CompAir

SUSTAINABLE MANUFACTURING

Leading oil-free innovation

Energy efficiency redefined

Innovative Oil-Free
Compressed Air Technologies

PureAir

ISO CLASS: ZERO PLUS SILICONE FREE

CompAir

ISO CLASS:
ZERO PLUS SILICONE FREE
CLASS CERTIFIED

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.

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™

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

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

Ultimate Oil-free efficiency

ONLY 69dB(A)

Click to take an INTERACTIVE 360° TOUR

Pressure range
4 to 10 bar

Volume flow
4.3 to 23.9 m³/min

Motor power
55 to 160 kW

GERMAN ENGINEERING
DESIGN & MANUFACTURE

> Highest efficiency levels throughout the life of the compressor.

BEST IN CLASS

Ultima™ delivers on every level

Ultima is a groundbreaking oil-free PureAir compressor from CompAir. Its unique design features two dry screw airends, each driven by a variable-speed, IE5 permanent magnet synchronous motor, offering exceptional efficiency compared to traditional oil-free technology.

With energy being the highest lifecycle cost, Ultima combines ultimate performance and efficiency while delivering a footprint 34% smaller than conventional two-stage oil-free compressors.

Ultima™ – The real deal

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

Unrivalled Energy Efficiency
The Ultima's advanced 2-stage airend design and high-speed permanent magnet (PM) motors deliver best-in-class efficiency, exceeding IE5 and IES2 standards—significantly lowering energy costs.

Space-Saving, Compact Design
Ultima comes with a best-in-class footprint, which is up to 50% smaller than competing models. This maximises valuable floor space while delivering powerful performance.

Direct-Drive, Gearbox-Free Technology
A fully integrated airend-drive system removes the need for a gearbox, reducing friction losses, wear and tear, and overall maintenance needs.

Advanced Heat Recovery for Cost Savings
All models support heat recovery – producing hot water up to 90°C, allowing industries to reuse waste heat for process heating, water heating, and facility warming, dramatically cutting operational costs.

Whisper-Quiet Operation
Ultima creates a quieter working environment designed for ultra-low noise levels, making it ideal for noise-sensitive applications.

Smart Digital Control & Remote Monitoring
The intuitive Delcos XL SE7 Controller provides a real-time overview of compressor performance, remote connectivity, and predictive maintenance insights—enhancing uptime and efficiency.

Future-Ready Power Upgrades
Ultima can be scaled up with on-demand power upgrades as your business grows, eliminating the need for costly additional compressors.

Multiple energy saving dryer options for lowest pressure dew points – e.g. Subfreezing, Drum dryer, HOC.

Comprehensive Service & Predictive Maintenance
Built-in iConn connectivity provides proactive service alerts and real-time system monitoring powered by Ecoplant, minimising downtime and ensuring continuous operation.

Ultima: Performance, Reliability, and Sustainability **– All in One!**

Unrivalled power to weight ratio

Ultima contributes to bottom line cost savings in many ways. Not only does it deliver outstanding efficiency and significantly lower lifecycle costs, the second-generation Ultima compressors need 34% less floor space than their predecessors and up to 50% less than other brands, allowing easy installation even in tight spaces — saving both space and property costs.

Ultima™

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

The unique drive design

Traditional oil-free compressors use:
- A single motor
- A gearbox to drive both airends
- This leads to **energy loss due to friction**

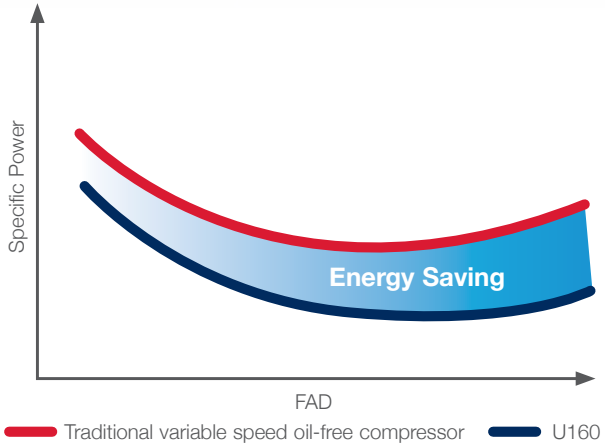
Ultima offers a more efficient solution by:
- Replacing the gearbox with **ultra-high-efficiency and high speed motors**

