



OABC D Booster Series

www.ozenairtech.com

OABC D (18-45 kW)



> Reliable & Efficient

- Ozen's commitment to reliability and efficiency drives all our key decisions in our product development process. Danfoss® Variable Speed Drive coupled units enhance the efficiency of the machine by delivering a steady stream of compressed air as your plant demand change.

> Quality Equipment

- Ozen Air Technology uses components that comply with international standards and products that stand out for their performance and durability.



> Customer Service & Support

- The strategic positioning of product components provide ease of service and maintenance.
- 24/7 service support
- 24/7 emergency parts support
- All consumable, service, and emergency parts will be delivered from stock out of the Charlotte, NC, warehouse.

> Warranty

Ozen's Warranty will provide peace of mind, knowing that Ozen backs their products with what we believe to be the most comprehensive coverage in the industry. While you focus on your production, your compressed air system is safe with Troya. Troya guarantees that your facility continues to run efficiently and without interruption.



Air End -Separator Block Components

Encapsulated air end-SEPARATOR block design.

High-quality screw group components improve durability. Low vibration and sound. 72-78 dB.



Double cartridge on separator design, low oil carry over.

100 % Duty Cycle.

The strategic positioning of product components provides ease of maintenance. Maintenance and overhaul intervals are long (oil-filter change every 8000 hours / overhaul every 35,000 to 40,000 hours).



Ozen Drive - 1:1 Coupling

Improves compressor efficiency by providing motor power transmission to the screw block with 1:1 ratio.

NEMA TEFC Premium Efficient Motor

Provides superior efficiency and performance thanks to its unrivalled IP 54 motor.



Maestro

User-friendly touch-screen panel indicators facilitate the assessment of the equipment as well as the planning of maintenance. Support for 8 different languages.



Variable Frequency Drive (VFD)

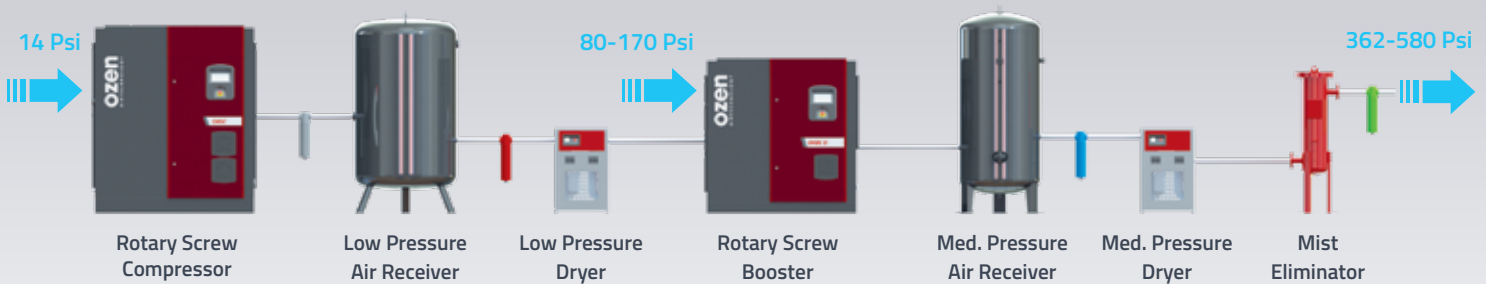
OABC D series compressors, the built-in frequency inverter adjusts the motor speed according to the actual air need of the facility, achieving energy savings of up to 35%. OABC D series are equipped with Nidec drives.

Technical Specifications OABC D

MODEL	kW	Hp	Pressure / Psig (bar)		Flow		Specific Power kW/100 cfm	Sound Level (db)	
			Inlet	Discharge	cfm (m ³ /min)				
OABC D 18	18	25	100 (6.9)	362 (25)	min	76.3 (2.16)	14.85	72	
					max	188.0 (5.32)	12.24		
					500 (34.5)	min	73.6 (2.08)		22.58
						max	120.6 (3.42)		18.94
					580 (40)	min	71.3 (2.02)		27.98
						max	91.1 (2.58)		25.14
OABC D 22	22	30	100 (6.9)	362 (25)	min	76.3 (2.16)	14.85	74	
					max	229.9 (6.51)	11.92		
					500 (34.5)	min	73.6 (2.08)		22.58
						max	154.2 (4.37)		17.70
					580 (40)	min	71.3 (2.02)		27.98
						max	120.7 (3.42)		22.63
OABC D 30	30	40	100 (6.9)	362 (25)	min	76.3 (2.16)	14.85	78	
					max	285.7 (8.09)	11.63		
					500 (34.5)	min	73.6 (2.08)		22.58
						max	231.5 (6.56)		16.21
					580 (40)	min	71.3 (2.02)		27.99
						max	189.6 (5.37)		19.82
OABC D 37	37	50	100 (6.9)	362 (25)	min	76.3 (2.16)	14.85	80	
					max	285.7 (8.09)	11.63		
					500 (34.5)	min	73.6 (2.08)		22.58
						max	275.2 (7.79)		15.74
					580 (40)	min	71.3 (2.02)		27.99
						max	249.0 (7.05)		18.64
OABC D 45	45	60	100 (6.9)	362 (25)	min	76.3 (2.16)	14.85	84	
					max	285.7 (8.09)	11.63		
					500 (34.5)	min	73.6 (2.08)		22.58
						max	275.2 (7.79)		15.74
					580 (40)	min	71.3 (2.02)		27.99
						max	268.7 (7.61)		18.37

*Absolute inlet pressure 14.5 psi (1 bar), *Intake air temperature 68°F (20°C)

80 Psi Inlet - Air / 580 Psi Discharge - Air



80 Psi Inlet - Air / 580 Psi Discharge - Nitrogen

