



CompAir

by Gardner Denver

Leading oil-free innovation

Energy efficiency redefined



Innovative oil-free
compressed air technologies

PureAir

ISO CLASS: ZERO PLUS SILICONE FREE

ISO CLASS:
ZERO PLUS SILICONE FREE

PureAir from CompAir

– Guaranteed 100% oil-free
compressed air





Dedicated to improving performance and efficiency for our customers, at the same time lowering the impact on our environment



Think of it as the best compressed air insurance you can get

As manufacturers and suppliers of oil-free compressors for over 90 years, CompAir are committed to quality and innovation and understanding the customers' operational and business needs. Nowhere is this more apparent than in the development of our PureAir range.

Our oil-free compressors are helping industries across the globe to meet and exceed quality and production objectives in food and beverage, pharmaceutical, electronic, healthcare and power generation applications to name but a few.

Today, we remain at the forefront of oil-free compressor technology with breakthrough innovations such as Ultima.

Broadest range of oil-free compressed air technology

Air purity is critical for many applications where even the smallest drop of oil can cause product spoilage or damage production equipment. Depending on the application, one specific technology in an even more specific performance range might be much better suitable than another technology.

When you choose CompAir you are guaranteed that you get the best possible solution for your specific application including the downstream equipment. CompAir offers all common oil-free technologies, and, has brought out technologies which are completely unique in the market.



No matter what the application – CompAir has got the perfect oil-free solution



Benefits of oil-free compressed air



Risk-Free Legal Compliance

Some processes need clean, dry, oil-free air and cannot risk contamination. With an oil-free compressor you get peace of mind, both in your system and for your business.



Worry-Free Operation

Air treatment systems and process equipment can be damaged by oil-laden compressed air, which can then affect sensitive electronic components causing unnecessary downtime and expense.



Lower Maintenance Cost and Energy Savings

A true oil-free compressor does not have oil in the compression chamber. Consequently, minimising downstream filtration requirements and pressure drops, which directly translates into energy savings.



Increased Sustainability

With high quality, contaminant-free air, you can be sure that you are helping make your compressed air system as streamlined and efficient, as possible.

Ultima™

Up to
13%
power savings
versus traditional
oil-free technology

Ultimate Oil-free efficiency



ONLY
69dB(A)



Pressure range
4 to 10 bar



Volume flow
6.7 to 23.3 m³/min



Motor power
75 to 160 kW



GERMAN
ENGINEERING
& DESIGN

“

Delivering significant increases in efficiency and exceeding environmental targets.

”

Ultima™

Oil-free two-stage regulated speed screw compressor with two permanent magnet motors

Ultima™ delivers on every level

Ultima is a groundbreaking oil-free PureAir compressor. The unique design of this all new compressor range from CompAir, utilises a low pressure and high pressure dry screw airend - each airend is individually driven by a variable speed, permanent magnet synchronous motor, offering exceptional levels of efficiency versus traditional oil-free technology. Considering that the highest cost in the lifecycle of a compressor is the energy to run it, the unique design of Ultima has allowed us to combine the ultimate performance with the ultimate efficiency, and still deliver a footprint 37% smaller than a conventional two-stage oil-free compressor.