Each airend operates:
- At **variable speeds** based on demand.
- Independently controlled by **Ultima's intelligent "digital gearbox"**

This design ensures:
- **Maximum efficiency** at all times
- **Optimal pressure ratios**, adjusting in real-time

Premium efficiency airends

Unlike most oil-free airends that quickly lose performance, the German-engineered and manufactured airends in Ultima use a special coating to ensure maximum efficiency and protection throughout the compressor's lifetime.

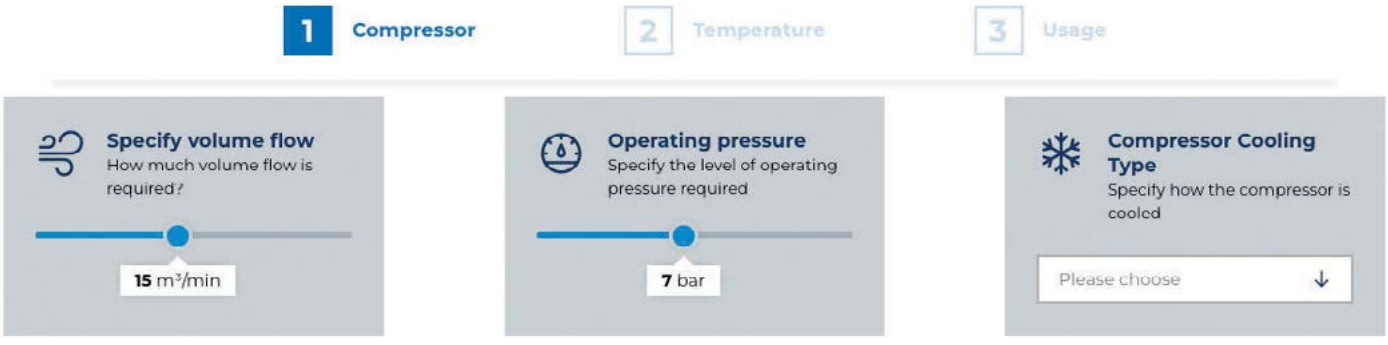


Even greater efficiency

- Regulated speed compressors go into idle run at minimum speed, wasting energy
- Ultima uses 45% less energy in idle run compared to conventional two-stage compressors
- A 160kW Ultima compressor uses less than 8kW in idle run

Calculate **your savings**

Find out your energy and cost savings when you invest in a latest-generation compressor and a heat recovery system.



Click here to **calculate your savings now!**

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

Heat Recovery
with oil-free Ultima compressors

All models support **heat recovery – producing hot water up to 90°C,** allowing industries to **reuse waste heat** for **process heating, water heating, and facility warming,** dramatically cutting operational costs.

The Ultima compressor range offers various heat recovery options **to meet individual customer needs**

Give your compressed air system an **efficiency upgrade**

With a CompAir heat recovery system, the heat generated by the compressor can be reused.

- Extremely short payback time
- Reduced CO_2 emissions
- Turnkey solutions available
- Simple installation
- Improved environmental footprint
- No impact on compressed air supply

Ultima Air Cooled

Use waste heat to heat:

- Space-heating
- Industrial process heat
- Hot water
- Pre-heating for steam generation

DX Series

Oil-free rotary screw compressors, fixed and regulated speed. Air and water cooled

When PureAir Technology is High Priority

Pressure range
4 to 10.5 bar

Volume flow
6.7 to 53.3 m³/min

Motor power
90 to 355 kW

What makes our oil-free DX screw compressors unique?

