ozen AIRTECHNOLOGY
EXPERTS IN COMPRESSED AIR AND NITROGEN SOLUTIONS

# TD Series-Plug and Play
## All in one Solution

www.ozenairtech.com

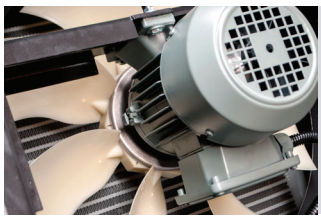
OASC T (4-30kW) ▪ OASC Td (4-22kW) ▪ OASC VT (5-22kW) ▪ OASC VTd (5-22kW)


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

Maestro 22» OASC V (5,5-30 Kw)-Vfd Units


Maestro 15 » OASC 4-30 kW


### Compact Oil Separator Design
ASME-approved tank with minimum pressure drop- 2 psi. Multiblock separator system ensures less than 3 ppm oil carry-over.



### "SCS" – Symmetrical Cooling design
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 severe conditions. Cycling fan motor. / 32-115 F° Ambient

### Variable Frequency Drive (VFD)
OASC V 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 V series are equipped with Nidec drives.
460 V Standard

### Dryer By Pass
Wet tank configuration with dryer by-pass is standard.

### Automatic Drain
Electric controlled automatic drain is standard.
No-loss drain is optional.

### Compact Design Dryers
- With its separate control panel, the dryer can be operated independently from the compressor when needed.
- The Digi-Pro control unit on the dryer makes it easy to monitor the actual dew-point and determine the service and maintenance requirements of the dryer.
- 38 °F (3 °C) constant dew point.

### Air-end
High-quality screw group components improve durability. Low vibration and sound. 68-74 dB. Extended pressure up to 218 psi.

### NEMA/ IEC3 TEFC Premium Efficient Motor
Provides superior efficiency and performance thanks to its unrivalled IP 54 motor

### Poly-V Belt Driven Power Technology
Poly-V belt technology provides high performance with its reliable belt tension system.

### Electrical Panel IP 55 (cUL/Canada UL)
All electrical panels are UL-approved.

### > 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
2-year bumper-to-bumper warranty and 5 years extended warranty avaliable.



### Integrated Filters

- Integrated filters inside the dryer cabinet minimize labor requirements.
- X (1 µ ) and Y (0.01µ )filters are standard on the dryers. P and A filters are optional.
- CAGI-approved.
- Oversized filters are chosen to extend lifetime.

