



# RL-Series Oil Lubricated Rotary Screw Air Compressors

30-75 kW (40-100 hp)

**COMPAIR** works to keep you ahead of your competition with New

**RL-Series** air compressors that lower total cost of ownership through high-quality components, industry-leading energy efficiency and global expertise.



## World-class performance

- Designed for significantly improving efficiency with state-of-the-art airends, high-efficiency motor, a free-floating cooling system and optional Energy Recovery System (ERS) significantly improve efficiency
- V-Shield™ technology provides a totally integrated, leak-free design featuring PTFE stainless steel braided oil hoses and O-ring face seals



- Progressive Adaptive Control (PAC™) monitors key operating parameters and continuously adapts to prevent unexpected downtime
- Enhanced serviceability ensures increased uptime with features such as two-stage filtration, easy maintenance and CompAir extended life, premium grade coolant
- Hinged-door service access with integrated handles provides quick, easy access to all user-maintainable components
- Xe-Series controller delivers increased control functionality through an intuitive user interface as well as remote access with any common, current web browser

Standard features include	Optional features include
Premium performance airend	Low ambient protection to as low as -10°C (14°F)
Energy saving, intuitive Xe-90M* Series controller with remote access	Outdoor modification/rain protection
Air-cooled free-floating cooling system with moisture separator	Premium high dust filtration
PAC™ protection adjusts operating parameters in response to compressor operation	Water-cooled system
V-Shield™ stainless steel piping, vibration isolation, PTFE hoses, leak-free connections	Ultra EL lubricant (extended 16,000-hour life)
Noise attenuation enclosure with hinged removable doors for easy service access	Ultra FG lubricant (food grade)
Packaged pre-filtration	Power outage automatic restart option (PORO)
Long-life Ultra Coolant with 8,000-hour life	Flow control inlet modulation
Long-life filtration and separation elements	Phase monitor protection
Control panel protection	High ambient rating up to 55°C (131°F)
Star-Delta starter	Containment base
IP55 motor – <b>RL30-75 and RL30-37RS with standard IE3 motor; RL45-75RS with IE5 HRM motor</b>	Soft Starter
Package rated for 46°C (115°F) ambient operation	

## Fixed Speed Standard Performance

Model	Max pressure		Nominal power		Max.FAD m <sup>3</sup> /min	Dimensions (L x W x H) mm	Weight (Air-cooled) kg
	barg	psig	kW	hp			
RL30e_A7.5	7.5	110	30	40	5.9	1947 × 1152 × 1609	1090
RL30e_A8.5	8.5	125	30	40	5.4	1947 × 1152 × 1609	1090
RL30e_A10	10.0	145	30	40	4.9	1947 × 1152 × 1609	1069
RL30e_A14	14.0	200	30	40	3.8	1947 × 1152 × 1609	1069
RL37e_A7.5	7.5	110	37	50	7.2	1947 × 1152 × 1609	1140
RL37e_A8.5	8.5	125	37	50	6.9	1947 × 1152 × 1609	1140
RL37e_A10	10.0	145	37	50	6.0	1947 × 1152 × 1609	1124
RL37e_A14	14.0	200	37	50	4.8	1947 × 1152 × 1609	1124
RL45_A7.5	7.5	110	45	60	8.9	2433 × 1250 × 2032	1841
RL45_A8.5	8.5	125	45	60	8.3	2433 × 1250 × 2032	1841
RL45_A10	10.0	145	45	60	7.7	2433 × 1250 × 2032	1841
RL45_A14	14.0	200	45	60	5.9	2433 × 1250 × 2032	1841
RL55_A7.5	7.5	110	55	75	11.2	2433 × 1250 × 2032	1936
RL55_A8.5	8.5	125	55	75	10.4	2433 × 1250 × 2032	1936
RL55_A10	10.0	145	55	75	9.3	2433 × 1250 × 2032	1936
RL55_A14	14.0	200	55	75	7.4	2433 × 1250 × 2032	1936
RL75_A7.5	7.5	110	75	100	14.5	2433 × 1250 × 2032	1962
RL75_A8.5	8.5	125	75	100	13.9	2433 × 1250 × 2032	1962
RL75_A10	10.0	145	75	100	13.0	2433 × 1250 × 2032	1962
RL75_A14	14.0	200	75	100	10.7	2433 × 1250 × 2032	1962

## Variable Speed Standard Performance

Model	Max pressure		Nominal power		Max.FAD m <sup>3</sup> /min	Dimensions (L x W x H) mm	Weight (Air-cooled) kg
	barg	psig	kW	hp			
RL30RS	10.0	145	45	60	5.7	1937 × 1056 × 1534	1075
RL37RS	10.0	145	55	75	6.6	1937 × 1056 × 1534	1138
RL45RS	10.0	145	45	60	8.5	2433 × 1250 × 2032	1304
RL55RS	10.0	145	55	75	11.2	2433 × 1250 × 2032	1700
RL75RS	10.0	145	75	100	14.9	2433 × 1250 × 2032	1726

\* Air-cooled models only

\* RL30-37RS using Xe-70M; Rest models all equipped with Xe-90M

\* FAD (Free Air Delivery) is full package performance including all losses, tested per ISO 1217:2009 Annex C.



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