- ✓ State-of-the-Art Airend
- ✓ Up to **8%** higher flow compared to industry standard
- ✓ Dedicated 7.5, 8.5 and 10.5 bar models
- ✓ Up to **7%** (Fixed Speed) **& 5%** (Variable Speed) **energy reduction**
- ✓ Variable speed models with **turndown** rates of up to **71%**
- ✓ Wide variety of pre-engineered and **customised options**
- ✓ Further savings with optional **heat recovery**
- ✓ **Free iConn inside**
- ✓ **ASSURE Service** Program with different coverage options

The Airend – How we build reliability into every detail

Compressor rotors take a beating. Over time, their surfaces can deteriorate, leading to reduced air flow and increasing risk of corrosion.

CompAir eliminates this problem with UltraCoat, an advanced rotor and housing protection process that ensures the most durable coating, with unmatched adhesion properties and temperature resistance.

In conjunction with a second-stage stainless steel rotor, UltraCoat delivers greater reliability in performance and air quality, rotor longevity, increased uptime, and reduced energy costs.

The optimised 2-stage airend design is a maintenance-free, sealed drive system which enhances reliability and improves efficiency.

At a glance

- Class Zero Oil FREE RotaryScrew 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

DX Series

Oil-free rotary screw compressors, fixed and regulated speed. Air and water cooled

Main features & benefits

Best-in-Class Efficiency

With a 14% improvement in energy efficiency and a 9% improvement in delivered capacity, our DX 90 - 355 Series offers unmatched performance and efficiency. Their design is optimised with an analytics-modelled airflow and piping system, as well as water jacketed air end cooling and IE5, ultra-premium efficiency motor technology for VSD packages.* You can also enjoy massive turndown with an integrated variable speed drive and condition-based variable speed fan blower control, helping to maximise your productivity and efficiency.

Market-Leading Reliability

Every design aspect incorporated into the oil-free DX 90 - 355 series has been optimised for ultimate reliability! From their UltraCoat™ mechanically bonded coating to reduce corrosion, smart no-loss drain, pneumatic blowdown and hydraulic inlet valve to their free-floating cooling system, V-Shield technology and the premium efficiency IE5 motors used in the RS models,* you can enjoy total peace of mind!

** Only valid for the 90-160 kW RS models. All other models use IE4 motors.*

Flexible Design Options

Our compressors offer air-cooled and water-cooled configurations, fixed and regulated speed, different pressure variants, extreme ambient temperature options, high dust filtration and outdoor modifications for harsh environments and many more to best match your application.

Reducing Lifecycle Costs

Long-life consumables allow for reduced maintenance and lifecycle costs, but if maintenance is required, wear items such as filters and heat exchangers are all easily accessible! Our DX 90 - 355 models also have other innovative components designed to reduce lifecycle costs, including hinged removable doors, which allow for safe and easy maintenance and package pre-filtration to keep dust and dirt out of your system.

Higher Rated Cooling Capacity

Our compressor systems are designed for operation at ambient conditions up to 46°C. This provides an additional cooling margin for trouble-free operation at higher temperatures, and again contributes to the overall reliability and efficiency of the compressor package.

> The design of these packages ensures that the service points are readily accessible.

Advanced Compressor Control

Our advanced controllers deliver increased control and functionality through an intuitive user interface and provide remote access with any common, current web browser. Variable speed models can sequence up to four compressors without additional hardware to increase efficiency and stabilise pressure. With built-in graphical trending, you can gain expert insights into your compressor's activity, allowing for optimum operation. Also, managing energy consumption has never been so easy, with its optional energy monitoring system and comprehensive energy dashboard, which displays consumption, cost and efficiency data.

