

Gardner
Denver

Oil Free Screw Compressors

EnviroAire T/TVS 200 - 355 Series
Fixed & Variable Speed



PureAir

ISO CLASS: ZERO



Don't compromise on
compressed air quality

When PureAir is High Priority



Pressure range
4 to 10 bar



Volume flow
11.5 to 53.3 m³/min



Motor power
200 to 355 kW

PureAir
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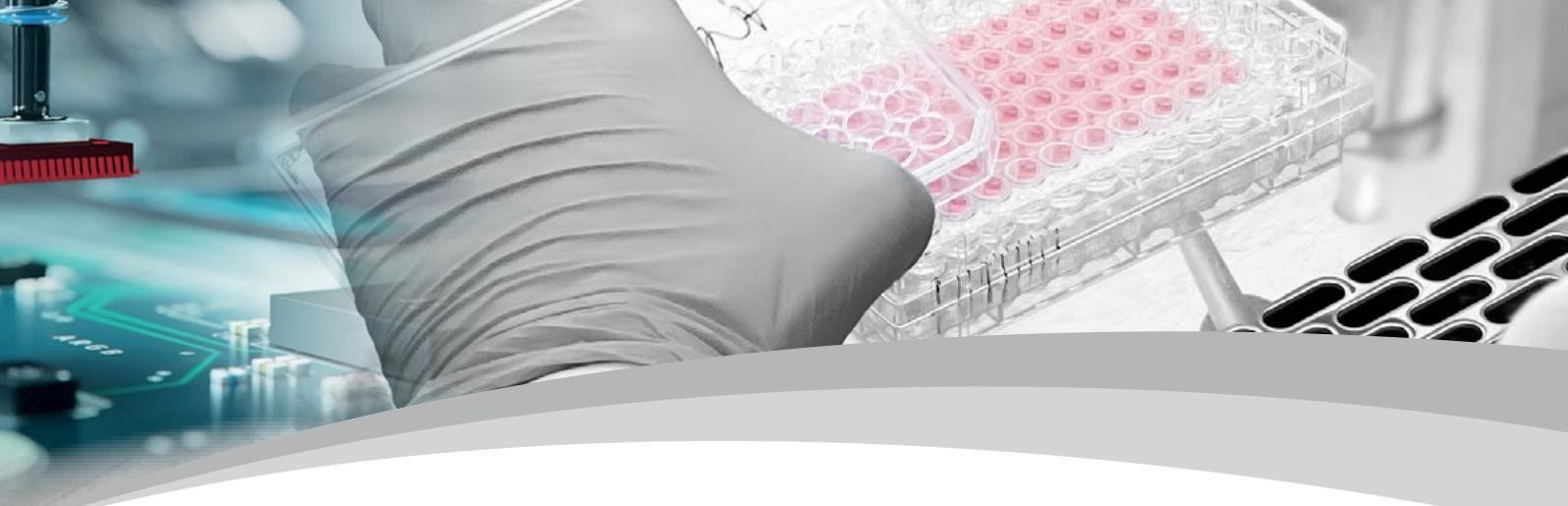
Gardner Denver - The Compressed Air system provider you can trust

There's a lot riding on the quality of your air. The presence of particles, condensate, oil and oil vapor in a compressed air system can lead to downtime, product spoilage and recall, damage to your brand reputation, or worse, harmed consumers and product liability.

What makes our oil-free screw compressor range unique?

- ✓ State-of-the-Art Airend
- ✓ Up to 8% higher flow compared to industry standard
- ✓ Up to 7% (Fixed Speed) & 5% (Variable Speed) energy reduction
- ✓ Premium variants with even greater efficiencies
- ✓ Variable speed models with turndown rates of up to 71%
- ✓ Wide variety of pre-engineered and customised options
- ✓ Further savings with optional heat recovery
- ✓ Free iConn inside
- ✓ PureCare Warranty





World-Class Efficiency

Our new state-of-the-art modular airend design features an optimised rotor profile that delivers significantly improved efficiency and best-in-class airflow. The premium e-variants with their water-cooled airend jackets enable even greater energy savings

The Air end - How we build reliability into every detail

Compressor rotors take a beating. Over time, their surfaces can deteriorate, leading to reduced air flow and increasing risk of corrosion.

Gardner Denver eliminates this problem with UltraCoat, an advanced rotor and housing protection that ensures the most durable coating, with unmatched adhesion properties and temperature resistance.

In conjunction with second-stage stainless steel rotors, UltraCoat delivers greater reliability in performance and air quality, rotor longevity, increased uptime, and reduced energy costs.

Achieve up to 35% Savings over traditional fixed speed

Fixed speed compressors usually require a larger control band, while VS compressors operate much closer to the target pressure. Every 1 bar (over required pressure) costs an additional 7% in power!



Perfect motor - drive - airend design

EnviroAire T/TVS Series features a high efficient Power Drive System that exceeds the most stringent class IES2 EN61800-9 requirements and assures high energy savings across broad flow range.

Wide regulation range

No cycles means substantial energy savings.

