

Rollair

Air Compressors



ROLLAIR 300 - 1900

Worthington Creyssenac

Driven by technology. Designed by experience.

Worthington Creyssenac has 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 continuously invest 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

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The range that meets all your requirements

With the Rollair 300-1900 range you obtain an efficient, reliable and complete solution, designed to fit your precise requirements.

A wide offer

- Power size available from 3 up to 20 hp.
- 2 pressure variants.
- The complete range is available installed on an air vessel with refrigerant dryers.

Easy accessibility

- Easy to service thanks to the removable panels.
- Low maintenance costs.
- Easy movement and transport thanks to forklift holes on the floor-mounted models (FM).

Highly efficient air filtration & oil separation

- Two micron encapsulated filters guarantee that only clean air enters the compressor, improving overall reliability.
- Less than 3 ppm of oil carry over thanks to cyclonic separation and a big air oil separator filter, drastically improving the compressed air quality.

The options you need

- External dryers available for all tank-mounted models (TM).
- Dryer, pre- and post-filters allow you to improve quality air (Rollair 800-1900, excluding Rollair 850).
- Dryer bypass for easy and fast servicing of the dryer without interrupting the production (Rollair 800-1900, excluding Rollair 850).
- Forklift stirrups for fluent handling of TM units.

The power of the Rollair range

Rollair screw compressors provide compressed air in an efficient way and operate at a very low noise level thanks to the generous sound insulation. The wide offer of multiple models and configurations will meet all your compressed air needs.

Compact, efficient and simple to use

- Easily installed in the workplace because of limited footprint.
- Straightforward controller for easy operation.

Complete installation

Installed on a tank with dryer, this solution allows you to:

- Save installation costs.
- Reduce risk of air leakages.
- Complete your installation with filters and dryer bypass for high quality air and easy maintenance.

Low noise level for better working comfort

Thanks to its generous sound proof insulation, the Rollair can be installed in the workplace. This results in:

- Low pressure drop from compressor to air user in order to save energy.
- Lower installation costs due to reduced piping need.
- Lower risk of air leakages.
- Higher air intake with lower dust content.



Small dimensions, great flexibility

The Rollair 300-1900 range is available as floor mounted, tank mounted and tank mounted with dryer. The air receiver for the range comes in three capacities: 200, 270 and 500 liter. With this large variety of versions and models, Rollair sets a new standard for operational power, quality, operational safety, service life and user comfort.

User benefits

Compact design

- Space-saving tank-mounted solution.
- The light and compact DW refrigerant dryer simplifies your installation and ensures high quality compressed air. The drain allows the removal of condensate without wasting compressed air.
- The zero loss drain allows the removal of condensate without wasting compressed air resulting in significant energy savings.

Safe and fast servicing

- Ideal positioning of maintenance components.
- Reduced maintenance costs.



A complete solution suitable to satisfy your air demand



Improved efficiency

- Highly efficient and well tested air ends grant total peace of mind.
- Reduced energy consumption thanks to Eff1 electric motor class F on insulation, IP55 protection.
- Oil separator designed to ensure minimal pressure drop and oil carry over of less than 3 ppm.

User comfort

- Very low noise level allows installation of the machine close to the workplace.
- Easy to check oil level thanks to external oil level sight glass.



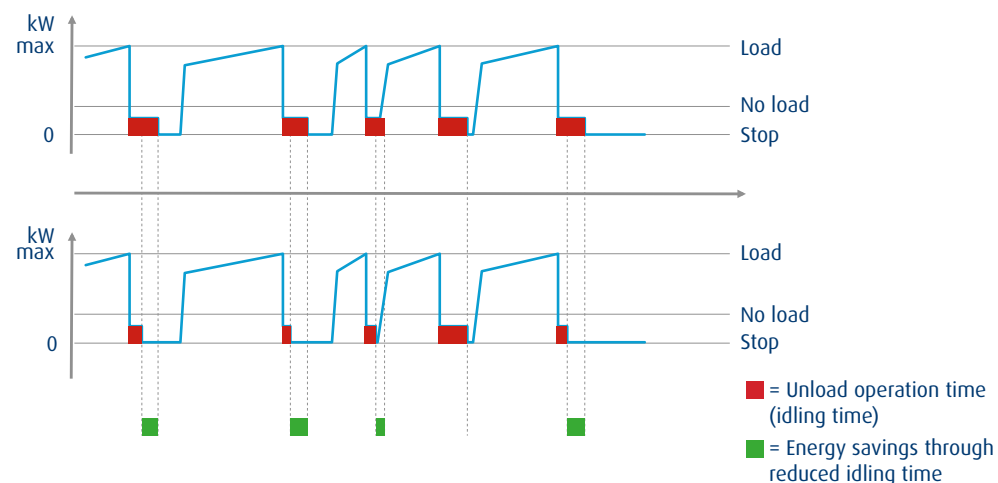
OPTIMIZE YOUR OPERATIONS



ES99*: Energy-saving controller

The ES99 offers you a straightforward control panel, providing a full set of warning messages to simplify your daily operations. Moreover, the ES99 software adjusts the load-no-load time to the actual consumption, preventing the electrical motor from running when it is not needed.

* Available for Rollair 800, 900, 1400 & 1900. Rollair 300-850 is equipped with a simple on/off control.



