



# OASC D Series

www.ozenairtech.com

OASC D (37-315 kW)



### Air-end

High-quality screw group components improve durability. Low vibration and sound. 68-74 dB.

### 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.



### Compact Oil Separator Design

- ASME-approved vertical tank;
  - With multiblock separation system - 55 kW and below
  - With drop-in-separator system - 75 kW and above
- 2 psi pressure drop
- 3 ppm oil carryover



### "RCD" – Radial Cooling Design (55 kW and above)

Guaranteed cooling performance with large size radiator pack. Strong, compact design provides durability that is tested and proven under tough work conditions. Enables your compressor to keep working with high efficiency under various conditions. Cycling fan motor. / 32-115 F° Ambient



### Variable Frequency Drive (VFD)

OASC 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%. OASC D series are equipped with Danfoss drives.

### > 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 provides 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.

### > Troya Warranty

Ozen's Troya 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.



# Technical Specifications OASC D

MODEL	Pressure psi	Capacity (FAD) OASC D (cfm)		Noise Level (db)	MODEL	Pressure psi	Capacity (FAD) OASC D (cfm)		Noise Level (db)
		min	max				min	max	
<b>OASC D 37</b> 37 kW 50 Hp	100	53.7	255.6	75	<b>OASC D 110</b> 110 kW 150 Hp	100	218.9	773.3	77
	125	53.3	231.0			125	213.3	687.9	
	150	53.3	207.6			150	207.2	615.5	
	190	53.0	172.3			190	198.4	515.6	
<b>OASC D 45</b> 45 kW 60 Hp	100	53.7	304.1	75	<b>OASC D 150</b> 150 kW 200 Hp	100	218.9	1016.7	78
	125	53.3	275.5			125	213.3	919.2	
	150	53.3	249.0			150	207.2	828.1	
	190	53.0	209.8			190	198.4	691.4	
<b>OASC D 55</b> 55 kW 75 Hp	100	53.7	357.4	76	<b>OASC D 200</b> 200 kW 270 Hp	100	368.6	1458.4	78
	125	53.3	324.9			125	360.9	1290.3	
	150	53.3	296.6			150	352.7	1150.1	
	190	53.0	250.4			190	340.0	960.5	
<b>OASC D 75</b> 75 kW 100 Hp	100	119.4	509.6	76	<b>OASC D 250</b> 250 kW 340 Hp	100	368.6	1785.1	79
	125	116.5	460.9			125	360.9	1583.8	
	150	114.1	422.7			150	352.7	1423.1	
	190	109.8	371.9			190	340.0	1215.0	
<b>OASC D 90</b> 90 kW 120 Hp	100	205.2	615.2	77					
	125	204.5	556.2						
	150	202.4	503.9						
	190	196.3	436.5						

Compressor performance measured according to ISO 1217, Annex C Edt. 4 (200 9).  
Reference conditions:  
\*Absolute inlet pressure 14,5 psi (1 bar)  
\*Intake air temperature 68°F (20°C)

## Dimensions & Weight

