

Oilless Reciprocating Air Compressors



Ingersoll Rand Industrial Technologies provides products, services and solutions that enhance our customers' energy efficiency, productivity and operations. Our diverse and innovative products range from complete compressed air systems, tools and pumps to material and fluid handling systems and environmentally friendly microturbines. We also enhance productivity through solutions created by Club Car®, the global leader in golf and utility vehicles for businesses and individuals.

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Oilless Reciprocating Air Compressors

These days, many industries require oil-free compressed air from a reliable, durable, and high quality package.

IngersollRand meets these demands with a family of oilless reciprocating air compressors. Outstanding cooling and precision fit mean that our components provide trouble free performance in demanding conditions even when 24-hour continuous duty is required. Our proven service schedule, with periods of extended maintenance intervals, virtually eliminates downtime.

To get the best in reliable, oil-free compressed air, it pays to go oilless with IngersollRand.

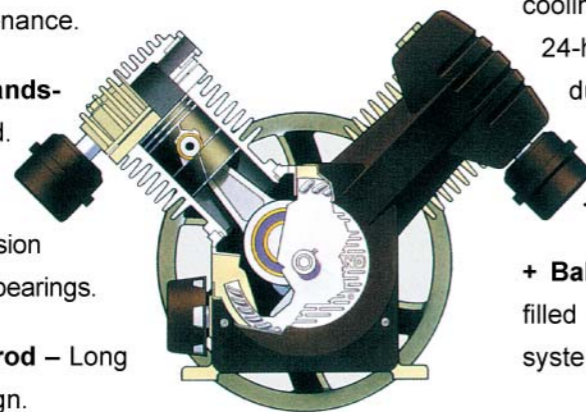
Standard Features

+ **Stainless steel valves** - Designed for long life and minimum maintenance.

+ **Teflon rings and rider bands**- Self-lubricating- no oil needed.

+ **Thermal insulator** - Prevents heat of compression from transmitting to piston pin bearings.

+ **Single-piece connecting rod** – Long lasting, no-maintenance design.



+ **Superior cooling systems** - Unique cooling design dissipates heat, enabling 24-hour a day, 125 psig, continuous duty operation.

+ **Balanced one - Piece crankshaft** - Reduces noise and vibration.

+ **Ball and needle bearings- Grease** - filled and sealed to maintain optimum system performance.

+ **Precision-fit components**- Accurately machined cylinders with coated bores and cast-iron frame offers proven reliability, durability and extended ring life and maintenance intervals.



OL5C5



OL10D10



OL15E15

Outstanding performance

- ★ 100% oilless design, no lubrication required
- ★ High efficiency in a low maintenance package
- ★ 24-hour continuous duty design
- ★ Dual regulation (on 25HP)
- ★ Single Stage (up to 15HP) & Two Stage (25HP) reciprocating design available
- ★ V belt drive with totally enclosed belt guard and belt tension adjuster
- ★ Mounted air-cooled aftercooler with motor driven cooling fan(on FF package only)
- ★ Working pressure between 100psig - 125psig
- ★ Direct-On Line starter with hour-meter on standard package
- ★ Star-Delta starter with hour-meter on full feature package (FF)

Applications

- ★ Petro-Chemical Plants
- ★ Electronics
- ★ Food Processing
- ★ Environmental Application
- ★ Laboratories
- ★ Hospitals
- ★ Pharmaceuticals
- ★ Textile Industry

Specifications

Model	Motor Horsepower		Speed RPM	Free Air Delivery				Air Receiver L(GAL)	Dimension LxWxH(mm)	Weight (kg)
	KW	HP		@ 100psig cfm	@ 100psig m ³ /min	@ 125psig cfm	@ 125psig m ³ /min			
OL5C5	4.1	5.5	900	18.2	0.51	17.1	0.48	230(60)	1700x905x1150	335
OL5C7	5.6	7.5	1200	21.8	0.61	21.1	0.59	230(60)	1700x905x1150	340
OL10D10	7.5	10.0	1062	28.9	0.81	27.5	0.77	303(80)	1870x960x1210	430
OL15E15	11.2	15.0	936	46.4	1.30	44.3	1.24	445(120)	1910x970x1550	635
OL15E15-FF	11.2	15.0	936	46.4	1.30	44.3	1.24	445(120)	1910x1000x1550	650
OL5XB5	4.1	5.5	900	18.2	0.51	17.1	0.48	N/A	1100x580x645	177
OL5XB7	5.6	7.5	1200	21.8	0.61	21.1	0.59	N/A	1100x580x645	190
OL10XB10	7.5	10.0	1062	28.9	0.81	27.5	0.77	N/A	1235x630x700	220
OL15XB15	11.2	15.0	936	46.4	1.30	44.3	1.24	N/A	1250x770x895	395
OL15XB15-FF	11.2	15.0	936	46.4	1.30	44.3	1.24	N/A	1250x800x895	410
OL25XB25-FF	18.5	25.0	1051	89.6	2.51	88.9	2.49	N/A	1995x1250x1275	725

Scope of Supply

Configuration	OL5C5 OL5C7 OL10D10	OL15E15	OL15E15-FF	OL5XB5 OL5XB7 OL10XB10	OL15XB15	OL15XB15-FF	OL25XB25-FF
Industrial filter	★	★	★	★	★	★	★
Inter cooler	N/A	N/A	N/A	N/A	N/A	N/A	★
After cooler	N/A	N/A	★	N/A	N/A	★	★
Auto drain valve	★	★	★	N/A	N/A	N/A	N/A
Cooling fan	★	★	★	★	★	★	★
Pressure gauge, safety valve, check valve	★	★	★	N/A	N/A	N/A	N/A
Auto start/stop control	★	★	★	★	★	★	★
Dual control	N/A	★	★	N/A	★	★	★

★ Means optional