Saving energy and protecting the environment

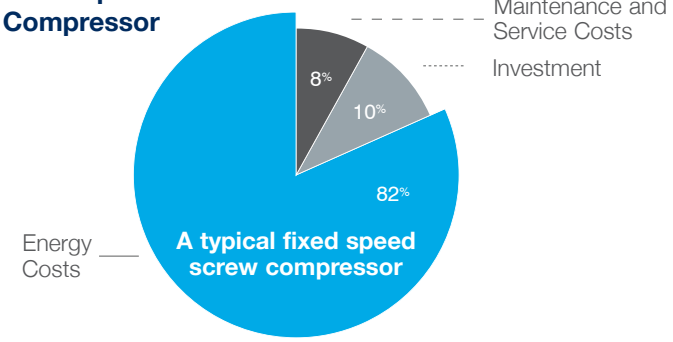
Over a period of five years, energy accounts for typically 80% of the total costs. However, this high share also means that there is considerable potential for savings.

Why Regulated Speed Compressors?

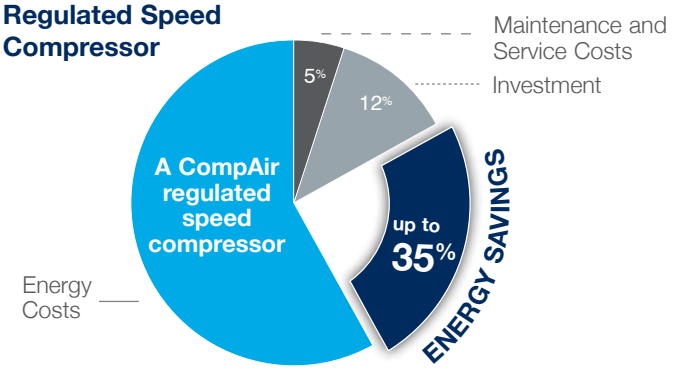
We fully integrate matched variable speed drives with the appropriate motors to maximise efficiency and reliability. The high performance motors provide wide turndown and the ability to turn off immediately at minimum speed, so there's no need to continue running unloaded. RS air compressors provide the greatest possible energy savings while delivering reliable, clean air.

Maintenance and Service Costs

Fixed Speed Compressor



Regulated Speed Compressor



Achieve up to 35% Savings over traditional fixed speed

Fixed speed compressors usually require a larger control band, while RS compressors operate much closer to the target pressure. Every 1 bar (over required pressure costs an additional 7% in power!

effiDRIVE IES2 COMPLIANT

Perfect motor - drive - airend design

DX-RS Series features a high efficient Power Drive System that exceeds the class **IES2 EN61800-9** requirements and assures high energy savings across broad flow range.

Long life ultra premium efficiency IE5 motors* used on the RS models contribute to world-class package efficiency levels to IEC 60034-30-2, at any load.

Wide regulation range

No cycles means substantial energy savings.

** Only valid for the 90-160 kW RS models. All other models use IE4 motors.*

DH Series

Oil-free single-stage water-injected screw compressor

iConn

Low lifecycle costs

Oil-free water-injected screw compressors

Pressure range
5 to 10 bar

Volume flow
0.32 to 6.87 m³/min

Motor power
15 to 37 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.

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.

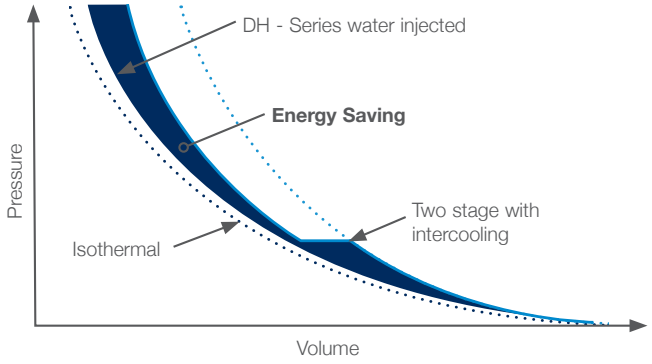
Delivering the highest quality, oil-free compressed air for all applications