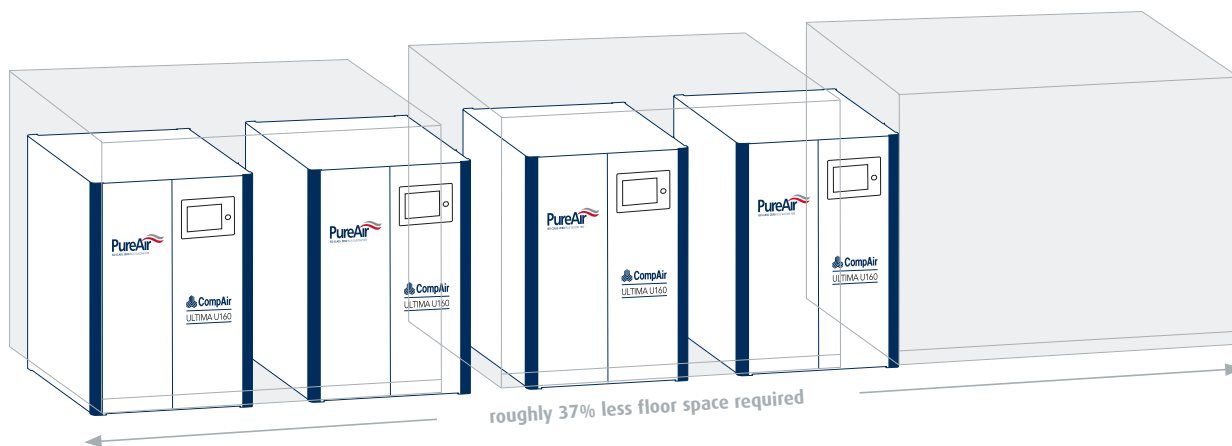
**BEST
IN CLASS**

Ultima™ – The real deal

The unique patented design delivers numerous benefits to compressed air users:

- ▶ **100% oil and silicone free**
 - Highest levels of air quality
- ▶ **Highest efficiency levels**
 - Low running costs
- ▶ **Low noise design**
 - Installation at point of use
- ▶ **LP & HP airends individually driven**
 - Energy efficient across the flow range
- ▶ **Very efficient heat recovery**
 - Most efficient machine
- ▶ **No ducting required**
 - Easy installation
- ▶ **On-board monitoring**
 - Very user-friendly
- ▶ **Connected with iConn smart flow management**
 - Setting Industry 4.0 standards

iConn
by Gardner Denver



Unrivalled power to weight ratio

Ultima contributes to bottom line cost savings in many ways. Not only do they deliver outstanding efficiency and significantly lower lifecycle costs, the Ultima requires on average, 3.4 m³ less space (or up to 37% less floor space) than a conventional two-stage oil-free compressor. This allows easy installation in the smallest possible space - not only a benefit where space is limited - it also translates into property cost saving.

Quantima®

Engineering excellence

Less is more

Standard Screw Technology

Quantima®

7



Gears

0

19



Bearings

4

17



Seals

2

1



Oil System

0



Pressure range

3 to 8 bar



Volume flow

18.5 to 69.5 m³/min



Motor power

150 to 300 kW



Quantima – no gearbox, no oil, no contacting parts & no mechanical wear. Just one single moving part, spinning in a magnetic field at up to 76,000 rpm



Quantima®

Oil-free two-stage regulated speed centrifugal compressor

What makes Quantima® special?

Quantima's patented Q-drive compression and motor assembly has just one moving part and operates with the rotor spinning in a magnetic field at up to 76,000 rpm.

- ▶ Superb efficiency due to no gearbox and no contact parts
- ▶ Variable speed technology minimising off-load running
- ▶ Outstanding energy savings of up to 25% are easily achievable
- ▶ Lowest off-load power consumption of just 2.5% of full load power, equal to 7 kW for a 300 kW compressor
- ▶ No performance degradation
- ▶ Smallest physical footprint
- ▶ Lowest noise levels of just 69 dB(A)
- ▶ Connected with iConn smart flow management - Setting Industry 4.0 standards



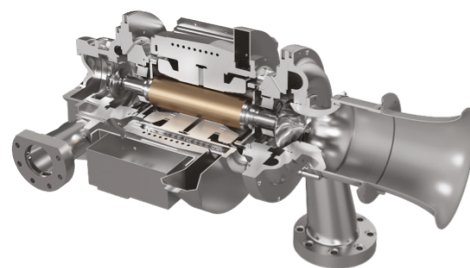
Why is Quantima® exceptionally efficient?

