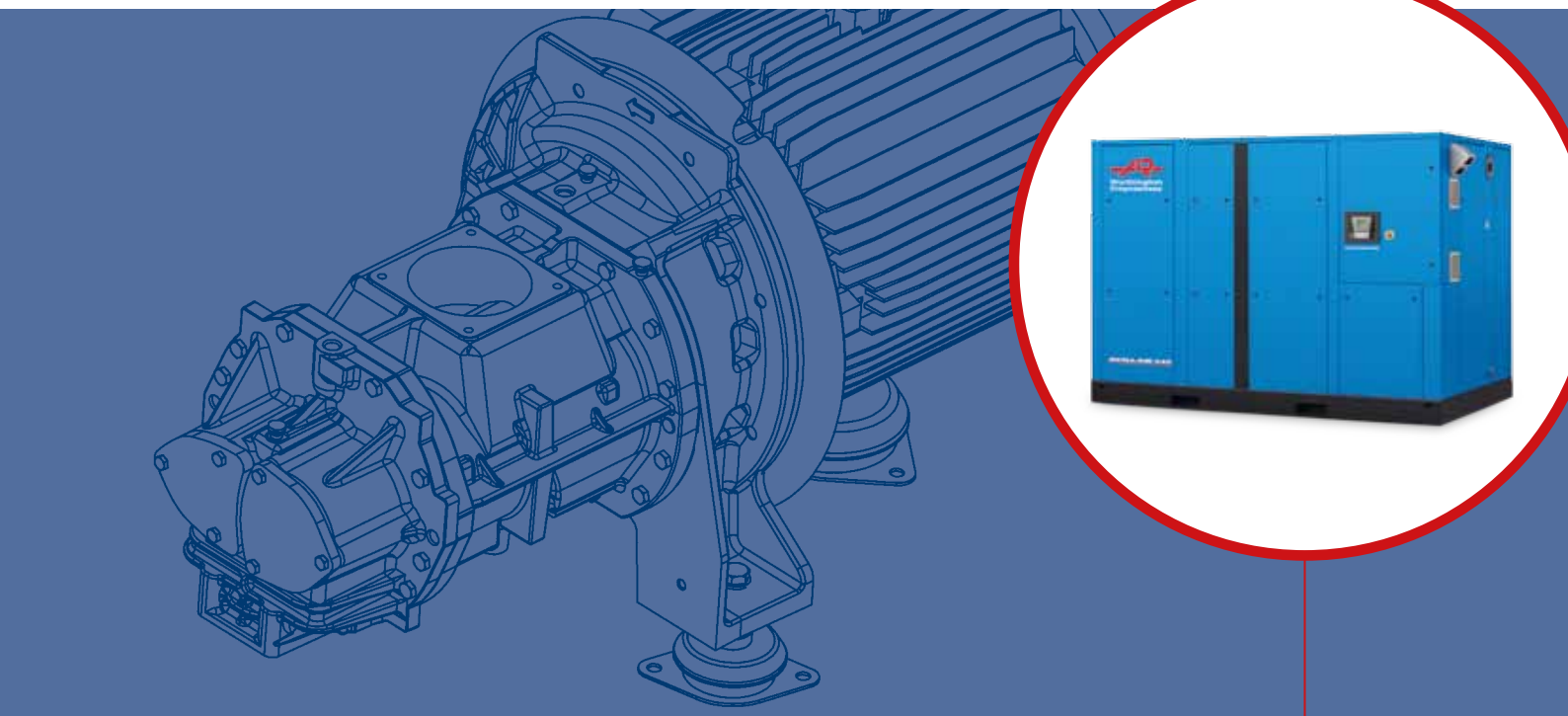
Rollair©
Air Compressors







ROLLAIR 270 TO 340

Worthington Creyssensac

Worthington Creyssensac

Driven by technology. Designed by experience.

