

OSC T Tank-Mounted Screw Compressor Series

OSC T • OSC Td • OSC VT • OSC VTd (3-30 kW)

Ozen Kompressor OSC T tank-mounted 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 OSC T series, which can be configured as needed, can be mounted on a tank, with or without an integrated 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 OSC 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 elements improve durability.



1

Premium Efficiency Motor
Provides superior efficiency and performance thanks to its unrivalled 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



4



Compact Oil Separator Design

- CE approved tank
- Spin-on filter components
- Minimum pressure drop
- Oil level control



5

Maestro

- User-friendly control panel indicators facilitate the assessment of the equipment as well as the planning of maintenance.
- Support for 10 languages
- Oil level control



6

Symmetrical Cooling System

- 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 climate conditions.

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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

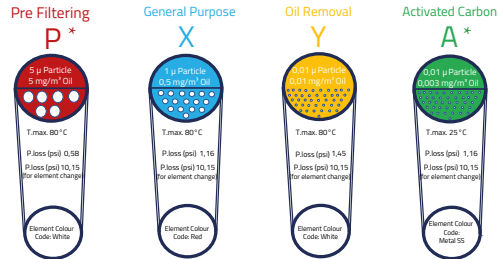
- With its separate control panel, the dryer can be operated independently from the compressor when needed.
- The Digi-Pro control unit on the dryer makes it easy to monitor the actual dew-point and determine the service and maintenance requirements of the dryer.
- 60 °C (140 °F) max inlet temp design at max flow
- 3 °C (38 °F) 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 Specifications



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

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MODEL	Working Pressure	Capacity (FAD)	Motor Power		Dimensions (mm)						
	Bar		m3/min	kW	HP	Tank Volume	Dryer (additional)	dB(A)	Weight (kg)	Width	Length
OSC 3 (T, Td, VT, VTd)	7.5	0.42	3	4	300	ODR 30	68	245-302	610	1690	1550
	10	0.35									
	13	0.29									
OSC 4 (T, Td, VT, VTd)	7.5	0.57	4	5	300	ODR 42	69	270-322	610	1690	1550
	10	0.48									
	13	0.35									
OSC 5 (T, Td, VT, VTd)	7.5	0.9	5.5	7	500	ODR 66	69	380-448	750	1850	1770
	10	0.7									
	13	0.62									
OSC 7 (T, Td, VT, VTd)	7.5	1.23	7.5	10	500	ODR 66	69	400-493	750	1850	1770
	10	0.97									
	13	0.82									
OSC 11 (T, Td, VT, VTd)	7.5	1.87	11	15	500	ODR 130	69	440-528	750	1850	1770
	10	1.62									
	13	1.34									
OSC 11 (T-1, Td-1, VT-1, VTd-1)	7.5	1.87	11	15	1000	ODR 130	69	560-638	930	1935	2000
	10	1.62									
	13	1.34									
OSC 15 (T, Td, VT, VTd)	7.5	2.43	15	20	500	ODR 168	70	490-603	750	1850	1770
	10	2.11									
	13	1.8									
OSC 15 (T-1, Td-1, VT-1, VTd-1)	7.5	2.43	15	20	1000	ODR 168	70	645-738	930	1935	2000
	10	2.11									
	13	1.8									
OSC 18 (T, Td, VT, VTd)	7.5	3.13	18.5	25	1000	ODR 240	70	715-818	940	2000	2140
	10	2.73									
	13	2.32									
OSC 22 (T, Td, VT, VTd)	7.5	3.67	22	30	1000	ODR 240	70	730-848	940	2000	2140
	10	3.22									
	13	2.77									
OSC 30 (T, Td, VT, VTd)	7.5	4.97	30	40	1000	ODR 300	70	890-920	940	2000	2140
	10	4.29									
	13	3.73									

- Compressor performance is measured according to ISO 1217: 2009 Annex C with reference to 1 bar inlet pressure and 20 °C ambient temperature.
- According to operating pressure SHD 7.5 bar performance was measured at 7 bar; 10 bar performance was measured at 9.5 bar and 13 bar performance was measured at 12.5 bar.
- T: Tank, d: Dryer, V: Inverter.
- VTd: Inverter controlled equipped with tank&dryer.
- Td-1: Dryer equipped on 1000 lt tank.