

# Dental Compressors



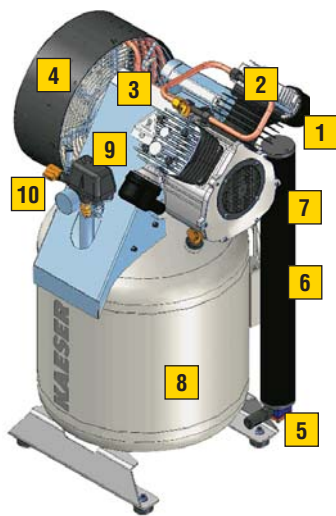
## A family tradition of quality

Kaeser has been providing superior quality dental compressors around the world for many years. Founded in 1919, Kaeser Compressors has decades of experience in precision machining and is a leader in the design and manufacture of reliable air compressors. Although we are now a global ISO 9001 company, we are still family owned and pride ourselves on combining our tradition of superior quality with modern technology to ensure low noise, safety, purity and energy efficiency.

## Quality your patients can rely on

Kaeser offers compressors for all dental applications, from single practitioners to large clinics and laboratories that meet the highest standards of dental professionals. To assure quality and safety in your practice, our dental compressors are 100% oil-less. There are no oils anywhere in the machine.

## High Performance in compact design



- 1 Inlet filter
- 2 Pump
- 3 Motor with direct drive
- 4 After-cooler
- 5 Pre-separator
- 6 Seccomat desiccant dryer
- 7 Fine filter
- 8 Air receiver
- 9 Controls and pressure gauge
- 10 Compressed air discharge

Kaeser dental compressors come complete and ready to install.

## Superior reliability

- Permanent Power System (PPS) - provides internal cooling and longer pump life
- Able to operate in wide temperature range
- Epoxy lined steel tank to prevent rust
- Durable cast iron cylinders

## Exceptional performance

- More air per horsepower
- Very low noise and vibration
- Lower running temperature reduces load on office air conditioning
- Does not use compressed air to purge dryer
- Energy efficient to keep your power bills low

## Low maintenance and easy service:

- Kaeser dental compressors are built for years of reliable service with minimal service requirements
- Easy-to-clean inlet filter
- Long desiccant life
- Teflon® coated piston and guide rings extend pump life



## Quality Guaranteed

- Clean, dry air for safety and comfort of patients
- Super-quiet operation
- Longer compressor life
- Longer dental equipment life
- More air for less energy



### Sound Enclosure (optional)

- For ultra-quiet operation (60 dB(A))
- Sturdy steel panels with sound absorbing foam insulation
- Ventilation ensures adequate cooling air flow
- Simple installation



### In depth protection for your patients

- 100% oil free design. No oil in the compressor anywhere. No chance of oil bypassing seals to contaminate your compressed air.
- Seccomat dryer removes moisture
- Inlet and discharge filtration removes particles

### Seccomat desiccant dryer with filtration



- Cleaner, dryer air increases life of hand pieces and equipment
- Removes moisture to inhibit bacterial growth
- Forced purging design results in more consistent air quality
- No residual liquids to drain or clean up

### Installation

- Small footprint saves space and allows for more installation options
- Low noise and vibration make it easy to live with
- Controls, gauges and connections (1/4" NPT) are all in the front for easy access

### Safety and quality

- Complete unit is UL approved
- All tanks are ASME certified
- Complies with EN ISO 7494-2:2003 Part 2: Water and air supply for dental units

### 5 year limited warranty



## Compressor Specifications



Model	Motor (hp)	Operatories	Tank Size (gal.)	Power Supply (V / Ph / Hz)	Dimensions L x W x H (in.)	Weight (lbs.)	Conn. Size (in.)
3T	2	3	6	208-230/1/60	19½ x 22¼ x 29	165	1/4 NPT
5T	3	5	17		21 x 22½ x 38	222	
3/2T	2 x 2	7	24		48 x 21¾ x 32	344	
5/2T	3 x 2	12	24		48 x 22 x 33	364	

Optional sound enclosure available for 3T and 5T.

## Sound Enclosure Specifications

Model	Noise Level (dB(A))	Dimensions L x W x H (in.)	Weight (lbs.)
3T	60	29¼ x 26 x 31¼	93
5T		31¼ x 27½ x 41	154



Specifications are subject to change without notice.

## Airbox Dental

For larger clinics and laboratories, Kaeser offers its Dental Airbox™ compressor series in multiple sizes up to 12½ hp (serving 25 or more chairs). This 100% oil-less compressor is also available as an Airboxcenter™, a space saving package complete with storage tank and an integral dryer.



# KAESER COMPRESSORS

**Built for a lifetime.™**

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## The Air Systems Specialist

With over 90 years of experience, Kaeser is the air systems specialist. Our extensive 120,000 square foot facility allows us to provide unequalled product availability. With service centers nationwide and our 24-hour emergency parts guarantee, Kaeser customers can rely on the best after-sales support in the industry. Kaeser stands committed to providing the highest quality air system for your specific compressed air needs.

Certified Management Systems



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