



Leading oil-free innovation

Energy efficiency redefined

Innovative oil-free compressed air technologies



CompA

PureAir

PureAir

Conn

& CompAir

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PureAir

iConn[®]

ISO CLASS: ZERO PLUS SILICONE FREE

Purear from Compares

 Guaranteed 100% oil-free compressed air

CompAir 6

PureAir

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& CompAir

ULTIMA U160

BEST

PureAir

iConn

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PureAir

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, oilfree 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.



and Energy Savings A true oil-free compressor does

Lower Maintenance Cost

not have oil in the compressor does 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.

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Air CompAir

ULTIMA U160

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Pressure range 4 to 10 bar

> **Volume flow** 6.7 to 23.9 m³/min

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A Motor power 75 to 160 kW



Ultima[™]

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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.

Ultima[™] – The real deal

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

HIGHEST EFFICIENCY LEVELS

- Up to 13% savings compared to industry standard

OPTIMAL PERFORMANCE AT ANY LOAD

- LP & HP airends individually driven
- No gearbox required

BEST-IN-CLASS FOOTPRINT

- Up to 37% smaller than industry standard

THE QUIETEST COMPRESSOR IN ITS CLASS

- Max 69 db(A) (water cooled) and 70 db (A) (air-cooled)
- Easy installation at point of use

FULL UPGRADABILITY BETWEEN 75KW AND 160KW

- If your demand increases Ultima can be upgraded
- Immediately available, no delivery time, no downtime for installation
- Much cheaper than an investment in a new/ additional compressor

MINIMUM POWER CONSUMPTION IN IDLE LOAD

- Up to -45% compared to industry standard

VERY EFFICIENT HEAT RECOVERY

- 100% recovery of all heat generated by the compressor
- The first air-cooled oil-free compressor that can be used for process heat recovery

OIL AND SILICONE FREE

- Highest level of air quality
- Class 0 certified

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EASY INSTALLATION

- No ducting required
- Fits through almost every door

ICONN COMPRESSED AIR SERVICE

- Pro-active maintenance
- Avoid unplanned outages

- Free of charge



- MULTIPLE FURTHER OPTIONS TO MEET INDIVIDUAL DEMANDS
 - Outdoor variant, HOC connection, U-Cooler and many more...

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.





Ultima™

Ultima is the only air-cooled oil-free compressor on the market that is applicable for heat recovery



The unique drive design

Traditional oil-free compressors are driven by a single motor using a gearbox which in turn, drives both the low and high pressure airends. Gearboxes require oil and create friction which equates to energy loss. Ultima uses ultra high efficiency motors which replace the gearbox and the single motor which optimise performance throughout the complete volume range, as the airends can be driven at different speeds dependant on the demand. With a single motor driving both airends together this is not possible. This is where Ultima is hard to beat. The Ultima design utilises an intelligent "digital gearbox" design which continuously monitors and independently adjust the speeds of each airend, ensuring maximum efficiency and pressure ratios at all times.

Premium efficiency airends

Unlike the majority of oil-free airends that quickly succumb to performance degradation, the German engineered and manufactured airends featured in Ultima, use a special coating to ensure maximum efficiency and protection throughout the life of the compressor.

Comparison of annual running costs



Efficiency - 160kW at 10 bar (g)



Running costs per year*

Unique cooling

Ultima's **innovative and patented closed package cooling system** allows for the collection and **recovery of up to 98% of the heat** that is generated during the compression process. This energy can be harnessed to provide process water heating, reaching usable water temperatures of up to 85°C.

Ultima has the added benefit of "hybrid cooling mode" operation. Depending upon the most economic cooling method at the time (eg in the case of seasonally changing availability of cooling water) Ultima can operate in either air-cooled or watercooled mode or a combination of both concurrently.

 * Operation @ 20m³/min 8 bar, 4.000 hours per year, electricity price 15 ct/kWh, gas price 5 ct/kWh

Ultima™

PureAir

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& CompAir

ULTIMA

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

Air Cooledwith Heat Becovery-

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Ultima Air Cooled

DH Series

PureAir

iConn[®] & CompAir

iConn

Cont

Ifecycle

Oil-free water-injected screw compressors





Pressure range 5 to 10 bar



Motor power 15 to 110 kW

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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 waterinjected 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

Energy Savings

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



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.

