3676
D160RS-10	Air	160	4	10	10.40	23.52	2597 x 1744 x 2001	77	3688
	Water							73	3888

¹⁾ Data measured and stated in accordance with ISO 1217 Edition 4, Annex C & E at the following conditions:
Air Intake Pressure 1 bar a / 14.5 psi ; Air Intake Temperature 20° C / 68° F ; Humidity 0 % (dry)

²⁾ Measured in free field conditions in accordance with ISO 2151, tolerance ± 3 dB (A)



Innovative products & services



With over 200 years of engineering excellence, the CompAir brand offers an extensive range of highly reliable, energy efficient compressors and accessories to suit all applications.

An extensive network of dedicated CompAir sales companies and distributors across all continents provide global expertise with a truly local service, ensuring our advanced technology is backed up with the right support.

As part of the worldwide Gardner Denver operation, CompAir has consistently been at the forefront of compressed air systems development, culminating in some of the most energy efficient and low environmental impact compressors on the market today, helping customers achieve or surpass their sustainability targets.

CompAir compressed air product range

Advanced Compressor Technology Lubricated

- Rotary Screw
 - > Fixed and Regulated Speed
- Piston
- Portable

Oil-Free

- Water Injected Screw
 - > Fixed and Regulated Speed
- Two Stage Screw
 - > Fixed and Regulated Speed
- Piston
- High Speed Centrifugal - Quantima®

Complete Air Treatment Range

- Filter
- Refrigerant and Desiccant Dryer
- Condensate Management
- Heat of Compression Dryer
- Nitrogen Generator

Modern Control Systems

- CompAir DELCOS Controllers
- SmartAir Master Sequencer

CompAir policy is one of continuous improvement and we therefore reserve the right to alter specifications and prices without prior notice. All products are sold subject to the Company's conditions of sale.

Value Added Services

- Professional Air Audit
- Performance Reporting
- Leak Detection

Leading Customer Support

- Custom Engineered Solutions
- Local Service Centres
- Genuine CompAir Parts and Lubricants

www.compair.com sales@compair.com