WWW.BAMBI-AIR.CO.UK

BAMBI

MADE IN BRITAIN

ISO 9001 CERTIFIED

EXTERNALLY TESTED TÜV SÜD

Dental

CLEAN & QUIET
OIL-FREE AIR COMPRESSORS

Dentist compressors designed to fit every requirement

Air compressors form a significant part of a range of dental and dentistry applications including but not limited to operating dental units, drying dental materials and powering dental handpieces as well as the cooling, cleaning and sterilising of dental tools.

In an industry where hygiene and safety are paramount, these applications require a high quality stream of oil-free and contamination-free air. Therefore, finding a high-performance air compressor that not only produces a consistent flow of air but also air of an incredibly high quality is vital.
That's where we come in! Bambi offers two ranges of oil-free air compressors that meet HTM 2022 standards, ensuring optimal safety, quality and compliance.

The best quality air for your surgery

With over 40 years in the manufacture of precision air compressors in the United Kingdom, we have developed a comprehensive understanding of the needs of premium air requirements the medical profession demands.

CLEAN AIR IS MORE THAN EVER VITAL IN TODAY'S DENTAL SURGERIES FOR:

- Patient safety
- Ensuring dry tooth surface for composite bonding / veneers
- Conducting implant procedures
- Protecting delicate hand piece bearings

Bambi's VT range utilises an ingenious induction system and harmonic anti vibration mountings to keep running noise levels incredibly low. The design of the VT range has less moving parts than a conventional articulating piston compressor too, ensuring reliability and peace of mind.

VTS models are perfect for times where installation space is limited and compressors need to be sited near the point of use. With incredibly low noise levels, you can rest assured that you can install your compressor near staff with no audible issues.

KEY FEATURES:

- **Oil-free technology**
- **23L to 100L internally coated tank**
- **Up to 316 L/Min free air delivery @ 5bar**
- **0.01 micron filtration (with optional parts [1])**
- **Condor pressure switch**
- **Optional desiccant dryer system available**
- **Machinery Directive conformity assessed by TÜV SÜD**
- **HTM 2022 compliant with optional dryer [2]**
- **Sub 25L tanks under PSSR threshold [3]**
- **Designed, built and quality tested in Britain**
- **Short lead times**
- **2-year warranty [4]**
- **5-year warranty on air receiver**

[1] 0.01 micron is achieved with the optional dryer, breathing air and bacterial filters.

[2] HTM 2022 compliance also requires optional breathing air and bacterial filters to be fitted.

[3] VT75D, VTS75D, VTSI50D, and VTS200D do not require a Written Scheme of Examination or pressure vessel inspection as they are under the 250 bar litre PSSR threshold

[4] Subject to T&Cs.

All Bambi air receivers are internally protected with an anti-corrosion coating to reduce the risk of internal corrosion and air contamination. Bambi offer a 2-year no quibble warranty on the compressor and 5-year warranty on the air receiver.

THE IMPORTANCE OF AIR DRYERS

Whenever air is compressed, moisture which is naturally present in the atmosphere is also compressed and condenses in the air receiver. This collection of moisture limits the capacity of the air receiver and could pass downstream to your equipment which is why you must drain the receiver on a regular basis.

Because of the high temperature of the air post compression, bacteria may grow inside the air receiver. To overcome this, we always recommend choosing your VT compressor with an integral dryer to lower the dew point.

Models with a dryer (suffix 'D") first cool the air and remove water aerosols to 0.01 micron when fitted with the optional breathing air and bacterial filters.. Bambi VT dryers utilise desiccant technology to reduce the dew point to as low as -40°C, helping to inhibit microbial growth. Drying the air to such levels effectively reduces the need to drain the air receiver frequently, significantly reducing condensate formation and maintenance requirements. Any residual water vapour originating from the dryer purge is removed and collected in a handy condensate bottle for convenient disposal.

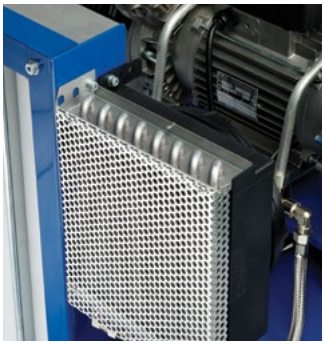
VT250D dryer

The VT & VTS ranges

There are models available in the VT range to meet the needs of the smallest rural to the largest multi surgery dental practice and busy dental laboratory.

You can find out which model is better suited to your exact application by using our product selector **– scan the QR code to find out more.**

Internally coated receiver



VT250D cooler

VT range

Quality is the primary component built into each Bambi VT oil-free compressor. Packed with features like the 'soft start' solenoid valve, small footprint and a wide range of motor sizes (0.75HP to 4HP), the VT range is the go to compressor for professionals that understand the importance of high quality reliable air.