- 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 Compressed Air Service - 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

Oil-free two-stage screw compressor

Innovative design concept

Pressure range
7 to 10 bar

Volume flow
5.1 to 12.7 m³/min

Motor power
37 to 75 kW

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

What it is:

- Class Zero Oil FREE Rotary Screw Compressors
- Nominal Power from 37-75 kW
- Capacity of up to 12.7 m³/min (@ 7 bar g)
- Fixed Speed and Variable Speed (RS) Models
- Air-cooled and Water-cooled
- Numerous Further Options

Features & Benefits

Highest productivity

- Oil Free Class 0 certified air delivered for the most demanding industries
- Intuitive Controller with extensive events history and advanced connectivity

Optimum efficiency

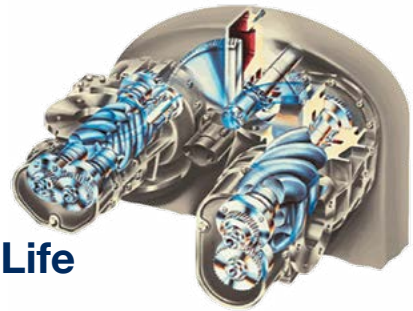
- RS models with HPM Motor Technology
- Hot Air Discharge option for lowest pressure dew points without additional energy consumption via HOC dryer
- Energy Recovery System (ERS Ready) option to conserve heat energy and save thousands per year

Maximum reliability

- Patented Ultracoat™ treatment of rotors and internal parts of compression chamber to avoid corrosion
- Stainless Steel robust piping design on the cold side
- Efficient inlet air filter for the best care of the air compressed path
- IP65 electrical fittings and control panel

Value added services

- Easy access to main components
- No special tools required
- 8000 hours coolant change interval
- Free iConn inside
- Service and warranty programmes



Robust Long-Life Airend Design:

- ✓ UltraCoat protection - the most durable coating in the industry
- ✓ Precision machined gears
- ✓ Oversized bearings
- ✓ Stainless steel air seals
- ✓ Unique labyrinth oil seal design
- ✓ Stainless steel 2nd stage rotors
- ✓ Stainless steel, aluminium and treated piping on critical components

Advanced HPM Motors for RS models:

- ✓ Best-in-Class motor efficiency
- ✓ 30% or more energy savings compared to conventional compressor control
- ✓ Unlimited starts and stops
- ✓ Increased motor life and reliability
- ✓ Low maintenance cost

More than just Compressors...

Single Source Air Treatment Systems – Air Quality Assured

Designed and **manufactured** by CompAir

- **Air dryers** to improve productivity, system efficiency and product / process quality
- Leak-free, low pressure drop **EPL Piping**
- **Drain Valves** remove contaminates from the system without losing compressed air
- **Flow and system controllers** for compressed air system optimisation
- **Filtration products** like high-quality in-line filters and activated carbon towers ensure clean air and improve productivity
- **Oil Water Separators** remove lubricant from compressed air condensate for an environmentally friendly disposal

Meeting & **exceeding** expectations

Single Source Air Treatment Systems – The Latest Innovation

The NEW Sub-Freezing Dryer from CompAir

- **Revolutionary & UNIQUE** design concept sub-freezing dryer.
- **-20°C sub-zero pressure dew point** (PDP) meeting Class 3 requirements according to ISO 8573-1
- **Low operating, energy and upfront investment**
- The first of its kind – delivers -20°C (-4°F) PDP at **70% lower costs compared to desiccant technologies!**

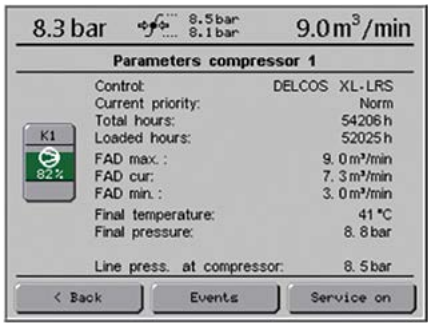
AirPlus

Perfect control
- 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.