- 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 Compressed Air Service
 Setting Industry 4.0 standards

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

Design concept



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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

At a glance

- Class Zero Oil FREE Rotary Screw Compressors
- Air- and Water-Cooled
- Fixed Speed and Variable Speed Models
- Air purity that meets the most stringent hygienic standards
- Outstanding reliability for demanding applications

Engineered to meet your needs:

Premium efficiency two stage airend design Unique closed cooling water circuit for airend cooling

- 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
- Operational safety in demanding applications
- Ø Own designed and manufactured airend
- Free iConn inside
- PureCare 6 year warranty

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

- IE4 electric motor optionally available
- Automatic motor lubrication
- Legal conformity
- High reliability
- Operational safety

Easy installation & easy servicing

Small footprint and compact size

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- All connections on one side
- Easy ducting
- Perfect service accessibility
- · Low number of parts and consequently less to service
- Long-term service interval
- · Separate compressed air inlet, allowing external air suction

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
- Speed regulated fans for minimum power consumption at any load

Water cooling

- · High quality shell and tube coolers
- Independent from ambient temperature
- Low noise level
- Optionally stainless steel coolers

Compact design – easy installation

 The small footprint reduces the space required for installation

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





Volume flow

21.2 to 106 m³/hr

Motor power

4 to 15 kW

Compressor configuration

The S-Series of oil-free scroll compressors 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.



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 & Serviceability
- 6 Large Industrial Aftercoolers
- Premium Efficient TEFC Motor
- 8 High Volume Cooling Fan
- **9** Low Noise Sound Enclosure
- Internal Vibration Isolators



Compressor configuration

Depending on the application requirements, the versatile S-Series 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.

Controlling and monitoring

The S-Series 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 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.



HOW to further Value

Compressed air treatment

A modern production system and process demands increasing levels of air quality, and compressed air operators need to ensure that the downstream equipment also delivers on it 100%.

They don't need to worry about the quality of their compressed air – quality that is key to ensuring maximum production efficiency and investment protection.

The new downstream portfolio manufactured by CompAir utilising the latest technology, provides an energy efficient solution at lowest life cycle costs. The same quality, performance and efficiency standards delivered by the compressors can now be enjoyed from the air treatment range.

Water Cyclone Separators Compressed Air Filters Condensate Drain System

Heatless Desiccant Dryers

Heatless Desiccant Dryers

Subfreeze Dryers

Compressed Air Refrigerant Dryer

Heat Regenerative Desiccant Drvers

Heat-of-Compression Dryers (HOC)

& CompAir

Integrated heat recovery

Significant energy and costs savings can be achieved with CompAir's efficient integrated heat recovery system. It can be either factory fitted or supplied as retrofit kit including all necessary pipework and fittings.



Air-cooled Ultima with heat recovery for process heat application

AirPlus

Perfect performance

SmartAir Master compressed air management system

Energy management is crucial for all compressed air users, as the highest cost factor of a compressor is the energy to run it. Over a period of five years, energy accounts for typically 80% of the total costs. Compressed air systems typically comprise of multiple compressors delivering air to a common distribution system. The combined capacity of those machines is generally greater than the maximum site demand.

Characteristics of each compressor

| 0.51 | 5 0.1 bar | 5.011 / 1111 | | |
|-----------------|--|---|--|--|
| | Parameters compre | essor 1 | | |
| К1 | Control: Current priority: Total hours: Loaded hours: | DELCOS XL-LRS Norm 54206 h 52025 h | | |
| 9 82% | FAD max.: FAD cur: FAD min.: | 9. 0 m³/min 7. 3 m³/min 3. 0 m³/min | | |
| | Final temperature: Final pressure: | 41 °C 8. 8 bar | | |
| | Line press. at compress | sor: 8.5 bar | | |
| < 1 | Back Events | Service on | | |

Why a profitable investment

- Harmonises the workload of up to 12 fixed or regulated speed compressors including downstream
- Eliminates energy waste by tightening the network pressure to the narrowest pressure band
- Equalises the running hours for economic servicing and increased uptime
- Optimum performance and monitoring
- Increased plant productivity

Diagram display



iConn

iConn compressed air Service

iConn is a smart, proactive real-time monitoring service that delivers in-depth and real-time knowledge on the system to our compressed air users.