Quantima is a variable speed compressor which can efficiently handle the varying air demand that is often found in manufacturing environments and offers incredibly low off load power consumption. At 300 kW the Quantima off load power is 2.5% of full load power or 7 kW. These off load power savings, along with better efficiency result in up to 25% lower energy consumption when compared to traditional oil-free technology.

Q-drive technology

The patented Q-drive motor incorporates an asynchronous induction design and operates at high speeds to avoid the need for a conventional gearbox. This eliminates costly losses and means that the compressor does not require any oil at all.

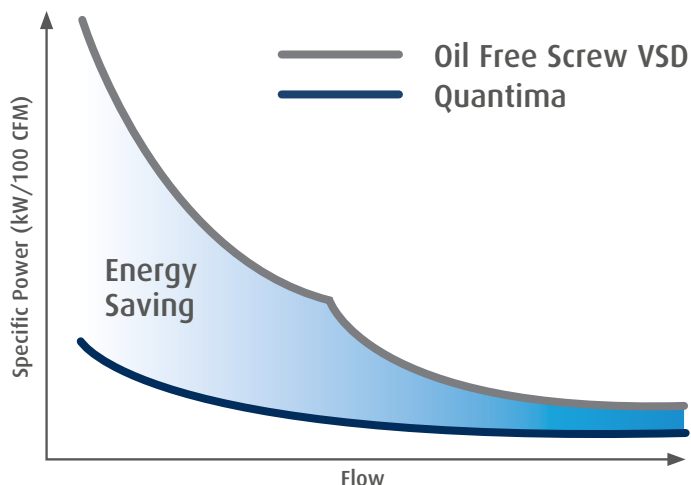
The motor and direct drive compression assembly incorporates magnetic bearings to provide stable control, both axially and radially of the rotor shaft. The shaft is supported in a magnetic field which means that there is no contact and no wear, ensuring reliable operation and long life without performance degradation.



Simple installation

The Quantima compressor is a fraction of the weight and size of equivalent compressors meaning it has a significantly smaller physical footprint. In addition, the compressor incorporates a soft start VSD drive to ensure there is no current peak on start up.

Lower energy across the entire flow range



DH Series

iConn

Low lifecycle costs

Oil-free water-injected screw compressors



Pressure range
5 to 10 bar



Volume flow
0.32 to 18.55 m³/min



Motor power
15 to 110 kW



The largest cost component of a compressor during its lifetime is the power to run it. CompAir incorporate energy saving technologies at every stage of the design, delivering a compressor that works harder and smarter.



DH Series

Oil-free single-stage water-injected screw compressor

CompAir DH - your resource for cost savings

The unique design achieves lower speeds combined with lower operating temperatures - both resulting in high efficiency and reduced component wear. Using a single-stage, direct-driven motor without gears or belts, maximises efficiency. Limiting the compressed air to the application demand with regulated speed ensures that no energy is wasted.

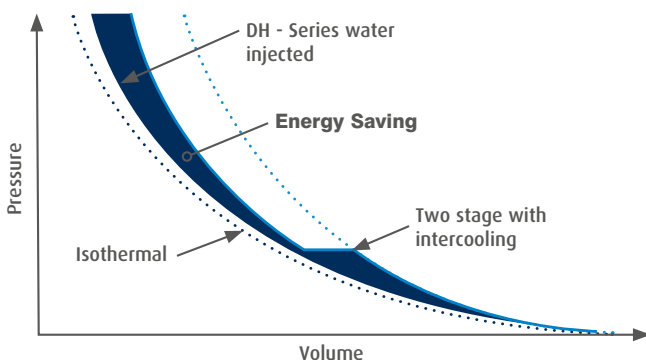
Delivering the highest quality, oil-free compressed air for all applications

- ▶ Single-stage, direct-driven compression element maximises efficiency and minimises maintenance
- ▶ High quality water injection lubricates, cools and seals the compression process, maximising efficiency
- ▶ Variable speed technology available to reduce energy costs
- ▶ Fully packaged and silenced enclosure reduces noise and simplifies installation
- ▶ Comprehensive control ensures safe and reliable operation and includes remote communication capability
- ▶ Connected with iConn smart flow management - Setting Industry 4.0 standards

Energy Savings

Water injection means lower temperatures, and lower temperatures means more efficient compression.