VTS range

For noise-sensitive environment, VTS models have been engineered from the ground up to exhibit class leading low noise performance and eliminate the need for unsightly hoods or aftermarket covers. The integral air receiver and easy to clean surface show the care and attention our designers build into every Bambi compressor.

HTM 2022 guidance

For those customers wishing to comply with the HTM 2022 guidance, **all VT & VTS oil-free compressors with dryers are compliant when installed with optional additional downstream breathing air and bacterial filters.**
We advise you to always check the exact air demands of your equipment as some may require more air than the 50 L/Min @ 5 Bar per surgery that the directive states.

For further information about which is the best Bambi compressor for you, please do not hesitate to contact Bambi or your usual dental equipment dealer.

Choosing the right compressor for you

When sizing a compressor for a practice we always recommend seeking the advice of your usual dental equipment dealer who will understand your specific requirements. The below sizing guide is based on typical air usage in practices however it is worth remembering that some hand-piece cleaners, washer disinfectors and air abrasion also require air.

	QUIET	ULTRA QUIET ~15 DB(A) LOWER
1	VT75D	VTS75D
2	VT150D	VTS150D
3	VT200D	VTS200D
4	VT250D	VTS250D
5	VT300D	
6	VT400D	

Technical specifications

	VT75D	VT150D	VT200D
Free air delivery @5 Bar	58 L/Min	125 L/Min	158 L/Min
Motor power	0.75 HP / 0.55 kW	1.5 HP / 1.1 kW	2.0 HP / 1.5 kW
Tank size	24 Ltr	50 Ltr	50 Ltr
Max pressure	8 Bar	8 Bar	8 Bar
Noise level [1]	74 dB(A)	78 dB(A)	77 dB(A)
Current	5 Amps	7 Amps	10 Amps
Voltage	220-240V [2]	220-240V [32]	220-240V [2]
Connection	UK plug [3]	UK plug [3]	UK plug [3]
Weight	40 kg	51 kg	55 kg
Dimensions (H x W x D)	64 x 52 x 49 cm	87 x 52 x 49 cm	89 x 52 x 52 cm

Please refer to our website for free air delivery at varying pressures.

[1] Independently tested by TÜV SÜD [2] Three-phase (400 Volts) version available [3] EU plug available upon request

	VT250D	VT300D	VT400D
Free air delivery @5 Bar	210 L/Min	250 L/Min	316 L/Min
Motor power	2.5 HP / 1.84 kW	3.0 HP / 2.2 kW	4.0 HP / 3.0kW
Tank size	59 Ltr	100 Ltr	100 Ltr
Current	13.5 Amps	14 Amps	20 Amps
Max pressure	8 Bar	8 Bar	8 Bar
Noise level [1]	82 dB(A)	81 dB(A)	80 dB(A)
Voltage	220-240V [2]	220-240V [2]	220-240V [2]
Connection	Hardwired [3]	Hardwired [3]	Hardwired [3]
Weight	84 kg	97 kg	107 kg
Dimensions (H x W x D)	82 x 66 x 57 cm	78 x 115 x 49 cm	78 x 115 x 52 cm

Please refer to our website for free air delivery at varying pressures.

[1] Independently tested by TÜV SÜD [2] Three-phase (400 Volts) version available [3] This unit needs to be hardwired into the main fuse box.