Why you cannot ignore iConn!

✓ Advanced remote analysis

PureAir

- ✓ Predictive evaluates historic data
- ✓ Maximises energy efficiency
- ✓ Optimises compressor performance
- ✓ Reduces downtime
- ✓ Works as an open standard
- ✓ Free on new compressors can be retrofitted
- ✓ Proactive maintenance



Protect your



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.

CompAir genuine spare parts

Genuine CompAir parts and lubricants ensure that compressed air plant reliability and efficiency is maintained at the highest standards. CompAir spare parts are distinguished by:

- · Long service life, even under harshest conditions
- · Minimum losses contributing to energy savings
- · High reliability improving plant up-time
- Products manufactured with the strictest
 Quality Assurance Systems

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 CompAir 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[™] - Technical Data

| Compressor Model | Cooling Method | Working Pressure | Drive Motor | FAD at 8 bar g ^{1]} min - max | D at 8 bar g ^{1]} FAD at 10 bar g ^{1]} min - max min - max | | Dimensions L x W x H | Weight |
|---------------------|-------------------|---------------------|----------------|---|---|---------|-------------------------|--------|
| | | [bar g] | [kW] | [m³/min] | [m³/min] | [dB(A)] | [mm] | [kg] |
| | Air | 4 10 | 76 | 67 110 | 77.00 | 64 | 3244 x 1394 x 1992 | 3360 |
| 075 | Water | 4 - 10 | 75 | 6.7 - 11.9 | 7.7 - 9.9 | 63 | 2044 x 1394 x 1992 | 2750 |
| 1.100 | Air | 4 10 | 90 | 6.7 - 14.9 | 7.7 - 12.7 | 65 | 3244 x 1394 x 1992 | 3360 |
| 090 | Water | 4 - 10 | | | | 64 | 2044 x 1394 x 1992 | 2750 |
| | Air | 4 10 | 110 | 6.7 - 18.5 | 7.7 - 16.3 | 65 | 3244 x 1394 x 1992 | 3360 |
| 0110 | Water | 4 - 10 | | | | 64 | 2044 x 1394 x 1992 | 2750 |
| 11100 | Air | 4 10 | 100 | 0.7.00.0 | 77 100 | 67 | 3244 x 1394 x 1992 | 3360 |
| 0132 | Water | 4 - 10 | 132 | 0.7 - 22.2 | 7.7 - 19.9 | 66 | 2044 x 1394 x 1992 | 2750 |
| | Air | 4 - 10 | 160 | 6.7 - 23.9 | 77 00 6 | 70 | 3244 x 1394 x 1992 | 3360 |
| 0100 | Water | | | | 7.7 - 23.0 | 69 | 2044 x 1394 x 1992 | 2750 |

CompAir DH

Fixed Speed - Air And Water Cooled

| Model | Cooling Method | Working Pressure [bar g] | | MotorFree Air DelivRating[m³/min][kW]8 bar g¹¹ | | Delivered min] 10 bar g ^{1]} | Noise Level [dB(A)] ^{2]} | Dimensions L x W x H [mm] | Weight [kg] |
|-------|-------------------|--------------------------------|----|--|------|---|---|---------------------------------|----------------|
| DICU | Air | _ | 10 | 45 | 0.00 | 1.00 | 68 | 1345 x 880 x 1612 | 672 |
| D15H | Water | 8 | 10 | 15 | 2.30 | 1.60 | 65 | | 624 |
| Deell | Air | 8 | 10 | 22 | 3.50 | 2.89 | 68 | 1345 x 880 x 1612 | 691 |
| D22H | Water | | | | | | 65 | | 643 |
| D37H | Air | _ | 10 | 37 | 5.86 | 5.04 | 71 | 1722 x 920 x 1659 | 960 |
| | Water | 8 | | | | | 61 | | 860 |