Compression Diagram



Perfect response to your individual air demand

Regulated speed compressors from CompAir can efficiently and reliably handle varying air demand. The right regulated speed compressor in the right application, delivers significant energy savings and a stable air supply at constant pressure.

Reduced maintenance

Our oil-free compressors are built to last, featuring robust designs and a simple construction, making them easier to maintain. We've also made them easy to operate, featuring a variety of control options to make sure that you are always in charge of your air supply.

The DH range - for total peace of mind

- Significantly fewer moving parts means less to go wrong
- Lower speeds and balanced bearing loads extend the compression element service life to 36,000 hours for low-cost operation
- Cooler operating temperatures reduce component wear
- No oil or oil laden parts to dispose of, saving time and expense

D Series

Innovative design concept

Secure iConn Data
Management



Pressure range
4 to 10 bar



Volume flow
8.89 to 51.8 m³/min



Motor power
75 to 315 kW



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



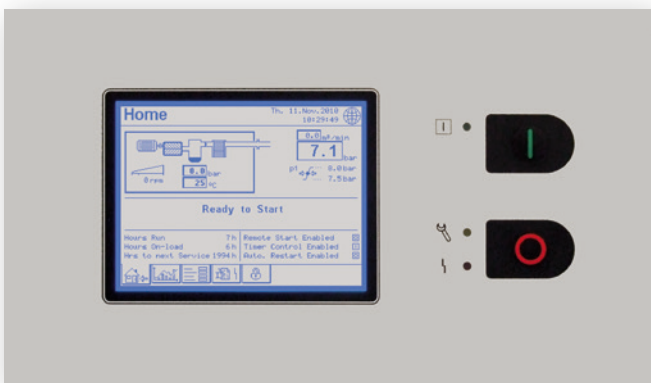
D Series

Oil-free two-stage
screw compressor

Outstanding reliability for demanding applications

The new two-stage oil-free screw compressor range has been designed with a focus on operational safety in demanding applications. The innovative clear construction delivers state-of-the-art performance, in-depth control and outstanding reliability. The sophisticated Delcos XL controller protects your investment by continuously monitoring operational parameters. CompAir's own designed and manufactured airend works at constant low temperature levels and lowers the compressor's lifecycle costs. With easy servicing and full PureCare warranty cover, operators eliminate all possible risks to their business.

Perfect control – perfect performance



Delcos XL innovative touch screen compressor controller

Easy servicing

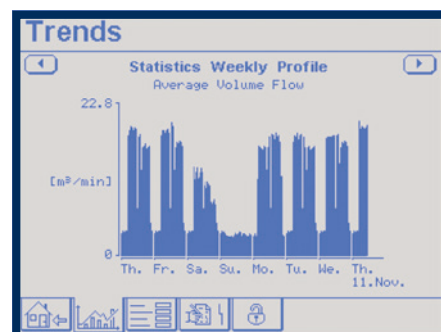
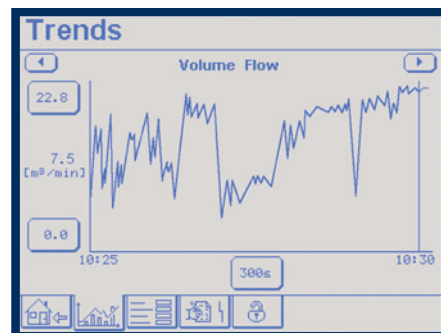
The design of these packages ensures that the service points are readily accessible. The enclosure side doors are hinged and removable to allow complete access to all service points. The reduced number of moving parts further lowers the maintenance costs.