Optional wheel kit

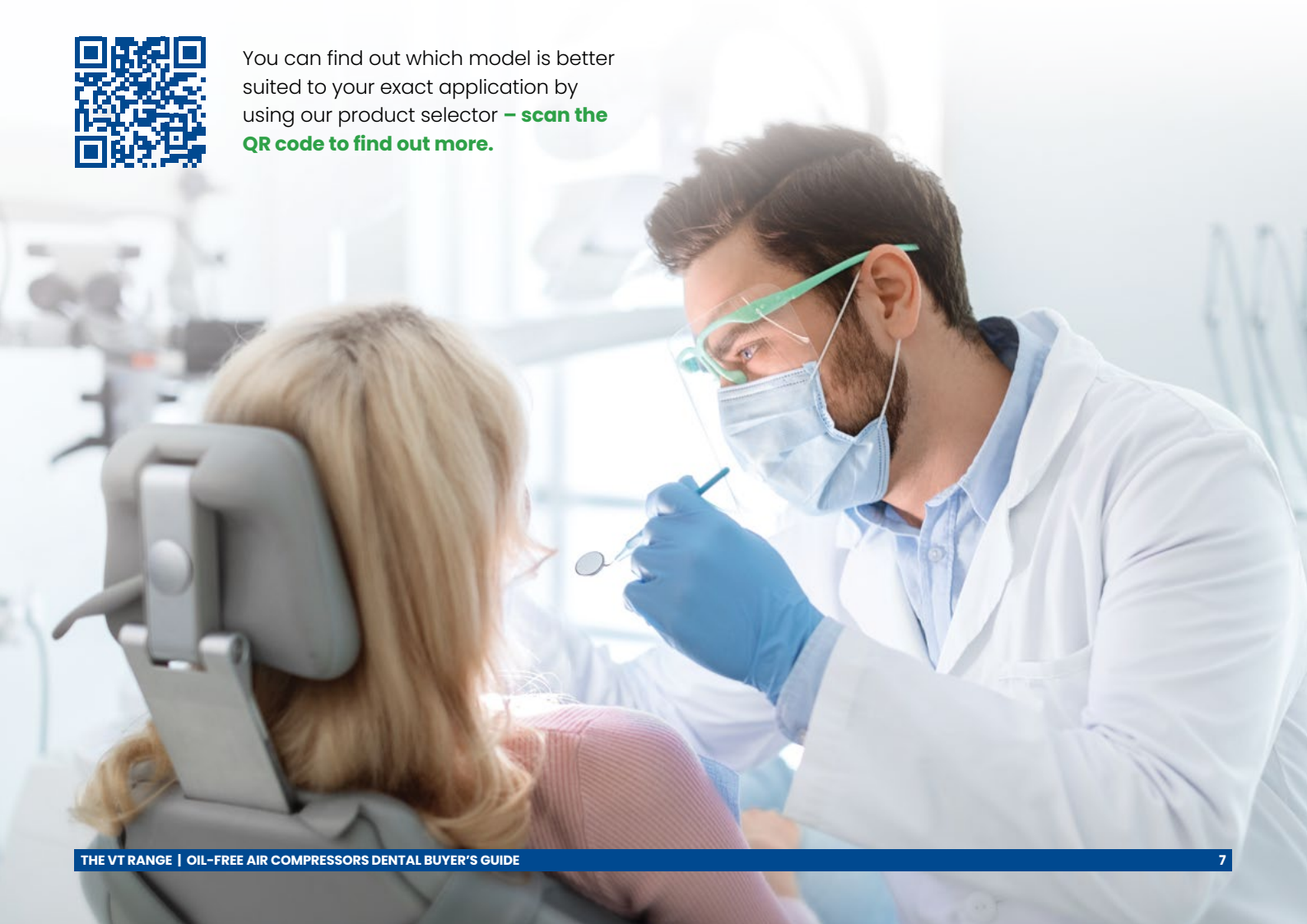
An optional wheel kit is available for all horizontal tanks.

	VTS75D	VTS150D	VTS200D	VTS250D
Free air delivery @5 Bar	58 L/Min	125 L/Min	158 L/Min	210 L/Min
Motor power	0.75 HP / 0.55 kW	1.5 HP / 1.1 kW	2.0 HP / 1.5 kW	2.5 HP / 1.84 kW
Tank size	23 Ltr	23 Ltr	23 Ltr	59 Ltr
Max pressure	8 Bar	8 Bar	8 Bar	8 Bar
Noise level [1]	57 dB(A)	63 dB(A)	63 dB(A)	69 dB(A)
Current	5 Amps	7 Amps	10 Amps	13.5 Amps
Voltage	220-240V [2]	220-240V [2]	220-240V [2]	220-240V [2]
Connection	UK plug [3]	UK plug [3]	UK plug [3]	Hardwired [4]
Weight	71 kg	71 kg	76 kg	131 kg
Dimensions (H x W x D)	65 x 93 x 48 cm	65 x 93 x 48 cm	65 x 93 x 48 cm	90 x 75 x 74 cm

Please refer to our website for free air delivery at varying pressures.

[1] Independently tested by TÜV SÜD [2] Three-phase (400 Volts) version available [3] EU plug available upon request [4] This unit needs to be hardwired into the main fuse box.

You can find out which model is better suited to your exact application by using our product selector **– scan the QR code to find out more.**



EN

Bambi Air Ltd was established in 1977 and enjoys a worldwide reputation for quality and after-sales care and service. Dedicated to the manufacture of innovative and meticulously engineered products, our extensive range is as diverse as our customers themselves.

Our policy of continual development and improvement has ensured we remain at the forefront of our industry. Through acquisitions and organic growth, we now operate a number of specialist divisions within our organisation, each committed to the very highest standards of customer satisfaction.

