



FVA SERIES

OIL-LESS AIR COMPRESSORS FOR CRITICAL APPLICATIONS

3-15HP

The FS-Curtis FVA Series is the ideal reciprocating oil-less air compressor for applications where critical air quality is required such as food and beverage, medical, chemical processing, pharmaceutical, electronics, and more.

FEATURES AND BENEFITS

3-15HP

OIL-LESS AIR QUALITY

- 100% dry crankcase provides oil-less compressed air for critical applications with zero oil carryover
- Over-sized fan and multiple inter-stage cooling pipes to maximize heat transfer for lower discharge temperature
- Environmentally friendly with no oil vapor generated by the compressor. Eliminates oil changes and oil disposal costs
- Protects downstream equipment and reduces maintenance cost
- Decreases costs and reduces system pressure loss due to reduction of air filtration equipment in the compressed air system

RELIABILITY FOR YOUR CRITICAL APPLICATION

- Low speed pump for long-term reliability and efficiency
- 100% duty cycle for continuous operation
- Robust cast-iron crankcase, cylinder, and cylinder head for long-lasting performance

INDUSTRY LEADING PERFORMANCE

- Components have been made to the highest quality and precision to provide maximum performance in the most demanding of applications
- Designed for low noise level
- Precision manufactured valves increase air flow and maximize reliability



STANDARD FEATURES

- Cast iron crankcase (dry air chamber)
- Sealed pre-greased bearings
- Aluminum piston
- Self-lubricated guide rings and compression rings (material and coating)
- Precision-machined valves (requires no lubrication)
- Dynamically balanced ductile iron crankshaft
- Cast aluminum high tensile strength connecting rod
- Air cooled inter-cooler
- Balanced fly wheel
- Intake filter with silencer
- Slow V-belt drive
- Magnetic starter
- Air pressure gauge
- Copper discharge pipe
- Manual tank drain valve

OIL- LESS AIR COMPRESSORS

Model	Motor		Cylinder			Comp R.P.M	Piston Disp.	Working Pressure (Kg/cm²G)	Air Receiver			Net Weight (kg)
	Hp	Kw	Bore (mm)	No.	Stroke (mm)		L/min		Dimensions	Capacity	Max Pressure	
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FVA-30(II)	3	2.2	100	2	70	467	513	8	Ø 485x1440	245	10	222
FVA-50(II)	5.5	4	100	2	70	700	770	8	Ø 485x1440	245	10	240
FVA-75(II)	7.5	5.5	100	2	75	756	890	8	Ø 485x1440	245	10	360
			71	1								
FVA-100(II)	10	7.5	115	2	90	570	1060	8	Ø 485x1770	304	10	420
			95	1								
FTA-150(II)	15	11	130	2	90	668	1595	8	Ø 485x1770	304	10	455
			115	1								



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