The award-winning D-Series

- Premium efficiency two stage airend design
- High quality IE 3 electric motor, optional IE 4
- Efficient motor cooling
- High ambient temperatures of up to 45°C
- Delcos XL touch screen controller with enhanced monitoring
- Unique closed cooling water circuit for airend cooling
- Connected with iConn smart flow management
 - Setting Industry 4.0 standards

Trend diagrams

With the ability to display detailed system analysis in the form of trend diagrams and graphs, operating parameters can be precisely set to maximise efficiency.





S Series

Compressor configuration



Pressure range
8 to 10 bar



Volume flow
21.2 to 106 m³/hr



Motor power
4 to 15 kW



Maximum flexibility from sophisticated modular design



S Series

Oil-free multistage scroll compressor

Contaminant free. Risk free. 100% Oil-free

The new S-Series of oil-free scroll compressors from CompAir does not use any oil anywhere in the compressor and has been certified ISO 8573-1 Class 0 and silicone free, which represents the highest air quality level possible.

In addition to the fulfilment of legal requirements, the oil-free scroll technology reduces the costs of ownership by avoiding oil filter replacements, oil condensate treatment and energy to combat the pressure loss caused by filtration.



CompAir S-Series

- 1 Automatic Condensate Drain
- 2 Rigid Framework
- 3 5 Micron Inlet Filter
- 4 Fork Slots for Easy Handling
- 5 Unique Chambered Design - Maximised Cooling and Serviceability
- 6 Large Industrial Aftercoolers
- 7 Premium Efficient TEFC Motor
- 8 High Volume Cooling Fan
- 9 Low Noise Sound Enclosure
- 10 Internal Vibration Isolators

Compressor configuration

Depending on the application requirements, the versatile S-Series from CompAir is available in various kW sizes. The scroll compressor range starts with Simplex units at 4, 6 and 8 kW and the Duplex units with 7, 11 and 15 kW. The compressor design features a very clean, simple and serviceable layout.

The new S-Series from CompAir

- ▶ 100% oil-free design
- ▶ High reliability
- ▶ Continuous operation, 100% duty cycle
- ▶ Energy efficient
- ▶ Low vibration and sound levels
- ▶ Compact design
- ▶ Low maintenance due to less moving parts

Controlling and monitoring

The S-Series from CompAir is available with different controller options. The Simplex versions can be either equipped with the basic relay panel or optionally with the Deluxe HMI electronic controller.

The optional Deluxe HMI control from CompAir has easy to use navigation and friendly graphics that deliver interactive and intuitive information at your fingertips. With a built in integral webserver, via ModBus TCP Ethernet connection, these controllers provide visibility to the scroll compressor system from any computer or mobile device with internet connection.



R Series

R Series

Oil-free high-output
piston compressor

Robust and powerful



Pressure range

4 to 12 bar



Volume flow

7.5 to 18.1 m³/min



Motor power

45 to 110 kW

Piston compression is known for its excellent energy efficiency, and CompAir has consolidated and at the same time consistently developed this proven technology to maintain its cutting edge.

The design of the double-acting high-performance piston compressor brings about a big reduction in electrical input power, at both full and half load. Rapid switching from full load to half load and back again ensures a flexible response to compressed air demand and a low pressure difference in the network. At the same time off-load losses are minimised, at just 8-9% of generating capacity in the case of piston compressors. The significant energy savings result from the **low input power at full load**, the **narrow pressure band** and the **low off-load losses**.

Full load: 100% volume flow → 100% power input **Half load:** 50% volume flow → 53% power input

Modern technology combined with robust engineering

High-quality, robust construction along with excellent efficiency means that payback times are short. With its long economic life cycle, the R series continues to supply affordable compressed air, year after year.

