



Tank/Dryer-Mounted Rotary Screw Compressor Series

OASC T ■ OASC VT ■ OASC Td ■ OASC VTd

THE DETAILS THAT DELIVER THE RIGHT RESULTS...

EXPERIENCE

Ozen Air Technology, with its industry experience of half-a-century and its large portfolio of compressed air products, provides, reliable, efficient and smart solutions.

TRUST

Ozen's dedication to customer satisfaction has helped the company to build lasting relationships of trust and loyalty with its customers.

DURABLE AND EFFICIENT

All of the compressed air equipment in Ozen's portfolio have proven their durability under the toughest conditions. They provide high-quality, high-efficiency air.

QUALITY

Manufacturing consistently high-quality products is one of Ozen's fundamental tenets. To that end, Ozen continuously enhances its quality policies.





TECHNOLOGY

Ozen Air Technology is innovative. It always uses up-to-date technologies in compliance with world-standards.

R & D

With its creative team and modern infrastructure, Ozen is capable of developing its own technology through collaborations with several universities.

STRONG SERVICE NETWORK

Ozen Air Technology believes in maintainability. Its customers can enjoy uninterrupted manufacturing thanks to its accessible, fast and reliable service network.

COMPETITIVE

Ozen Air Technology acts in favor of its customers. Providing them with leverage is one of Ozen's strong suits.

RESPECT FOR THE ENVIRONMENT

Striving for a sustainable future, Ozen Air Technology selects for environmentally friendly practices and takes all necessary precautions while structuring its work processes.

Tank/Dryer-Mounted Rotary Screw Compressor Series

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

Ozen Air Technology's OASC T tank/dryer-mounted rotary screw compressor series was designed with a view to satisfy the air needs of small and mid-size companies such as auto services stations, repair shops, and paint shops and the construction industry.

The OASC T series, which can be configured as needed, can be mounted on a tank, with or without a dryer. In the tank-mounted model with dryer, the air is cooled down and dried prior to entering the pipe line. The refrigerated dryer helps protect the compressed air system and the equipment from rust and corrosion. The products in the series are easy to install and maintain and they provide reliable and high-quality compressed air. The OASC T series stands out for its energy efficiency, which is superior to piston compressors with similar capacity. A frequency inverter is optional for this series.

Air-end

High quality screw group components improve durability.



1

NEMA TEFC Premium Efficiency Motor

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



2

Poly-V Belt Driven Power Technology

Poly-V belt technology provides high performance with its reliable belt tension system. It is durable.



3

- ## Compact Oil Separator Design
- ASME-approved tank
 - Spin-on filter components
 - Minimum pressure drop
 - Oil scavenge sight glass



6



4



Electric Canopy

- IP55 Rated
- UL listed electric panel
- Power outage restart is standard
- Phase monitor/reversal unit is standard

4

5



Maestro

- User-friendly control panel indicators facilitate the assessment of the equipment as well as the planning of maintenance.
- Support for 8 languages
- 1 Master 3 slave operation

6



Dryer By Pass

- Wet tank configuration with dryer bypass is standard

Automatic Drain

- Electric controlled automatic drain is standard. No loss drain is optional.

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Smaller Footprint & Optimal Solution

- Designed with a small footprint in mind to save space.
- All-in-One package produces high-quality air with great cost efficiency.
- Easy installation and commissioning saves time

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.
- 140 °F max inlet temp design at max flow
- 38 °F (3 °C) constant dew points

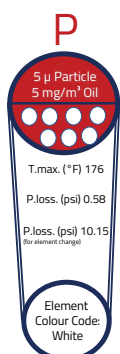
Integrated Filters

- Integrated, high-performance water separator
- Integrated filters inside the dryer cabinet minimize labor requirements
- CAGI-approved
- Oversized filters are chosen to extend lifetime

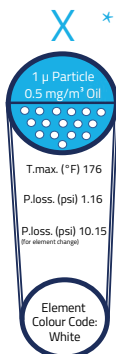


Filtering Specification

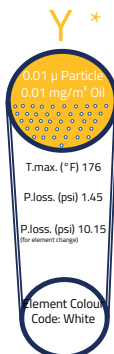
Particulate Filtering



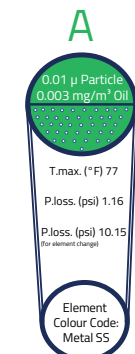
Pre-Filtering



Oil Removal



Activated Carbon



*X and Y filters are standard on the dryers. P and A filters are optional.