Regulated Speed - Air And Water Cooled

| Model | Cooling Method | Working Pressure [bar g] | | Motor Rating | Motor Free Air Delivered Rating [m ³ /min] | | Noise Level at 70% load | Dimensions L x W x H | Weight |
|----------|-------------------|-----------------------------|------|-----------------|--|--------|----------------------------|-------------------------|--------|
| | method | min. | max. | [kW] | min.1] | max.1] | [dB(A)] ^{2]} | [mm] | [kg] |
| | Air | | 10 | 15 | 0.00 | 0.04 | 67 | 1045 x 000 x 1010 | 687 |
| DISH KS | Water | 5 | 10 | 15 | 0.32 | 2.34 | 64 | 1345 X 880 X 1612 | 639 |
| | Air | | 10 | 00 | 0.00 | 0.45 | 67 | 1045 x 000 x 1010 | 687 |
| D22H RS | Water | 5 | 10 | 22 | 0.68 | 3.45 | 64 | 1345 X 880 X 1612 | 658 |
| | Air | 5 | 10 | 37 | 1.09 | 6.87 | 71 | 1722 x 920 x 1659 | 995 |
| D37H R5 | Water | | | | | | 60 | | 895 |
| | Air | 5 | 10 | 45 | 4 47 | 7.04 | 70 | 0150 x 1410 x 1071 | 1570 |
| DOUH RS | Water | 5 | 10 | 45 | 1.17 | 7.64 | /3 | 2158 X 1412 X 1971 | 1490 |
| | Air | | 10 | 75 | 1 70 | 11.39 | 75 | | 1890 |
| D75H RS | Water | 5 | 10 | /5 | 1.72 | | /5 | 2158 x 1412 x 1971 | 1810 |
| D110H RS | Water | 5 | 10 | 110 | 3.04 | 18.55 | 72 | 2158 x 1412 x 1971 | 2200 |

CompAir D-Series

D37 – D75 Fixed Speed

| Compressor Model | Cooling Method | Motor Rating | Nominal Pressure | | | Free Air Delivered at Nominal Pressure ^{1]} [m ³ /min] | | | Dimensions L x W x H | Noise Level ^{2]} [dB(A)] | Weight |
|---------------------|-------------------|-----------------|---------------------|---------|--------|---|-----------|----------|-------------------------|--------------------------------------|--------|
| | | [kW] | [| [bar g] | | 7 bar g | 8.5 bar g | 10 bar g | [mm] | [8 bar g] | [kg] |
| D07 | Air | 07 | - | | 0.5 | 6.0 | 5.1 | | 0040 x 1070 x 1017 | 76 | 2387 |
| D37 | Water | 37 | 37 7 | | 8.5 | 6.0 | 5.2 | - | 2248 X 1372 X 1917 | 76 | 2410 |
| D45 | Air | 45 7 | | 0.5 | | 7.7 | 6.5 | | 0040 x 1070 x 1017 | 76 | 2497 |
| D45 | Water | 40 | | | 6.0 | 7.7 | 6.5 | - | 2240 X 1372 X 1917 | 76 | 2520 |
| DEE | Air | | - | 0.5 | 10 | 9.6 | 8.8 | 7.7 | 0040 x 1070 x 1017 | 76 | 2577 |
| D55 | Water | 55 | 1 | 8.5 | 10 | 9.6 | 8.8 | 7.8 | 2248 X 1372 X 1917 | 76 | 2600 |
| DZEa | Air | 75 | 75 7 | 0.5 | 8.5 10 | 12.7 | 11.6 | 10.7 | 2248 x 1372 x 1917 | 76 | 2682 |
| D/5S | Water | 75 | | 8.5 | | 12.7 | 11.7 | 10.8 | | 76 | 2705 |