- Two-stage, double-acting piston compressor
- Energy-saving three-stage control: 0% – 50% – 100%
- Water-cooled, with generously dimensioned tubular coolers
- Piston and guide rings made from high-quality materials, with a central guide ring and piston rings above and below for an effective, low-wear seal, eliminating reverse flow losses
- Efficient IP55 electric motor with a low rotational speed of 1000 rpm
- No separate components
- Wired ready for connection and easy to install, with no foundation required



The closed R-Series in car body production at BMW

How to further add value

Tailor-made installations

Increasing complexity of production facilities and system requirements, coupled with higher energy costs, plus carbon and emissions levies and taxes, makes the **correct assessment** and specification of compressed air solutions **vital**. The performance and efficiency of compressed air systems affects the environmental impact of your business, and your bottom line.

A CompAir compressed air system utilising the latest technology provides an energy efficient solution at **lowest lifecycle costs**.



Complete range of downstream equipment

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

Heat recovery

The heat generated during the compression is paid for as part of the process, then paid for again during the removal by way of cooling fans. Instead of simply removing the heat, it can be used to generate free hot process water or hot water heating systems by utilising a high efficiency heat recovery system.



iConn
by Gardner Denver

Industry 4.0

iConn
by Gardner Denver

iConn Smart Flow Management

Proactive real-time monitoring and insight for your compressed air installation, then keeps you one step ahead by predicting potential issues before they happen, while managing and optimizing production to increase energy efficiency.

Air audits

CompAir's audits and expertise will ultimately save money, helping to achieve the lowest operating costs and a fast return on investment, at the same time improving manufacturing productivity.

PureCARE
PUREAIR SERVICING & MAINTENANCE PROGRAMME

PureCare

Specifically developed to support our oil-free product range, the CompAir PureCare service programmes go beyond traditional service schemes to ensure uninterrupted quality compressed air supply coupled with optimum compressor performance, giving you peace of mind for your production and budgeting processes. PureCare Service plans are delivered by factory-trained CompAir technicians specifically to keep your oil-free compressed air system at peak performance, supported by the unrivalled quality and performance of compare genuine parts. Each PureCare Service plan is tailored to your specific application and site circumstances, ensuring system reliability and productivity at optimum cost.

CompAir Oil-free Product Range Technical Data

CompAir Ultima™



Compressor Model	Working Pressure [bar g]	Drive Motor [kW]	FAD at 8 bar g ¹ min - max [m³/min]	FAD at 10 bar g ¹ min - max [m³/min]	Noise Level ² at 100% Load [dB(A)]	Dimensions L x W x H [mm]	Weight [kg]
U75	4 - 10	75	6.7 - 12.5	7.7 - 11.2	69	2044 x 1394 x 1992	2500
U90	4 - 10	90	6.7 - 14.9	7.7 - 13.4	69	2044 x 1394 x 1992	2500
U110	4 - 10	110	6.7 - 18.2	7.7 - 16.3	69	2044 x 1394 x 1992	2500
U132	4 - 10	132	6.7 - 21.5	7.7 - 19.6	69	2044 x 1394 x 1992	2500
U160	4 - 10	160	6.7 - 23.3	7.7 - 21.5	69	2044 x 1394 x 1992	2500

CompAir DH

Fixed Speed - Air And Water Cooled

Compressor Model	Cooling Method	Working Pressure [bar g]		Motor Rating [kW]	Free Air Delivered [m³/min]		Noise Level [dB(A)] ²	Dimensions L x W x H [mm]	Weight [kg]
					8 bar g ¹	10 bar g ¹			
D15H	Air	8	10	15	2.30	1.80	68	1345 x 880 x 1612	672
	Water						65		624
D22H	Air	8	10	22	3.50	2.89	68	1345 x 880 x 1612	691
	Water						65		643
D37H	Air	8	10	37	5.86	5.04	71	1722 x 920 x 1659	960
	Water						61		860