Available options

- Thanks to the forklift stirrups, you can easily move and position the Rollair in the compressor room (full range).
- To improve the air quality, you can complete your installation with pre- and post-coalescent filters. The centralized drain will discharge all the moisture from the filters, dryer and vessel. Thanks to the dryer bypass you can service the dryer without interrupting the compressor and consequently your air plant (Rollair 800, 900, 1400 & 1900).
- Food grade oil is the right solution for food and beverage or other applications where oil contamination can threaten the production process (Rollair 800, 900, 1400 & 1900).



Technical data

	Max. working pressure		Free Air Delivery			Motor power		Vessel	Start	Sound level	Dimensions		
Type	bar	psi	m³/h	l/min	cfm	hp	kW	litres	DOL/YD	dB(A)	L	W	H
BASE-MOUNTED													
RLR 300 ⁽¹⁾	8	116	18	300	10.6	3	2.2	0	DOL	61	620	605	950
RLR 400			26.7	445	15.8	4	3		DOL	61	620	605	950
RLR 500			33.6	560	19.8	5.5	4		DOL/YD	62	620	605	950
RLR 700			42	700	24.8	7.5	5.5		YD	64	620	605	950
RLR 850			60.48	1008	35.7	10	7.5		YD	66	620	612	975
RLR 800			45	750	26.6	7.5	5.5		YD	65	810	620	975
RLR 900			60.48	1008	35.7	10	7.5		YD	66	810	620	975
RLR 1400			85.68	1428	50.6	15	11		YD	68	810	620	975
RLR1900			105	1750	62.0	20	15		YD	69	810	620	975
RLR 300 ⁽¹⁾			10	145	14.4	240	8.5		3	2.2	DOL	61	620
RLR 400	19.2	320			11.3	4	3	DOL	61	620	605	950	
RLR 500	28.2	470			16.6	5.5	4	DOL/YD	62	620	605	950	
RLR 700	36	600			21.2	7.5	5.5	YD	64	620	605	950	
RLR 850	55.2	920			32.6	10	7.5	YD	66	620	612	975	
RLR 800	37.8	630			22.3	7.5	5.5	YD	65	810	620	975	
RLR 900	55.2	920			32.6	10	7.5	YD	66	810	620	975	
RLR 1400	78.6	1310			46.4	15	11	YD	68	810	620	975	
RLR 1900	99	1650			58.4	20	15	YD	69	810	620	975	
TANK-MOUNTED (+ DRYER) (+ FILTERS)													
RLR 300/200 (T) ^{(1) (2)}	8	116	18	300	10.6	3	2.2	200	DOL	61	1420	575	1255
RLR 400/200 (T) ⁽²⁾			26.7	445	15.8	4	3		DOL	61	1420	575	1255
RLR 500/200 (T) ⁽²⁾			33.6	560	19.8	5.5	4		DOL/YD	62	1420	575	1255
RLR 700/200 (T) ⁽²⁾			42	700	24.8	7.5	5.5		YD	64	1420	575	1255
RLR 850/200 (T) ⁽²⁾			60.48	1008	35.7	10	7.5		YD	66	1420	648	1280
RLR 800/500 (T)(F) ⁽³⁾			45	750	26.6	7.5	5.5	500	YD	65	1935	620	1463
RLR 900/500 (T)(F) ⁽³⁾			60.48	1008	35.7	10	7.5		YD	66	1935	620	1463
RLR 1400/500 (T)(F) ⁽³⁾			85.68	1428	50.6	15	11		YD	68	1935	620	1463
RLR 1900/500 (T)(F) ⁽³⁾			105	1750	62.0	20	15		YD	69	1935	620	1463
RLR 300/200 (T) ^{(1) (2)}	10	145	14.4	240	8.5	3	2.2	200	DOL	61	1420	575	1255
RLR 400/200 (T) ⁽²⁾			19.2	320	11.3	4	3		DOL	61	1420	575	1255
RLR 500/200 (T) ⁽²⁾			28.2	470	16.6	5.5	4		DOL/YD	62	1420	575	1255
RLR 700/200 (T) ⁽²⁾			36	600	21.2	7.5	5.5		YD	64	1420	575	1255
RLR 850/200 (T) (2)			55.2	920	32.6	10	7.5	500	YD	66	1420	648	1280
RLR 800/500 (T)(F) ⁽³⁾			37.8	630	22.3	7.5	5.5		YD	65	1935	620	1463
RLR 900/500 (T)(F) ⁽³⁾			55.2	920	32.6	10	7.5		YD	66	1935	620	1463
RLR 1400/500 (T)(F) ⁽³⁾			78.6	1310	46.4	15	11		YD	68	1935	620	1463
RLR 1900/500 (T)(F) ⁽³⁾			99	1650	58.4	20	15		YD	69	1935	620	1463

Technical data according to ISO 1217 and CAGI PNEUROP standards

⁽¹⁾ ALSO AVAILABLE IN 230 V/1/50Hz

⁽²⁾ ALSO AVAILABLE ON 270 l (1498x582x1340) (1498x648x1365 for RLR 850). Weight: + 11 kg

⁽³⁾ ALSO AVAILABLE ON 270 l (1533x620x1332) Weight: -60 kg

RLR type	WEIGHT (kg)							
	300	400	500	700	800	850	900	1400
BASE-MOUNTED	99	103	105	110	157	160	167	180
TANK-MOUNTED	155	157	159	164	282	214	292	305
TANK-MOUNTED+DRYER	187	191	193	198	325	254/265*	335	349
TANK-MOUNTED+DRYER+FILTERS					330		340	354

* 8 BAR VERSION





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