WE MANUFACTURE:

- OIL-FREE AIR COMPRESSORS
- MEDICAL/DENTAL QUIET AIR COMPRESSORS
- OIL-LUBRICATED SILENT RUNNING AIR COMPRESSORS
- DIAPHRAGM COMPRESSORS AND VACUUM PUMPS
- GAS CIRCULATORS
- SPRINKLER SYSTEM COMPRESSORS
- HVLP TURBINE SPRAYERS

FR

La société Bambi Air Ltd a été créée en 1977 et jouit d'une réputation de produits de qualité et d'un excellent service après-vente dans le monde entier. Dédiée à la fabrication de produits novateurs et construits de manière méticuleuse, notre large gamme d'équipements est aussi diverse que notre clientèle.

Notre politique d'amélioration et de développement continue nous a permis de rester aux avant-postes du secteur. Grâce à des acquisitions et à notre croissance organique, nous gérons aujourd'hui plusieurs branches spécialisées au sein de notre organisation, chacune s'engageant à atteindre les niveaux de satisfaction de la clientèle les plus élevés possible.

NOUS FABRIQUONS :

- COMPRESSEURS D'AIR SANS HUILE
- COMPRESSEURS D'AIR MÉDICALES/ DENTAIRES
- COMPRESSEURS D'AIR SILENCIEUX LUBRIFIE
- POMPES À VIDE & COMPRESSEURS À DIAPHRAGME
- COMPRESSORS À MEMBRANE ET POMPES À VIDE
- CIRCULATEURS DE GAZ
- COMPRESSEURS DE SYSTÈMES D'EXTINCTION
- PULVÉRISATEURS À TURBINE HVLP

DE

Bambi Air Ltd wurde 1977 gegründet und genießt weltweit einen hervorragenden Ruf für Qualität und After-Sales-Service. Unser umfassendes, innovatives und technisch ausgereiftes Fertigungsprogramm ist so vielseitig wie unsere Kunden!

Unsere Politik der ständigen Entwicklung und Verbesserung hat sichergestellt, dass wir in unserer Branche stets führend sind. Durch Akquisition und organisches Wachstum verfügen wir jetzt über eine Reihe von betrieblichen Fachabteilungen, die sich alle für höchste Kundenzufriedenheit engagieren.

WIR FERTIGEN:

- ÖLFREIE DRUCKLUFTKOMPRESSOREN
- LEISE LAUFENDE MEDICAL/DENTAL DRUCKLUFTKOMPRESSOREN
- LEISE LAUFENDE DRUCKLUFTKOMPRESSOREN
- MEMBRANKOMPRESSOREN UND VAKUUMPUMPEN
- GASZIRKULATOREN
- SPRINKLERANLAGEN-KOMPRESSOREN
- HVLP TURBINENSPRITZANLAGEN

ES

Bambi Air Ltd fue fundada en 1977 y disfruta de reputación internacional por su calidad, servicio y atención postventa. Dedicados a la fabricación de productos innovadores y meticulosamente diseñados, nuestra amplia gama es tan diversa como nuestros propios clientes.

Nuestra política de desarrollo y mejora continuos asegura que siempre nos encontramos a la cabeza del sector. Gracias a las adquisiciones y el crecimiento de nuestra organización, hoy tenemos varias divisiones especializadas, todas ellas comprometidas con los altos estándares de satisfacción del cliente.

FABRICAMOS:

- COMPRESORES DE AIRE SIN ACEITE
- COMPRESORES DE AIRE DE FUNCIONAMIENTO SILENCIOSO MEDICAL/DENTAL
- COMPRESORES DE AIRE DE FUNCIONAMIENTO SILENCIOSO
- COMPRESORES DE DIAFRAGMA Y BOMBAS DE VACÍO
- DISTRIBUIDORES DE GAS
- COMPRESORES PARA SISTEMAS DE REGADÍO POR ASPERSIÓN
- AERÓGRAFOS CON TURBINA HVLP

Selecting the right compressor

We have **a detailed guide on our website** covering the essential factors to consider when selecting a compressor, such as the pressure/flow required, tank size, noise level, pipework and dimensions.

Scan the QR code for more information

All Bambi air compressors are designed, built and tested in the UK to ensure continuity across our product ranges and compliance with consumer quality standards.

MADE IN BRITAIN

bcas BRITISH COMPRESSED AIR SOCIETY LIMITED

Bambi Air Ltd

152 Thimble Mill Lane, Heartlands,
Birmingham B7 5HT, United Kingdom

T: +44 (0) 121 322 2299
E: sales@bambi-air.co.uk

www.bambi-air.co.uk

01-03-26 v1

BAMBI