# Technical Specifications OASC T (4-30 kW)

| MODEL | Max. Pressure | Capacity (FAD) | | Motor Power | Air | Dryer | Noise | Weight | Connection | Dimensions | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | psi | Min. cfm | cfm | hp | (gallon) | (optional) | (db) | (lbs) | | W | L | H |
| OASC 4 T | 100 | | 21,54 | 5 | 80 | ODRD 25 | 68 | 964 | 1/2" NPT | 27 | 68 | 69 |
| | 125 | | 18,36 | | | | | | | | | |
| | 150 | | 15,54 | | | | | | | | | |
| | 190 | | 12,01 | | | | | | | | | |
| | 218 | | 10,24 | | | | | | | | | |
| OASC 5 T | 100 | | 34.6 | 7 | 80 | ODRD 35 | 69 | 1070 | 3/4" NPT | 27 | 68 | 69 |
| | 125 | | 30.5 | | | | | | | | | |
| | 150 | | 26.9 | | | | | | | | | |
| | 190 | | 21.2 | | | | | | | | | |
| | 218 | | 18.6 | | | | | | | | | |
| OASC 7 T | 100 | | 41.8 | 10 | 80 | ODRD 60 | 69 | 1156 | 3/4" NPT | 27 | 68 | 69 |
| | 125 | | 36.5 | | | | | | | | | |
| | 150 | | 32.6 | | | | | | | | | |
| | 190 | | 27.6 | | | | | | | | | |
| | 218 | | 24.9 | | | | | | | | | |
| OASC 11 T | 100 | | 64.1 | 15 | 120 | ODRD 75 | 69 | 1425 | 3/4" NPT | 30 | 72 | 71 |
| | 125 | | 59.4 | | | | | | | | | |
| | 150 | | 55.3 | | | | | | | | | |
| | 190 | | 47.4 | | | | | | | | | |
| | 218 | | 43.1 | | | | | | | | | |
| OASC 15 T | 100 | | 83.3 | 20 | 240 | ODRD 100 | 72 | 1535 | 1 1/2" NPT | 30 | 72 | 71 |
| | 125 | | 77.1 | | | | | | | | | |
| | 150 | | 72.0 | | | | | | | | | |
| | 190 | | 61.8 | | | | | | | | | |
| | 218* | | 56.7 | | | | | | | | | |
| OASC 18 T | 100 | | 100.6 | 25 | 240 | ODRD 125 | 72 | 2337 | 1 1/2" NPT | 36 | 80 | 87 |
| | 125 | | 94.4 | | | | | | | | | |
| | 150 | | 87.7 | | | | | | | | | |
| | 190 | | 73.2 | | | | | | | | | |
| | 218 | | 67.3 | | | | | | | | | |
| OASC 22 T | 100 | | 123.0 | 30 | 240 | ODRD 140 | 74 | 2383 | 1 1/2" NPT | 36 | 80 | 87 |
| | 125 | | 115.3 | | | | | | | | | |
| | 150 | | 107.1 | | | | | | | | | |
| | 190 | | 89.3 | | | | | | | | | |
| | 218 | | 82.4 | | | | | | | | | |
| OASC 30 T | 100 | | 164.0 | 40 | 240 | - | 74 | 2557 | 1" NPT | 36 | 80 | 87 |
| | 125 | | 153.0 | | | | | | | | | |
| | 150 | | 142.2 | | | | | | | | | |
| | 190 | | 118.6 | | | | | | | | | |
| | 218* | | 110.6 | | | | | | | | | |

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)
FAD is measured at the following working pressures: ▪ 6,9 bar versions at 6,5 bar ▪ 8,6 bar versions at 8 bar ▪ 10,3 bar versions at 10 bar ▪ 13,1 bar versions at 12.5 bar

# Technical Specifications OASC Td (4-22 kW)

| MODEL | Max. Pressure | Capacity (FAD) | | Motor Power | Air | Dryer | Noise | Weight | Connection | Dimensions | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | psi | Min. cfm | cfm | hp | (gallon) | (optional) | (db) | (lbs) | | W | L | H |
| OASC 4 Td | 100 | | 21,54 | 5 | 80 | ODRD 25 | 68 | 964 | 1/2" NPT | 27 | 68 | 69 |
| | 125 | | 20.4 | | | | | | | | | |
| | 150 | | 15,54 | | | | | | | | | |
| | 190 | | 12,01 | | | | | | | | | |
| | 218 | | 10,24 | | | | | | | | | |
| OASC 5 Td | 100 | | 33.9 | 7 | 80 | ODRD 35 | 69 | 1070 | 3/4" NPT | 27 | 68 | 69 |
| | 125 | | 30.0 | | | | | | | | | |
| | 150 | | 26.5 | | | | | | | | | |
| | 190 | | 21.0 | | | | | | | | | |
| | 218 | | 18.4 | | | | | | | | | |
| OASC 7 Td | 100 | | 40.5 | 10 | 80 | ODRD 60 | 69 | 1156 | 3/4" NPT | 27 | 68 | 69 |
| | 125 | | 35.6 | | | | | | | | | |
| | 150 | | 32.0 | | | | | | | | | |
| | 190 | | 27.2 | | | | | | | | | |
| | 218 | | 24.5 | | | | | | | | | |
| OASC 11 Td | 100 | | 62.9 | 15 | 120 | ODRD 75 | 69 | 1425 | 3/4" NPT | 30 | 72 | 71 |
| | 125 | | 58.4 | | | | | | | | | |
| | 150 | | 54.6 | | | | | | | | | |
| | 190 | | 42.6 | | | | | | | | | |
| | 218 | | 37,08 | | | | | | | | | |
| OASC 15 Td | 100 | | 81.6 | 20 | 240 | ODRD 100 | 72 | 1535 | 1 1/2" NPT | 30 | 72 | 71 |
| | 125 | | 75.9 | | | | | | | | | |
| | 150 | | 70.9 | | | | | | | | | |
| | 190 | | 60.9 | | | | | | | | | |
| | 218* | | 56.0 | | | | | | | | | |
| OASC 18 Td | 100 | | 99.0 | 25 | 240 | ODRD 125 | 72 | 2337 | 1 1/2" NPT | 36 | 80 | 87 |
| | 125 | | 92.9 | | | | | | | | | |
| | 150 | | 86.3 | | | | | | | | | |
| | 190 | | 72.0 | | | | | | | | | |
| | 218 | | 66.7 | | | | | | | | | |
| OASC 22 Td | 100 | | 121.0 | 30 | 240 | ODRD 140 | 74 | 2383 | 1 1/2" NPT | 36 | 80 | 87 |
| | 125 | | 113.6 | | | | | | | | | |
| | 150 | | 105.5 | | | | | | | | | |
| | 190 | | 88.0 | | | | | | | | | |
| | 218 | | 80.8 | | | | | | | | | |