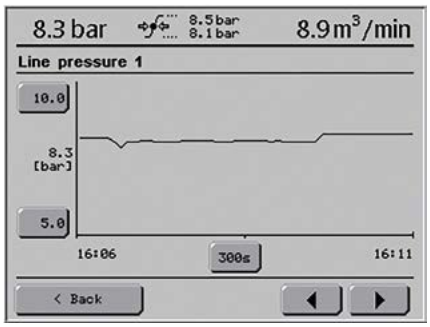
Characteristics of each compressor



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



Predictive Maintenance

iConn inside

Machine intelligence drives greater energy efficiency

Ecoplant is an AI-driven energy efficiency solution that optimises compressed air systems. It continuously monitors, analyses, and adjusts compressor operations to reduce energy waste, lower CO_2 emissions, and cut costs by up to 20%. Integrated with iConn, it ensures:

- Minimised outages & stable pressure
- ISO quality standards compliance
- Proactive issue detection to prevent downtime and enhance reliability
- Optimised energy use and reduced costs

iConn Compressed Air Service 4.0

The Ultima Series is equipped with iConn as standard. iConn is the smart, proactive real-time monitoring service that delivers in-depth and real-time knowledge on the system to compressed air users.

- Advanced remote analysis
- 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

...that is why you cannot ignore iConn!

Powered by ECOPLANT

Protect your investment

Assure

Invest in your future with a Service & Warranty Agreement

Compressed air is critical to your operation. A proper maintenance strategy is crucial to avoiding unplanned, unbudgeted downtime and production interruptions. By choosing a Service agreement including an extended warranty you protect your investment.

It all adds up to **peace of mind**

Lower Cost of Ownership

Service and Warranty Agreements provide the most cost-effective solutions based on your customised maintenance strategy.

Quality Results

Factory trained technicians allows you to focus on your core business, while they take care of your compressor system.

Increased Uptime

Service Agreements help decrease unplanned downtime and costly production interruptions.

Efficient Energy Use

Peak system efficiency is achieved through properly performed maintenance and inspection.

Peace of Mind

A Service agreement ensures an extended warranty. Depends on duration.

CompAir **genuine spare parts**

Assure Genuine 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

Oil-free
Product Range

CompAir DH - Technical Data

Fixed Speed - Air And Water Cooled

Compressor Model	Cooling Method	Motor Rating [kW]	Working Pressure [bar g]		Free Air Delivered [m³/min]		Dimensions L x W x H [mm]	Noise Level [dB(A)] [2]	Weight [kg]
					8 bar g [1]	10 bar g [1]			
D15H	Air	15	8	10	2.30	1.80	1309 x 848 x 1612	68	672
	Water							65	624
D22H	Air	22	8	10	3.50	2.89	1309 x 848 x 1612	68	691
	Water							65	643
D37H	Air	37	8	10	5.86	5.04	1686 x 886 x 1657	71	960
	Water							61	860

Regulated Speed - Air And Water Cooled

Compressor Model	Cooling Method	Motor Rating [kW]	Working Pressure [bar g]		Free Air Delivered [m³/min]		Dimensions L x W x H [mm]	Noise Level at 70% load [dB(A)] [2]	Weight [kg]
			min.	max.	min. [1]	max. [1]			
D15H RS	Air	15	5	10	0.32	2.34	1309 x 848 x 1612	67	687
	Water							64	639
D22H RS	Air	22	5	10	0.68	3.45	1309 x 848 x 1612	67	687
	Water							64	658
D37H RS	Air	37	5	10	1.09	6.87	1722 x 920 x 1659	71	995
	Water							60	895