Worthington Creyssensac has over 145 years of industrial experience. It is our ambition to offer compressed air solutions that ensure we are first in choice for our customers. To reach this goal we need continuous investment in our product development to make sure that we are always able to offer:

- High performance and excellent quality
- Integrated engineered solutions
- Full energy efficiency
- Total cost of ownership
- Environmental care

www.airwco.com

Rollair 270-340: A new milestone for Worthington Creyssensac

Our objective at Worthington Creyssensac is always to offer the right solution to help our customers reach the highest productivity. Innovation, experience and continuous improvement have led us to reach the optimum levels of efficiency and reliability in the industry.

The new Rollair 270-340 is the new milestone in this success story. Precise mechanics, modern design and high-quality components have been selected for these machines because there is no compromise when it comes to reliability.

The integrated and efficient package of the Rollair 270-340 is designed to guarantee your peace of mind:

- All components are meticulously selected.

- All machines are manufactured and tested according to ISO 9001, ISO 14001 and ISO 1217.

A range to cover all your needs

The Rollair 270-340 sets a new standard in the industry

Several models and variants are available to meet your specific needs:

- Air or water variants
- Several pressure variants
- Numerous options to optimize your installation according to your needs

Large range of options to enhance your system

- Energy efficiency
- Lubricants and servicing
- Monitoring and connectivity
- Power protection

Energy audit

To optimize your energy efficiency, you need to select the right compressor. Contact your local Worthington Creyssensac representative and we will perform a simulation based on your parameters to help you get the perfect compressed air solution.

“Get all these benefits in just one package”

Highly efficient drive train

The screw element is fully field-proven. Meticulous production processes coupled with innovative technical designs are behind its outstanding performance. To reach the highest output and fulfill our environmental responsibility, it is coupled with an IP 55 motor. A gear-driven transmission enhances efficiency and reliability.

Optimized cooling system

For a lifetime of reliable, efficient operation, a high-efficiency aluminium cooler block with a large surface area reduces the air and oil fluid temperature to the minimum and avoids heat build-up inside the canopy. Ventilation fans guarantee a large cooling capacity with a minimum noise level.

Easy and safe to service

Large opening panels ensure easy access to all parts for preventive maintenance. Cleaning of the coolers is easy without extra tooling. To change the air/oil housing, the cover of the separator vessel simply lifts and swings away. The controller provides accurate information of the remaining number of hours before the next service schedule, for enhanced maintenance flexibility.

Protective filtration system

To protect the internal components from dust contamination and increase their lifetime, a 2-stage air inlet filter stops particles of 3 micron entering the system. Large dust particles are captured by pre-filtration before the air passes through the high filtration media.

Superior separation system

Guaranteeing the lowest residual oil level is the separation system which operates in three steps: the action of gravity; pre-separation in the oil vessel; and filtration by the oil separator. The result is a fluids content less than 3 mg/m^3.

Reliable water separator drain as standard

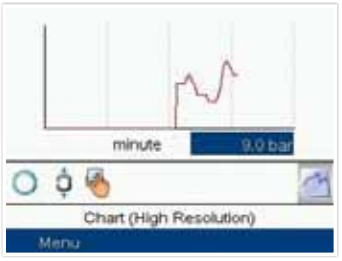
A large diameter water separator drain ensures constant removal of condensate and prevents clogging even in humid conditions.

Reliable operation in demanding conditions

A robust canopy and time-proven components ensure trouble-free operation. Machines are delivered ready to use without hidden, additional costs. All connection points are located on one side for easy installation.

Airlogic²: Connectivity and control

Smart, with intuitive navigation and a user-friendly graphic interface, the new Airlogic² controller is the ideal management tool for your compressed air system. A large range of features is available with the Airlogic² to help you monitor, protect and optimize your installation.