Technical Specifications OASC T ■ OASC Td (4-30 kW) ■ OASC VT ■ OASC VTd (5-30 kW)

MODEL	Max. Pressure		Capacity (FAD)		Capacity (FAD)				Motor Power		Air Receiver	Dryer	Noise Level	Weight	Dimensions inch		
	OASC T / Td - VT / VTd		OASC T / Td		OASC VT / VTd				OASC T / Td - VT / VTd								
	PSI	Bar	Cfm	m³/min	Cfm		m³/min		kw	hp	gallon	optional	(db)	lbs	W	L	H
					min	max	min	max									
OASC 4 T / Td	100	6,9	19,3	0,55	N/A	N/A	N/A	N/A	4	5,5	80	ODRD 25	68	595	25,98	68,31	67,91
	125	8,6	17,0	0,48	N/A	N/A	N/A	N/A									
	150	10,3	14,9	0,42	N/A	N/A	N/A	N/A									
	190	13,1	11,2	0,32	N/A	N/A	N/A	N/A									
OASC 5 T / Td VT / VTd	100	6,9	28,3	0,80	14,0	28,3	0,40	0,80	5,5	7,5	120	ODRD 30	69	838	25,98	68,31	67,91
	125	8,6	24,7	0,70	13,3	24,7	0,38	0,70									
	150	10,3	22,1	0,63	13,3	22,1	0,38	0,63									
	190	13,1	17,9	0,51	12,4	17,9	0,35	0,51									
OASC 7 T / Td VT / VTd	100	6,9	36,0	1,02	14,0	36,0	0,40	1,02	7,5	10	120	ODRD 35	69	882	25,98	68,31	67,91
	125	8,6	31,8	0,90	13,3	31,8	0,38	0,90									
	150	10,3	29,1	0,82	13,3	29,1	0,38	0,82									
	190	13,1	23,9	0,68	12,4	23,9	0,35	0,68									
OASC 11 T / Td VT / VTd	100	6,9	60,1	1,70	17,0	60,1	0,48	1,70	11	15	120	ODRD 60	69	970	29,53	73,62	71,65
	125	8,6	54,0	1,53	16,3	54,0	0,46	1,53									
	150	10,3	49,3	1,40	16,0	49,3	0,45	1,40									
	190	13,1	40,4	1,15	14,7	40,4	0,42	1,15									
OASC 15 T / Td VT / VTd	100	6,9	87,3	2,47	17,0	87,3	0,48	2,47	15	20	120	ODRD 80	72	1080	29,53	73,62	71,65
	125	8,6	79,5	2,25	16,3	79,5	0,46	2,25									
	150	10,3	73,5	2,08	16,0	73,5	0,45	2,08									
	190	13,1	62,3	1,76	14,7	62,3	0,42	1,76									
OASC 18 T / Td VT / VTd	100	6,9	116,2	3,29	20,1	116,2	0,57	3,29	18,5	25	240	ODRD 100	72	1742	35,83	85,04	87,20
	125	8,6	100,8	2,85	19,4	100,8	0,55	2,85									
	150	10,3	93,2	2,64	18,7	93,2	0,53	2,64									
	190	13,1	78,4	2,22	20,1	78,4	0,57	2,22									
OASC 22 T / Td VT / VTd	100	6,9	134,1	3,80	20,1	134,1	0,57	3,80	22	30	240	ODRD 125	74	1808	35,83	85,04	87,20
	125	8,6	118,3	3,35	19,4	118,3	0,55	3,35									
	150	10,3	109,6	3,10	18,7	109,6	0,53	3,10									
	190	13,1	93,1	2,64	20,1	93,1	0,57	2,64									
OASC 30 T / VT	100	6,9	180,3	5,10	20,1	180,3	0,57	5,10	30	40	240	N/A	74	1808	35,83	85,04	87,20
	125	8,6	161,7	4,58	19,4	161,7	0,55	4,58									
	150	10,3	151,2	4,28	18,7	151,2	0,53	4,28									
	190	13,1	130,3	3,69	20,1	130,3	0,57	3,69									

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)
- Pressure dew point of integrated refrigerant dryers 37°F (3°C).

FAD is measured at the following working pressures:

Reference conditions:

- 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

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