

# OASC D Series

OASC D (37-315 kW)

www.ozenairtech.com



### 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.



### Air-end

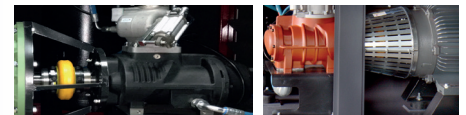
High-quality screw group components improve durability.  
Low vibration and sound. 68-74 dB.

### 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.



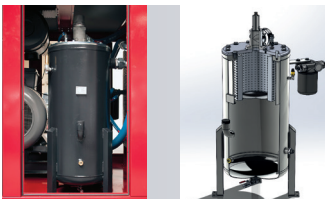
### > Customer Service & Support

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

### > Warranty

Ozen backs their products with what we believe the most comprehensive warranty in the market, 2 years bumper to bumper and up to 5 years extended warranty on main components.

- Exclusions on pressures above and equal to 150 psi compressors.



### 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 Nidec drives.

# Technical Specifications OASC D

MODEL	Max Pressure psi	Capacity (FAD) OASC D		Noise Level (db)	MODEL	Max Pressure psi	Capacity (FAD) OASC D		Noise Level (db)
		cfm/min	cfm/max				cfm/min	cfm/max	
OASC D 37 37 kW 50 hp	100	71.4	221.3	75	OASC D 110 110 kW 148 Hp	100	233,4	802,0	77
	125	68.2	214.2			125	230,6	713,0	
	150	65.1	169.6			150	225,3	643,1	
	190	57.4	131.0			190*	196,4	533,3	
	218	53.6	113.0			218*	192,5	491,6	
OASC D 45 45 kW 60 hp	100	86,1	319,2	76	OASC D 160 160 kW 215 hp	100	295,9	1159,0	72
	125	84,3	288,1			125	294,9	1040,4	
	150	82,2	260,4			150	291,4	942,9	
	190	78,7	221,7			175	289,2	865,9	
	218	76,5	201,5						
OASC D 55 55 kW 75 Hp	100	86,1	333,7	77	OASC D 200 200 kW 268 hp	100	382,8	1423,9	74
	125	84,3	331,8			125	376,1	1283,7	
	150	82,2	316,0			150	369,0	1159,0	
	190	78,7	272,7			175	361,3	1052,0	
	218	76,5	250,1						
OASC D 75 75 kW 100 Hp	100	205,3	541,8	77	OASC D 250 250 kW 335 hp	100	382,8	1735,0	77
	125	204,5	487,7			125	376,1	1585,6	
	150	202,4	441,2			150	369,0	1442,3	
	190	196,4	378,0			175	361,3	1317,6	
	218	N/A	N/A						
OASC D 90 90 kW 120 Hp	100	205,3	639,1						
	125	204,5	578,9						
	150	202,4	526,6						
	190	196,4	455,7						
	218	192,5	418,8						

Compressor performance measured according to ISO 1217, Annex C. Edt. 4 (2009).  
Reference conditions: \*Absolute inlet pressure 14,5 psi (1 bar) / \*Intake air temperature 68°F (20°C)

## Dimensions & Weight