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)
FAD is measured at the following working pressures: ▪ 6,9 bar versions at 6,5 bar ▪ 8,6 bar versions at 8 bar ▪ 10,3 bar versions at 10 bar ▪ 13,1 bar versions at 12.5 bar

# Technical Specifications OASC VT (5-22 kW)

| MODEL | Max. Pressure | Capacity (FAD) | | Motor Power | Air | Dryer | Noise | Weight | Connection | Dimensions | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | psi | Min. cfm | cfm | hp | (gallon) | (optional) | (db) | (lbs) | | W | L | H |
| OASC 5 VT | 100 | 15,1 | 30,37 | 7 | 80 | ODRD 35 | 69 | 1070 | 3/4" NPT | 27 | 68 | 69 |
| | 125 | 14,6 | 26,49 | | | | | | | | | |
| | 150 | 14,2 | 22,95 | | | | | | | | | |
| | 190 | 13,6 | 19,07 | | | | | | | | | |
| | 218 | 13,2 | 16,60 | | | | | | | | | |
| OASC 7 VT | 100 | 15,1 | 41,32 | 10 | 80 | ODRD 60 | 69 | 1156 | 3/4" NPT | 27 | 68 | 69 |
| | 125 | 14,6 | 36,73 | | | | | | | | | |
| | 150 | 14,2 | 32,84 | | | | | | | | | |
| | 190 | 13,6 | 27,55 | | | | | | | | | |
| | 218 | 13,2 | 25,07 | | | | | | | | | |
| OASC 11 VT | 100 | 18,4 | 66.5 | 15 | 120 | ODRD 75 | 69 | 1425 | 3/4" NPT | 30 | 72 | 71 |
| | 125 | 17,7 | 61.6 | | | | | | | | | |
| | 150 | 17,0 | 57.3 | | | | | | | | | |
| | 190 | 15,9 | 49.1 | | | | | | | | | |
| | 218 | 15,2 | 44.7 | | | | | | | | | |
| OASC 15 VT | 100 | 24,72 | 92,17 | 20 | 240 | ODRD 100 | 72 | 1535 | 1 1/2" NPT | 30 | 72 | 71 |
| | 125 | 24,01 | 81,58 | | | | | | | | | |
| | 150 | 23,31 | 72,40 | | | | | | | | | |
| | 190 | 22,60 | 60,39 | | | | | | | | | |
| | 218* | 21,90 | 54,74 | | | | | | | | | |
| OASC 18 VT | 100 | 24,72 | 104.9 | 25 | 240 | ODRD 125 | 72 | 2337 | 1 1/2" NPT | 36 | 80 | 87 |
| | 125 | 24,01 | 98.7 | | | | | | | | | |
| | 150 | 23,31 | 91.8 | | | | | | | | | |
| | 190 | 22,60 | 76.7 | | | | | | | | | |
| | 218 | 21,90 | 70.4 | | | | | | | | | |
| OASC 22 VT | 100 | 24,72 | 128.4 | 30 | 240 | ODRD 140 | 74 | 2383 | 1 1/2" NPT | 36 | 80 | 87 |
| | 125 | 24,01 | 120.6 | | | | | | | | | |
| | 150 | 23,31 | 112.0 | | | | | | | | | |
| | 190 | 22,60 | 93.5 | | | | | | | | | |
| | 218 | 21,90 | 86.7 | | | | | | | | | |