D75 – D315 Fixed Speed

| Compressor Model | Cooling Method | Motor Rating | Nominal Pressure | Free Air Delivered ^{1]} [m³/min] | | Dimensions L x W x H | Noise [df | Weight | |
|---------------------|-------------------|-----------------|---------------------|--|----------|--------------------------------|--------------|----------|------|
| | | [kW] | [bar g] | 8 bar g | 10 bar g | [mm] | 8 bar g | 10 bar g | [kg] |
| D75 | Air | 75 | 0 10 | 10.01 | 10.62 | 2507 x 1744 x 2001 | 75 | 74 | 3023 |
| D75 | Water ' | 75 | 0 - 10 | 12.91 | 10.05 | 2001 X 1744 X 2001 | 72 | 70 | 3223 |
| DOO | Air | 00 | 0 10 | 15 65 | 12 70 | $2507 \times 1744 \times 2001$ | 76 | 75 | 3223 |
| D90 | Water | 90 | 8 - 10 | 15.65 | 13.79 | 2097 X 1744 X 2001 | 73 | 72 | 3423 |
| D110 | Air | 110 | 9 10 | 10.51 | 17 30 | $2507 \times 1744 \times 2001$ | 77 | 77 | 3265 |
| DITO | Water | 110 | 0 - 10 | 19.51 | 17.55 | 2001 × 11 + × 2001 | 75 | 74 | 3465 |
| D122 | Air | 100 | 0 10 | 22.39 | 20.50 | $2507 \times 1744 \times 2001$ | 78 | 78 | 3432 |
| D132 | Water | 132 | 0 - 10 | | | 2097 X 1744 X 2001 | 77 | 76 | 3632 |
| D160 | Air | 160 | 10 | - | 22.33 | 0507 × 1744 × 0001 | | 78 | 3644 |
| D160 | Water | 160 | 10 | | | 2097 X 1744 X 2001 | _ | 77 | 3844 |
| DICE | Air | 160 | 0 10 | 29.0 | 04.0 | 2200 × 1004 × 2100 | 78 | 78 | 5170 |
| 0105 | Water | 160 | 8 - 10 | 29.1 | 24.9 | 3300 X 1994 X 2190 | 77 | 78 | 4715 |
| D000 | Air | 000 | 0 10 | 35.8 | 00 | 0000 x 1004 x 0100 | 81 | 81 | 5515 |
| D200 | Water | 200 | 8 - 10 | 36.1 | 32 | 3300 X 1994 X 2190 | 80 | 81 | 5060 |
| DOEO | Air | 050 | 0 10 | 44.1 | 07.0 | 0000 x 1004 x 0100 | 84 | 83 | 5670 |
| D250 | Water | 230 | 0 - TU | 44.5 | 37.2 | 3300 x 1994 x 2190 | 81 | 82 | 5215 |
| DO15 | Air | 015 | 8 | 40.0 | N.A. | 2200 × 1004 × 2100 | 87 | N.A. | 5975 |
| 0315 | Water | 315 | 8 - 10 | 49.2 | 44.5 | 5500 x 1994 x 2190 | 81 | 82 | 5520 |

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 Ievel | 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 Ievel | 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 |

D37RS – D75RS Regulated Speed

| Compressor Model | Cooling Method | Motor Rating | Nominal Pressure | Free Air Delivered At Nominal Pressure ^{1]} | Dimensions L x W x H | Noise Level ^{2]} | Weight | | | | | | | | | |
|---------------------|-------------------|-----------------|---------------------|---|-------------------------|---------------------------|--------|--|--|--|---------|----|-----|--------------------|---------|------|
| | | [kW] | [bar g] | [m³/min] | [mm] | [dB(A)] | [kg] | | | | | | | | | |
| | Air | 07 | 0.5 | F 4 | 0000 x 1115 x 0070 | 65 - 74 | 1579 | | | | | | | | | |
| D37RS V | Water | 37 | 8.5 | 5.1 | 2080 X 1115 X 2070 | 63 - 69 | 1624 | | | | | | | | | |
| | Air | 15 | 0 5 | 6.0 | 0000 × 1115 × 0070 | 65 - 74 | 1579 | | | | | | | | | |
| D40R5 | Water | 40 | 0.0 | 0.3 | 2080 X 1115 X 2070 | 63 - 69 | 1624 | | | | | | | | | |
| DEEDO | Air | FF | FF | EE | | | | | | | <i></i> | 10 | 7.0 | 0070 x 1001 x 1047 | 76 - 80 | 2042 |
| D55R5 | Water | 55 | 10 | 7.8 | 2078 X 1321 X 1947 | 76 - 80 | 2042 | | | | | | | | | |
| 07500 | Air | 75 | 10 | 10.0 | 0070 1001 1047 | 76 - 80 | 2042 | | | | | | | | | |
| DISRS | Water | 15 | 10 | 10.6 | 2078 X 1321 X 1947 | 76 - 80 | 2042 | | | | | | | | | |

