



Screw Compressors



Efficiency Unleashed, Possibilities Amplified

Kirloskar's ARiA oil-injected screw compressors are specifically designed for India's tropical conditions and ideal for a wide array of industrial applications with the capacities ranging from 7.5kW (10hp) to 37kW (50hp). It is also equipped with a Bluetooth-enabled control system for Near Field Connectivity. ARiA range of air compressors features a user-friendly design, top-of-the-line quality and durability, ensuring lasting performance.

Features

- ◆ In-house manufactured air-ends
- ◆ Full automatic operation
- ◆ Smart control through Bluetooth connectivity
- ◆ Sturdy canopy design
- ◆ Energy saving cooling system
- ◆ BMS connectivity through MODBUS RS485



Air-Ends



In-house manufactured advanced air-ends ensure enhanced efficiency, durability and reliability- meeting a new standard in performance

Pressure



The rotary air-ends produces a consistent air flow delivery, free from fluctuations, ensuring stability and reliability.

Power Consumption



ARiA range of rotary screw compressors offers power savings of up to 30% compared to a conventional reciprocating compressor.

Installation



The compressor comes pre-equipped with uncomplicated automatic controls, making it ready for immediate installation. Optionally, it is fitted with an air receiver for added convenience.

Maintenance



Maintenance is made easier with minimal panel removal and components are strategically placed for convenient access.

Advanced Controller

The advanced controller has been designed and engineered as an efficient control solution for ARiA series. The system allows user to monitor and control overall performance with user friendly indications and alarms.



Controller Features



Intuitive and synoptic display through mobile connectivity



Operating mode set up including the pressure



Controlling and monitoring of air pressure



Oil temperature display



Running hours indicators

Product Specification

Model	Free Air Delivery	Maximum Pressure	Electric Motor		Noise	Weight	Overall Dimensions (mm)	
	CFM	bar	kW	hp	dB(A)	kg	Base Mounted	Tank Mounted
ARiA 7.5-7.5	42	7.5	7.5	10	≤ 68	225	1396 x 666 x 626	2090 x 666 x 1218
ARiA 11-7.5	60	7.5	11	15	≤ 70	325	1600 x 760 x 775	2109 x 760 x 1462
ARiA 15-7.5	88	7.5	15	20	≤ 72	360	1600 x 760 x 775	2109 x 760 x 1462
ARiA 18.5-7.5	110	7.5	18.5	25	≤ 72	380	1600 x 760 x 775	2109 x 760 x 1462
ARiA 22-7.5	126	7.5	22	30	≤ 72	460	1600 x 760 x 775	2109 x 760 x 1462
ARiA 30-7.5	202	7.5	30	40	≤ 74	820	1620 x 925 x 1320	-
ARiA 37-7.5	234	7.5	37	50	≤ 74	835	1620 x 925 x 1320	-

Note:

- Unit Performance measured according to ISO 1217 Ed 3 Annexure - C, 1996 at Nominal working pressure of 7 kg/cm²
- All Models given above are air cooled

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