Regulated Speed - Air And Water Cooled

Compressor Model	Cooling Method	Working Pressure [bar g]		Motor Rating [kW]	Free Air Delivered [m³/min]		Noise Level at 70% load [dB(A)] ²	Dimensions L x W x H [mm]	Weight [kg]
		min.	max.		min. ¹	max. ¹			
D15H RS	Air	5	10	15	0.32	2.34	67	1345 x 880 x 1612	687
	Water						64		639
D22H RS	Air	5	10	22	0.68	3.45	67	1345 x 880 x 1612	687
	Water						64		658
D37H RS	Air	5	10	37	1.09	6.87	71	1722 x 920 x 1659	995
	Water						60		895
D50H RS	Air	5	10	45	1.17	7.64	73	2158 x 1412 x 1971	1570
	Water								1490
D75H RS	Air	5	10	75	1.72	11.39	75	2158 x 1412 x 1971	1890
	Water								1810
D110H RS	Water	5	10	110	3.04	18.55	72	2158 x 1412 x 1971	2200

CompAir D-Series

D75 – D315 Fixed Speed oil-free screw compressors

Compressor Model	Cooling Method	Working Pressure [bar g]	Motor Rating [kW]	Free Air Delivered ¹⁾ [m ³ /min]		Noise Level ²⁾ [dB(A)]		Dimensions L x W x H [mm]	Weight [kg]
				8 bar g	10 bar g	8 bar g	10 bar g		
D75	Air	8 - 10	75	12.91	10.63	75	74	2597 x 1744 x 2001	3023
	Water					72	70		3223
D90	Air	8 - 10	90	15.65	13.79	76	75	2597 x 1744 x 2001	3223
	Water					73	72		3423
D110	Air	8 - 10	110	19.51	17.39	77	77	2597 x 1744 x 2001	3265
	Water					75	74		3465
D132	Air	8 - 10	132	22.39	20.50	78	78	2597 x 1744 x 2001	3432
	Water					77	76		3632
D160	Air	10	160	–	22.33	–	78	2597 x 1744 x 2001	3644
	Water						77		3844
D165	Water	8 - 10	160	29.1	24.9	77	78	3300 x 1994 x 2190	4715
D200	Water	8 - 10	200	36.1	32	80	81	3300 x 1994 x 2190	5060
D250	Water	8 - 10	250	44.5	37.2	81	82	3300 x 1994 x 2190	5215
D315	Water	8 - 10	315	49.2	44.5	81	82	3300 x 1994 x 2190	5520

D110RS – D315RS Regulated Speed oil-free screw compressors

Compressor Model	Cooling Method	Working Pressure [bar g]	Motor Rating [kW]	Free Air Delivered ¹⁾ [m ³ /min]		Noise Level at 70% Load ²⁾ [dB(A)]	Dimensions L x W x H [mm]	Weight [kg]
				min.	max.			
D110RS-8	Air	4 - 8	110	8.89	19.51	76	2597 x 1744 x 2001	3278
	Water					72		3478
D110RS-10	Air	4 - 10	110	10.51	17.68	76	2597 x 1744 x 2001	3278
	Water					71		3478
D132RS-8	Air	4 - 8	132	8.95	22.95	77	2597 x 1744 x 2001	3476
	Water					73		3676
D132RS-10	Air	4 - 10	132	10.51	21.10	77	2597 x 1744 x 2001	3476
	Water					72		3676
D160RS-10	Air	4 - 10	160	10.40	23.52	77	2597 x 1744 x 2001	3688
	Water					73		3888
D200RS-8.5	Water	4 - 8.5	200	17.3	37.4	77	3300 x 1994 x 2190	5110
D200RS-10	Water	4 - 10	200	18	33.2	79	3300 x 1994 x 2190	5110
D250RS-8.5	Water	4 - 8.5	250	17.4	46.9	78	3300 x 1994 x 2190	5265
D250RS-10	Water	4 - 10	250	18.4	41.7	79	3300 x 1994 x 2190	5265
D315RS-8.5	Water	4 - 8.5	315	16.6	51.1	78	3300 x 1994 x 2190	5570
D315RS-10	Water	4 - 10	315	18.3	48.5	79	3300 x 1994 x 2190	5570