Monitor

- Large, color screen for comprehensive information and data
- User-friendly interface with clear and easy readout
- Available in 32 different languages
- Clear icons and navigation
- Comprehensive LED indicators for status information: warning, alarm, operation, supply on

Protect

- Warning level
- Alarm levels
- Main motor rotation control
- Pressure drop detection through oil separator
- Number of start-ups limitation
- History of defaults and record of input value for diagnosis
- Auto restart

Optimize

- Dual pressure bands available
- Timers
- Connectivity to ensure efficient pressure regulation when combining several compressors. One of the compressors functions as a master control to all the other units in the room, harmonizing their operations in line with the needs
- Additional input/output for management of external equipment

An extensive range of options

- Lubricants and servicing:
  4000 hours oil, 8000 hours oil or food grade oil
- Phase sequence relay:
  Protect the motor and electrical equipment from any electrical failure
- Modulating control:
  Adjust the compressor flow rate using very slight pressure variations in the operating network
- Energy recovery:
  Recover a lot of the energy generated by the compressor, which can be used to heat up water for showers, boilers, etc.
- Electronic condensate drain:
  Ensure no air loss during condensate removal
- SPM monitoring equipment:
  Shock Pulse Measurement monitoring of the element and motor bearings to determine when replacement is required
- PT 1000 Thermal Protection:
  Provide further protection for the main drive motor (2 additional sensors in the bearings and 3 sensors for the windings)
- Anti-condensation heaters:
  Electric heaters are installed in the main motor windings and connected to the compressor cubicle
- Wooden box packaging for overseas transport

Standard scope of supply

- Air and oil circuit
- Cooling fans for air cooled units
- High-resolution graphical controller
- Noise elimination enclosure
- Ductable air intake and discharge
- High-efficiency, insulation Class F TEFC/IP 54 motor
- Built-in star-delta voltage starter
- High-efficiency air inlet
- Water separator drain
- Air/oil separation system
- Structural skid

Technical specifications

50 Hz machines

	Max. working pressure		Reference working pressure		Free Air Delivery at reference conditions			Motor power		Noise level	Cooling air Volume	Weight	Compressed air output diameter
Model	bar	psi	bar	psi	m^3/min	l/s	cfm	kW	hp	dB(A)	m^3/s	kg	(acc DIN 2633)
RLR 270	7.5	109	7	106	35.5	592.3	1256	200	270	77	8.4	4710	DN100/PN16
	8.5	123	8	120	32.7	545.1	1155	200	270	77	8.4	4710	DN100/PN16
	10	145	9.5	142	30.8	512.6	1087	200	270	77	8.4	4710	DN100/PN16
	13	203	12.5	200	26.2	436.3	925	200	270	77	8.4	4710	DN100/PN16
RLR 340	7.5	109	7	106	40.8	680.6	1443	250	340	78	8.4	4780	DN100/PN16
	8.5	123	8	120	40.0	666.9	1414	250	340	78	8.4	4780	DN100/PN16
	10	145	9.5	142	37.6	626.2	1327	250	340	78	8.4	4780	DN100/PN16

60 Hz machines

	Max. working pressure		Reference working pressure		Free Air Delivery at reference conditions			Motor power		Noise level	Cooling air Volume	Weight	Compressed air output diameter
Model	bar	psi	bar	psi	m^3/min	l/s	cfm	kW	hp	dB(A)	m^3/s	kg	(acc DIN 2633)
RLR 270	7.5	109	7	106	35.1	585.6	1241	200	270	79	9.2	4670	DN100/PN16
	8.5	123	8	120	31.5	524.9	1113	200	270	79	9.2	4670	DN100/PN16
	10	145	9.5	142	29.0	483.1	1024	200	270	79	9.2	4670	DN100/PN16
	13	203	12.5	200	25.6	426.7	905	200	270	79	9.2	4670	DN100/PN16
RLR 340	7.5	109	7	106	39.0	649.8	1377	250	340	79	9.2	4879	DN100/PN16
	8.5	123	8	120	37.0	616.5	1307	250	340	79	9.2	4879	DN100/PN16
	10	145	9.5	142	34.1	568.5	1205	250	340	79	9.2	4879	DN100/PN16

Dimensions

	Length		Width		Height	
Model	mm	inch	mm	inch	mm	inch
RLR 270	3386.0	133.3	2120.0	83.5	2400.0	94.5
RLR 340	3386.0	133.3	2120.0	83.5	2400.0	94.5

Worthington Creyssensac

DRIVEN BY TECHNOLOGY DESIGNED BY EXPERIENCE




CONTACT YOUR LOCAL WORTHINGTON CREYSSENSAC REPRESENTATIVE

Your authorized distributor

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