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)
FAD is measured at the following working pressures: ▪ 6,9 bar versions at 6,5 bar ▪ 8,6 bar versions at 8 bar ▪ 10,3 bar versions at 10 bar ▪ 13,1 bar versions at 12.5 bar

# Technical Specifications OASC Vtd (5-22 kW)

| MODEL | Max. Pressure | Capacity (FAD) | | Motor Power | Air | Dryer | Noise | Weight | Connection | Dimensions | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | psi | Min. cfm | cfm | hp | (gallon) | (optional) | (db) | (lbs) | | W | L | H |
| OASC 5 VTd | 100 | 15,1 | 30,37 | 7 | 80 | ODRD 35 | 69 | 1070 | 3/4" NPT | 27 | 68 | 69 |
| | 125 | 14,6 | 26,49 | | | | | | | | | |
| | 150 | 14,2 | 22,95 | | | | | | | | | |
| | 190 | 13,6 | 19,07 | | | | | | | | | |
| | 218 | 13,2 | 16,60 | | | | | | | | | |
| OASC 7 VTd | 100 | 15,1 | 41,32 | 10 | 80 | ODRD 60 | 69 | 1156 | 3/4" NPT | 27 | 68 | 69 |
| | 125 | 14,6 | 36,73 | | | | | | | | | |
| | 150 | 14,2 | 32,84 | | | | | | | | | |
| | 190 | 13,6 | 27,55 | | | | | | | | | |
| | 218 | 13,2 | 25,07 | | | | | | | | | |
| OASC 11 VTd | 100 | 18,4 | 65.2 | 15 | 120 | ODRD 75 | 69 | 1425 | 3/4" NPT | 30 | 72 | 71 |
| | 125 | 17,7 | 60.6 | | | | | | | | | |
| | 150 | 17,0 | 56.6 | | | | | | | | | |
| | 190 | 15,9 | 48.6 | | | | | | | | | |
| | 218 | 15,2 | 44.2 | | | | | | | | | |
| OASC 15 VTd | 100 | 24,72 | 92,17 | 20 | 240 | ODRD 100 | 72 | 1535 | 1 1/2" NPT | 30 | 72 | 71 |
| | 125 | 24,01 | 81,58 | | | | | | | | | |
| | 150 | 23,31 | 72,40 | | | | | | | | | |
| | 190 | 22,60 | 60,39 | | | | | | | | | |
| | 218* | 21,90 | 54,74 | | | | | | | | | |
| OASC 18 VTd | 100 | 24,72 | 102.9 | 25 | 240 | ODRD 125 | 72 | 2337 | 1 1/2" NPT | 36 | 80 | 87 |
| | 125 | 24,01 | 97.1 | | | | | | | | | |
| | 150 | 23,31 | 90.6 | | | | | | | | | |
| | 190 | 22,60 | 75.9 | | | | | | | | | |
| | 218 | 21,90 | 69.7 | | | | | | | | | |
| OASC 22 VTd | 100 | 24,72 | 126.5 | 30 | 240 | ODRD 140 | 74 | 2383 | 1 1/2" NPT | 36 | 80 | 87 |
| | 125 | 24,01 | 118.8 | | | | | | | | | |
| | 150 | 23,31 | 110.3 | | | | | | | | | |
| | 190 | 22,60 | 92.1 | | | | | | | | | |
| | 218 | 21,90 | 80.8 | | | | | | | | | |

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)
FAD is measured at the following working pressures: ▪ 6,9 bar versions at 6,5 bar ▪ 8,6 bar versions at 8 bar ▪ 10,3 bar versions at 10 bar ▪ 13,1 bar versions at 12.5 bar