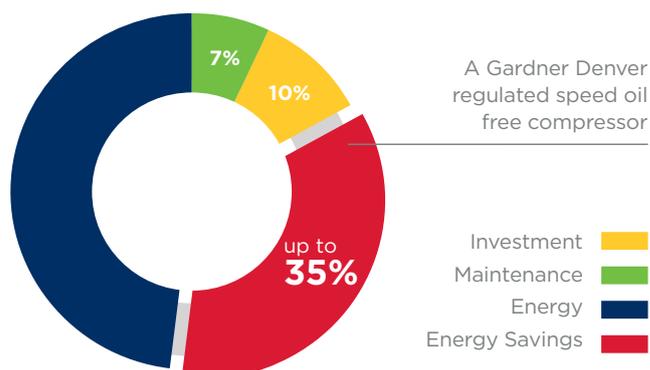
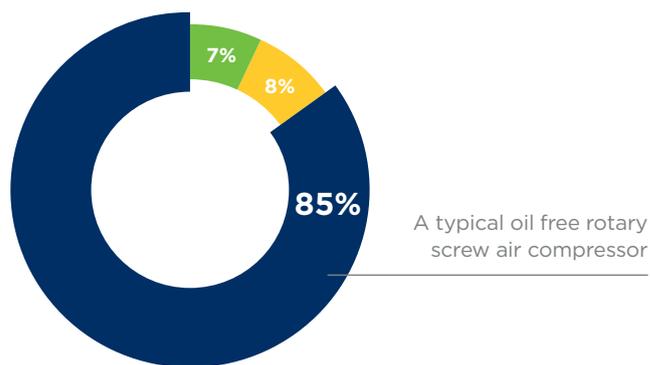
Advanced Compressor Control

Xe-Series controllers deliver increased control and functionality through an intuitive user interface and provide remote access with any common, current web browser. Variable speed models can sequence up to four compressors without additional hardware to increase efficiency and stabilise pressure.

Saving energy and protecting the environment

Over a period of five years, energy accounts for typically 85% of the total costs of a compressor. However, this high share also means that there is considerable potential for savings.

Total compressor costs



Investment ■
 Maintenance ■
 Energy ■
 Energy Savings ■

EnviroAire T/TVS 200 - 355kW

Fixed Speed - Air and Water Cooled

Gardner Denver model	Cooling Method	Motor Rating	Nominal Pressure			Free Air Delivered (m ³ /min)			Dimensions L x W x H mm	Noise level dB(A) 8 bar g	Weight kg
			7 bar g	8 bar g	10 bar g	7 bar g	8 bar g	10 bar g			
EnviroAire T200	Air Water	200	●	●	●	37.6	35.0	31.8	3457 x 2152 x 2446	80	6426
						37.7	35.1	31.8		76	5734
EnviroAire T200°	Water	200	●	●	●	38.1	35.5	32.3	3457 x 2152 x 2446	76	5734
EnviroAire T250	Air Water	250	●	●	●	45.2	43.6	40.6	3457 x 2152 x 2446	80	6446
										76	5754
EnviroAire T250°	Water	250	●	●	●	45.6	44.1	41.1	3457 x 2152 x 2446	76	5754
EnviroAire T315	Air Water	315	●	●	●	52.9	51.3	49.1	3457 x 2152 x 2446	80	6446
						52.9	51.4	49.1		76	5754
EnviroAire T315°	Water	315	●	●	●	53.3	51.8	49.5	3457 x 2152 x 2446	76	5754
EnviroAire T355	Water	355	-	-	●	-	-	52.8	3457 x 2152 x 2446	76	5754
EnviroAire T355°	Water	355	-	-	●	-	-	53.3	3457 x 2152 x 2446	76	5754

Variable Speed - Air and Water Cooled

Gardner Denver model	Cooling Method	Motor Rating	Nominal Pressure	Free Air Delivered at 7 bar g (m ³ /min)		Dimensions L x W x H mm	Noise level dB(A) 8 bar g	Weight kg
				min	max			
EnviroAire TVS 200	Air Water	200	10	11.5	34.7	3457 x 2152 x 2446	80	6556
			10				76	5864
EnviroAire TVS 200°	Water	200	10	12.1	35.5	3457 x 2152 x 2446	76	5864
EnviroAire TVS 250	Air Water	250	10	12.4	42.1	3457 x 2152 x 2446	80	6556
			10				76	5864
EnviroAire TVS 250°	Water	250	10	12.9	43.2	3457 x 2152 x 2446	76	5864
EnviroAire TVS 315	Air Water	315	10	14.7	50.2	3457 x 2152 x 2446	80	6586
			10				76	5894
EnviroAire TVS 315°	Water	315	10	15.2	51.2	3457 x 2152 x 2446	76	5894
EnviroAire TVS 355	Water	355	10	14.7	50.8	3457 x 2152 x 2446	76	5894
EnviroAire TVS 355°	Water	355	10	15.2	51.2	3457 x 2152 x 2446	76	5894

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For additional information please contact Gardner Denver or your local representative.

Specifications subject to change without notice.