

ABOUT US



Established since year 2017

Our mission is providing our customers with complete Compressed Dry Air (CDA) solutions regardless of location, environment, and current condition.

We help customers optimize the greatest value from their CDA systems. The objective is to reduce unplanned downtime, operate the system within specification and improve financial savings.

Our core beliefs are providing superior, professional and holistic services, at a reasonable price point. This is our differentiator in a highly competitive market. The team is committed to provide high quality service support to satisfy different level of customer needs, wants and demands without compromising safety.

Our area of expertise is focused on all types of Compressed Dry Air (CDA) systems. We provide one stop solutions including maintenance, installation, repairs, overhauls, consultancy services on energy savings and optimization of CDA layouts.

Our team are trained and certified by authorized bodies and organizations in Singapore and we have attained the BizSafe Star accreditation.

ELECTRIC PORTABLE ROTARY SCREW AIR COMPRESSORS

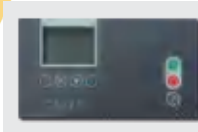
Juz Air electric portable screw air compressors are the ideal choice for compressed air needs in various locations, offering an eco-friendly, diesel-free solution. The JUZEV series features a high-efficiency motor and an optional VSD drive for energy savings and zero emissions. Its innovative design ensures mobility and makes it suitable for use in outdoor environments, offering both versatility and environmental benefits.

FEATURES AND ADVANTAGES



Variable Speed Drive

- VSD: variable volume, controlled costs: there is no unnecessary power generated, the JUZ AIR JUZEV models can reduce energy costs by 35% or more.
- Life cycle costs of the compressor can be reduced by an average of 22%.



Smart Controller

- Increased reliability: durable keyboard, user-friendly, multilingual user interface
- Improved ease of use: intuitive navigation system with main operation conditions include warning indications, maintenance scheduling etc.



Stainless Steel Oil Pipe and Air Pipe

- High temperature resistant (400°C=752°F) and low temperature resistant (-270°C= -518°F), high pressure resistant.
- Ultra-long life(80 years), completely leak free and maintenance free.



State-of-the-art Screw Element

- Advanced SAP profile design.
- The material of the rotors is American specialty steel
- Superior Sweden SKF element bearings.



Intelligent Control and Protection

- Schneider electrical elements with original package from Germany, safe and reliable.
- Reasonable, simple and clear wiring, easy for maintenance.
- Good protection function ensures the stable running of the compressor unit.



Premium Efficiency Drive Motor

- Premium efficiency totally enclosed fan cooled (TEFC) IP54/IP55 motor (Class F insulation) protects against dust and chemicals etc.
- Long-term stable operation even in harsh environments up to 55°C(131°F).



Efficient Separation System

- Reduction of pressure drops and energy costs.
- Low oil consumption ensures minimal maintenance costs and long compressor lifetime.
- Quality air with low oil content:
 - three step air-oil separation(centrifuge, gravity, filter)
 - oil content: less than 3 ppm by weight
 - hinged cover for easy separator element change



Superior Air Filter and Oil Filter

- Superior air filter with two-stage dust removal and filtering system with efficiency of up to 99.9% even in heavy-duty environments.
- Extends the service life of the compressor parts and components, ensures high air quality.
- Quality oil filter with excellent oil purification capability ensures a clean and safe oil system.
- Long service period and easy filter change reduce maintenance costs.



Chassis

- Damped chassis and wear resistant type.

ELECTRIC PORTABLE ROTARY SCREW AIR COMPRESSORS



TECHNICAL PARAMETERS

Model	Maximum Working Pressure		Capacity FAD*								Installed Motor Power		Driving Model & Cooling Method	Noise level**	Dimensions (mm)			Weight	Air outlet pipe diameter
			50Hz				60Hz												
	bar(g)	psig	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	kW	hp		[dB(A)]	L	W	H	kg	
			m ³ /min	cfm	m ³ /min	cfm													
JUZEV - 75	7.5	109	8.53	14.21	301	502	7.03	11.72	248	414	75	100	Driven Direct Air Cooling	69	1800	1200	1400	1400	R2"
	8.5	123	7.80	13.00	275	459	6.98	11.63	247	411	75	100		69	1800	1200	1400	1400	R2"
	10.5	152	6.32	10.54	223	372	6.86	11.43	242	404	75	100		69	1800	1200	1400	1400	R2"
	13	189	5.54	9.23	196	326	5.25	8.75	185	309	75	100		69	1800	1200	1400	1400	R2"
JUZEV -90	7.5	109	8.31	16.62	293	587	8.51	17.01	300	601	90	120	Driven Direct Air Cooling	72	3470	1880	1870	1790	DN80
	8.5	123	8.18	16.37	289	578	8.41	16.82	297	594	90	120		72	3470	1880	1870	1790	DN80
	10.5	152	7.11	14.21	251	502	7.43	14.87	262	525	90	120		72	3470	1880	1870	1790	DN80
	13	189	5.88	11.77	208	416	5.63	11.27	199	398	90	120		72	3470	1880	1870	1790	DN80
JUZEV -132 (W)	7.5	109	14.46	24.10	511	851	14.62	24.37	517	861	132	175	Driver Direct Air Cooling W-Water Cooling	75	2435	1795	1715	2415	DN80
	8.5	123	14.40	24.00	508	847	14.54	24.23	514	856	132	175		75	2435	1795	1715	2415	DN80
	10.5	152	12.30	20.51	434	724	11.37	18.95	401	669	132	175		75	2435	1795	1715	2415	DN80
	13	189	9.97	16.61	352	587	10.09	16.82	356	594	132	175		75	2435	1795	1715	2415	DN80

*)FAD in accordance with ISO 1217:2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20 °C

**) Noise level as per ISO 2151 and the basic standard ISO 9614-2, operation at maximum operating pressure and maximum speed; tolerance: ±3 dB(A)

Specifications are subject to change without notice.



CONTACT INFORMATION

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