D110RS – D315RS Regulated Speed

| Compressor Model | Cooling Method | Motor Rating | Working Pressure | Free Air E [m³/ | Delivered ^{1]} min] | Dimensions L x W x H | Noise Level at 70% Load ^{2]} | Weight |
|---------------------|-------------------|-----------------|---------------------|--------------------|---------------------------------|--------------------------------|--|--------|
| | | [kW] | [bar g] | min. | max. | [mm] | [dB(A)] | [kg] |
| D110BS-8 | Air | 110 | 4 - 8 | 8 89 | 19 51 | 2597 x 1744 x 2001 | 76 | 3278 |
| DITORIO O | Water | 110 | - 0 | 0.00 | 10.01 | 2001 X 1144 X 2001 | 72 | 3478 |
| D110BS-10 | Air | 110 | 4 - 10 | 10.51 | 17.68 | $2507 \times 17/4 \times 2001$ | 76 | 3278 |
| DTIONS-TO | Water | 110 | 4 - 10 | 10.51 | 17.00 | 2337 × 1744 × 2001 | 71 | 3478 |
| D132RS_8 | Air | 132 | 1 0 0 | 8.05 | 22.05 | $2507 \times 1744 \times 2001$ | 77 | 3476 |
| D102110-0 | Water | 102 | 4-0 | 0.90 | 22.35 | 2337 × 1744 × 2001 | 73 | 3676 |
| D122DS 10 | Air | 120 | 4 10 | 10.51 | 21.10 | $2507 \times 1744 \times 2001$ | 77 | 3476 |
| D132h3-10 | Water | 152 | 4 - 10 | 10.51 | 21.10 | 2397 X 1744 X 2001 | 72 | 3676 |
| D160DS 10 | Air | 160 | 4 10 | 10.40 | 03 50 | $2507 \times 1744 \times 2001$ | 77 | 3688 |
| D100h3-10 | Water | 100 | 4 - 10 | 10.40 | 20.02 | 2397 X 1744 X 2001 | 73 | 3888 |
| | Air | 200 | 1 9 5 | 17.0 | 07.4 | 2200 x 1004 x 2100 | 77 | 5565 |
| D200h3-0.5 | Water | 200 | 4 - 8.5 | 17.5 | 37.4 | 3300 X 1994 X 2190 | 77 | 5110 |
| D000DC 10 | Air | 200 | 4 10 | 10 | 00.0 | 2200 v 1004 v 0100 | 77 | 5565 |
| D200R5-10 | Water | 200 | 4 - 10 | 10 | JJ.Z | 3300 X 1994 X 2190 | 79 | 5110 |
| | Air | 050 | 1 0 5 | 17 / | 46.0 | 2200 v 1004 v 0100 | 79 | 5720 |
| D230K5-6.3 | Water | 250 | 4 - 6.0 | 17.4 | 40.9 | 3300 X 1994 X 2190 | 78 | 5265 |
| | Air | 050 | 4 10 | 10.4 | 41 7 | 2200 v 1004 v 0100 | 79 | 5720 |
| D250RS-10 | Water | 250 | 4 - 10 | 10.4 | 41.7 | 3300 X 1994 X 2190 | 79 | 5265 |
| | Air | 015 | 4 0 E | 16.6 | 51 1 | 2200 v 1004 v 0100 | 82 | 6025 |
| D313K5-8.5 | Water | 315 | 4 - 8.5 | 10.0 | 51.1 | 5500 x 1994 X 2190 | 78 | 5570 |
| D315RS-10 | Water | 315 | 4 - 10 | 18.3 | 48.5 | 3300 x 1994 x 2190 | 79 | 5570 |

 $^{1]}$ 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)

 $^{\rm 2I}$ Measured in free field conditions in accordance with ISO 2151, tolerance \pm 3 dB (A)



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