Quantima – Variable speed centrifugal compressors

Medium Pressure Models	Cooling Method	Working Pressure	Motor Rating	FAD @ 7 bar g ¹⁾	Noise Level ²⁾	Dimensions	Weight
		min / max [bar g]	[kW]	[m³/min]	dB[A]	L x W x H [mm]	[kg]
Q-26	Water	5 / 8	150	27.8	69	2400 x 1600 x 1850	2300
Q-34	Water	5 / 8	190	33.1	69	2400 x 1600 x 1850	2300
Q-43	Water	5 / 8	240	43.2	69	2400 x 1600 x 1850	2600
Q-52	Water	5 / 8	300	52.1	69	2400 x 1600 x 1850	2600

Low Pressure Model	Cooling Method	Working Pressure	Motor Rating	FAD ¹⁾	Noise Level ²⁾	Dimensions	Weight
		[bar g]	[kW]	[m³/min]	dB[A]	L x W x H [mm]	[kg]
Q-70L	Water	3	300	69.5	69	2950 x 2000 x 1950	3800
	Water	4	300	67.2	69	2950 x 2000 x 1950	3800
	Water	5	300	61.3	69	2950 x 2000 x 1950	3800

CompAir S-Series – Premium Oil-Free Rotary Scroll Compressors

Simplex

Model	Nominal Pressure	Drive Motor	FAD at 8 bar g ¹⁾	FAD at 10 bar g ¹⁾	Noise level	Dimensions	Weight
	[bar g]	[kW]	[m³/hr]	[m³/hr]	[dB(A)]	L x W x H [mm]	[kg]
S04	8 / 10	4	23.6	21.2	65	1168 x 686 x 711	315
S06	8 / 10	5.5	34.5	26.0	70	1168 x 762 x 711	352
S08	8 / 10	7.5	53.0	41.3	73	1168 x 762 x 711	367

Duplex

Model	Nominal Pressure	Drive Motor	FAD at 8 bar g ¹⁾	FAD at 10 bar g ¹⁾	Noise level	Dimensions	Weight
	[bar g]	[kW]	[m³/hr]	[m³/hr]	[dB(A)]	L x W x H [mm]	[kg]
S07D	8 / 10	7	47.2	42.5	64	1420 x 864 x 1404	562
S11D	8 / 10	11	69.0	52.0	68	1422 x 864 x 1397	599
S15D	8 / 10	15	106.0	82.6	71	1422 x 864 x 1397	615

CompAir R-Series – Piston compressor range

Model	Cooling Method	Working Pressure	Drive Motor	Volume Flow Max ¹⁾	Excluding housing			Including housing		
		[bar g]	[kW]	[m³/min]	Noise level	Dimensions	Weight	Noise level	Dimensions	Weight
					[dB(A)]	L x W x H [mm]	[kg]	[dB(A)]	L x W x H [mm]	[kg]
R80	Water	4 - 10	45	8.0	79	1662 x 1630 x 1364	1650	69	2766 x 2016 x 1860	2750
		11 - 12	55							
R100	Water	4 - 9	55	10.0	79	1796 x 1630 x 1364	1815	69	2766 x 2016 x 1860	2915
		10 - 12	75							
R135	Water	4 - 12	75	13.3	83	1796 x 1630 x 1364	2480	73	2766 x 2016 x 1860	3580
R180	Water	4 - 7	90	18.1	83	2021 x 1835 x 1553	2760	73	2766 x 2016 x 1860	3860
		8 - 12	110							

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)

Global experience – truly local service

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®
- Rotary Scroll

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
- iConn - Smart Flow Management

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



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