CompAir D - Technical Data

D37 – D75 Fixed Speed

Compressor Model	Cooling Method	Motor Rating [kW]	Nominal Pressure [bar g]			Free Air Delivered at Nominal Pressure [1] [m³/min]			Dimensions L x W x H [mm]	Noise Level [2] [dB(A)]	Weight [kg]
						7 bar g	8.5 bar g	10 bar g		8 bar g	
D37	Air	37	7	8.5		6.0	5.1	-	2248 x 1372 x 1917	76	2387
	Water					6.0	5.2			76	2410
D45	Air	45	7	8.5		7.7	6.5	-	2248 x 1372 x 1917	76	2497
	Water					7.7	6.5			76	2520
D55	Air	55	7	8.5	10	9.6	8.8	7.7	2248 x 1372 x 1917	76	2577
	Water					9.6	8.8	7.8		76	2600
D75s	Air	75	7	8.5	10	12.7	11.6	10.7	2248 x 1372 x 1917	76	2682
	Water					12.7	11.7	10.8		76	2705

D37RS – D75RS Regulated Speed

Compressor Model	Cooling Method	Motor Rating [kW]	Nominal Pressure [bar g]	Free Air Delivered at Nominal Pressure [2] [m³/min]	Dimensions L x W x H [mm]	Noise Level [2] [dB(A)]	Weight [kg]
D37RS	Air	37	8.5	5.1	2080 x 1115 x 2070	65 - 74	1579
	Water					63 - 69	1624
D45RS	Air	45	8.5	6.3	2080 x 1115 x 2070	65 - 74	1579
	Water					63 - 69	1624
D55RS	Air	55	10	7.8	2078 x 1321 x 1947	76 - 80	2042
	Water					76 - 80	2042
D75sRS	Air	75	10	10.6	2078 x 1321 x 1947	76 - 80	2042
	Water					76 - 80	2042

CompAir Ultima™ Technical Data

Compressor Model	Cooling Method	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]
U55s	Water	5 - 10	55	4.4 - 10.4	4.3 - 8.9	64	1831 x 1081 x 1998	1750
U75	Air	4 - 10	75	6.7 - 11.9	7.7 - 9.9	64	3244 x 1394 x 1992	3360
	Water					63	2044 x 1394 x 1992	2750
U75s	Water	5 - 10	75	4.4 - 14.4	4.3 - 12.8	67	1831 x 1081 x 1998	1750
U90	Air	4 - 10	90	6.7 - 14.9	7.7 - 12.7	65	3244 x 1394 x 1992	3360
	Water					64	2044 x 1394 x 1992	2750
U90s	Water	5 - 10	90	4.4 - 17.0	4.3 - 15.5	68	1831 x 1081 x 1998	1750
U110	Air	4 - 10	110	6.7 - 18.5	7.7 - 16.3	65	3244 x 1394 x 1992	3360
	Water					64	2044 x 1394 x 1992	2750
U110s	Water	5 - 10	110	4.4 - 19.6	4.3 - 18.5	69	1831 x 1081 x 1998	1750
U132	Air	4 - 10	132	6.7 - 22.2	7.7 - 19.9	67	3244 x 1394 x 1992	3360
	Water					66	2044 x 1394 x 1992	2750
U160	Air	4 - 10	160	6.7 - 23.9	7.7 - 23.6	70	3244 x 1394 x 1992	3360
	Water					69	2044 x 1394 x 1992	2750

CompAir DX - Technical Data

DX90 – 160 Fixed Speed

Compressor Model	Cooling Method	Motor Rating [kW]	Nominal Pressure 7.5 bar g	Nominal Pressure 8.5 bar g	Nominal Pressure 10.5 bar g	Free Air Delivered [1] [m³/min] 7 bar g	Free Air Delivered [1] [m³/min] 8 bar g	Free Air Delivered [1] [m³/min] 10 bar g	Dimensions L x W x H [mm]	Noise Level [2] [dB(A)] 8 bar g	Weight [kg]
DX90	Air	90	•	•	•	17.4	16.7	14.6	2712 x 1825 x 2200	78	3441
	Water					17.6	16.7	14.9		75	3309
DX110	Air	110	•	•	•	21.0	20.1	18.2		78	3678
	Water					21.2	20.3	18.4		75	3546
DX132	Air	132	•	•	•	24.7	23.7	21.8		78	3932
	Water					24.9	23.9	22.0		75	3800
DX160	Air	160	•	•	•	28.1	28.0	25.9		78	3934
	Water					28.3	28.0	26.1		75	3802

DX90 – 160RS Regulated Speed

Compressor Model	Cooling Method	Motor Rating [kW]	Nominal Pressure [bar g]	Free Air Delivered at 7 bar g [1] [m³/min] min.	Free Air Delivered at 7 bar g [1] [m³/min] max.	Dimensions L x W x H [mm]	Noise Level [2] [dB(A)] 8 bar g	Weight [kg]
DX90RS	Air	90	10.7	7.0	17.2	2712 x 1825 x 2200	64 - 78	3297
	Water			7.3	17.4		62 - 75	3165
DX110RS	Air	110	10.7	7.0	19.7		64 - 78	3297
	Water			7.3	19.9		62 - 75	3165
DX132RS	Air	132	10.7	6.7	24.2		64 - 78	3297
	Water			6.9	24.4		62 - 75	3165
DX160RS	Air	160	10.7	6.7	26.7		64 - 78	3297
	Water			6.9	26.9		62 - 75	3165

DX200 – 355 Fixed Speed

Compressor Model	Cooling Method	Motor Rating [kW]	Nominal Pressure 7 bar g	Nominal Pressure 8 bar g	Nominal Pressure 10 bar g	Free Air Delivered [1] [m³/min] 7 bar g	Free Air Delivered [1] [m³/min] 8 bar g	Free Air Delivered [1] [m³/min] 10 bar g	Dimensions L x W x H [mm]	Noise Level [2] [dB(A)] 8 bar g	Weight [kg]
DX200	Air	200	•	•	•	37.6	35.0	31.8	3457x2152x2446	80	6426
	Water					37.7	35.1	31.8		76	5734
DX200[e]	Water	200	•	•	•	38.1	35.5	32.3		76	5734
DX250	Air	250	•	•	•	45.2	43.6	40.6		80	6446
	Water									76	5754
DX250[e]	Water	250	•	•	•	45.6	44.1	41.1		76	5754
DX315	Air	315	•	•	•	52.9	51.3	49.1		80	6446
	Water					52.9	51.4	49.1		76	5754
DX315[e]	Water	315	•	•	•	53.3	51.8	49.5		76	5754
DX355	Water	355	-	-	•	-	-	52.8		76	5754
DX355[e]	Water	355	-	-	•	-	-	53.3		76	5754

DX200 – 355RS Regulated Speed

Compressor Model	Cooling Method	Motor Rating [kW]	Nominal Pressure [bar g]	Free Air Delivered at 7 bar g [1] [m³/min] min.	Free Air Delivered at 7 bar g [1] [m³/min] max.	Dimensions L x W x H [mm]	Noise Level [2] [dB(A)] 8 bar g	Weight [kg]
DX200RS	Air	200	10	11.6	34.7	3457x2152x2446	80	6556
	Water		10				76	5864
DX200[e]RS	Water	200	10	12.1	35.5		76	5864
DX250RS	Air	250	10	12.4	42.1		80	6556
	Water		10				76	5864
DX250[e]RS	Water	250	10	12.9	43.2		76	5864
DX315RS	Air	315	10	14.7	50.2		80	6586
	Water		10				76	5894
DX315[e]RS	Water	315	10	15.2	51.2		76	5894
DX355RS	Water	355	10	14.7	50.8		76	5894
DX355[e]RS	Water	355	10	15.2	51.2		76	5894

[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)

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