



vt range

Oil Free Air Compressors

Dental Buyer's Guide

When you want the very best quality of air to your surgery, there is just one name to consider – Bambi!

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 (from 54 dBA) you can rest assured that you can install your compressor near staff with no audible issues.

All Bambi air receivers are internally protected with an anti-corrosion coating to eliminate rusting and ensure air is contamination free.

Bambi offer a 2 year, no quibble warranty on the compressor, 5 years 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 solids to 0.01 micron. Bambi VT dryers utilise desiccant technology to reduce the dew point up to -40°C, far below the point where bacteria stops growing. Drying the air to such levels effectively removes the need to drain the air receiver for an effectively 'maintenance free' compressor. Any residual water vapour originating from the dryer purge is removed and collected in a handy condensate bottle for convenient disposal.



VTS Models



Integral Air Dryer

The VT range

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.

Downloadable brochures with full specification details and dimensions can be found on our website, www.bambi-air.co.uk/downloads

VT

Quality is the primary component built into each Bambi VT oil free compressor. Packed with novel features like a '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.

VTH

The VTH offers the same exacting performance and specification as the standard VT but with horizontal air receivers, reducing the overall height to fit those awkward low gaps.



VTH150D Models

VTSD

Where absolutely no noise is essential, VTSD models have been designed from the ground up to exhibit class leading levels of calm and eliminate the need for ugly 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.



VT150D Models



Anti-Corrosion Coated

HTM2022 Regulations

For those customers wishing to comply with the HTM2022 regulations, all VT 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 (not HTM2022) however it is worth remembering that some hand-piece cleaners, washer disinfectors and air abrasion also require air.

Low Noise

Low Noise-H

Silent

1



VT75D



VTH75D



VTS75D

2



VT150D



VTH150D



VTS150D

3



VT150D



VTH150D



VTS200D

4



VT200D



VTH200D



VTS250D

5



VT250D

5/6



VT300D

7/8



VT400D

Technical data

VT RANGE VT75D, VT150D, VT200D				
		VT75D	VT150D	VT200D
	FAD @ 5 Bar	65 L/Min	119 L/Min	142 L/Min
	Max (Bar)	8	8	8
	Litres	24	50	50
	Volt / Hz	220-240/50	220-240/50	220-240/50
	kW / HP	0.55 / 0.75	1.1 / 1.5	1.5 / 2.0
	dB(A)	72	74	74
	Kg	40	51	55
	H x W x D (cm)	64 x 52 x 49	87 x 52 x 49	89 x 52 x 52

VT RANGE VT250D, VT300D, VT400D				
		VT250D	VT300D	VT400D
	FAD @ 5 Bar	200 L/Min	238 L/Min	284 L/Min
	Max (Bar)	8	8	8
	Litres	59	100	100
	Volt / Hz	220-240/50	220-240/50	220-240/50
	kW / HP	1.84 / 2.5	2.2 / 3.0	3.0 / 4.0
	dB(A)	74	76	76
	Kg	84	97	107
	H x W x D (cm)	82 x 66 x 57	78 x 115 x 49	78 x 115 x 52

VT75 to VT250 require one 13 amp single phase power supply.
 VT300 + VT400 models require one 20 amp single phase power supply.

Technical data

VTH RANGE VTH75D, VTH150D, VTH200D				
		VTH75D	VTH150D	VTH200D
	FAD @ 5 Bar	65 L/Min	119 L/Min	142 L/Min
	Max (Bar)	8	8	8
	Litres	24	50	50
	Volt / Hz	220-240/50	220-240/50	220-240/50
	kW / HP	0.55 / 0.75	1.1 / 1.5	1.5 / 2.0
	dB(A)	72	74	74
	Kg	43	52	57
	H x W x D (cm)	63 x 68 x 40	69 x 84 x 44	69 x 84 x 44

VTS RANGE VTS75D, VTS150D, VTS200D, VTS250D					
		VTS75D	VTS150D	VTS200D	VTS250D
	FAD @ 5 Bar	65 L/Min	119 L/Min	142 L/Min	200 L/Min
	Max (Bar)	8	8	8	8
	Litres	22	23	23	59
	Volt / Hz	220-240/50	220-240/50	220-240/50	220-240/50
	kW / HP	0.55 / 0.75	1.1 / 1.5	1.5 / 2.0	1.84 / 2.5
	dB(A)	54	55	55	55
	Kg	71	71	76	131
	H x W x D (cm)	65 x 93 x 48	65 x 93 x 48	65 x 93 x 48	90 x 75 x 74

Models VT150D to VT400D are available in 380/415 volt / 3 phase on request.
 Dryer- 40°C dewpoint based on 50% duty cycle.

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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 acquisition and organic growth we now operate a number of specialist divisions within our organisation, each committed to the very highest standards of customer satisfaction -

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 continus 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 -

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 -

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 -



- Budget Silent Running Air Compressors
- Medical/Dental Silent Air Compressors
- Oil Free Air Compressors
- Diaphragm Compressors & Vacuum Pumps
- Gas Circulators
- Sprinkler System Compressors

Our spray painting division manufactures -



- HVLP Turbine Sprayers
- Multi Fleck Paint Sprayers



- Compresseurs d'air silencieux Budget
- Compresseurs d'air silencieux Medical/Dental
- Compresseurs à air à piston sec
- Pompes à vide & compresseurs à diaphragme
- Chauffe-eau à gaz
- Compresseurs pour les installations d'extincteurs à eau automatiques

Notre branche de peinture par pulvérisation fabrique -



- Des pulvérisateurs à turbine HVLP
- Des pulvérisateurs de peinture multi-mouchetures



- Leise laufende Budget Druckluftkompressoren
- Leise laufende Medical/Dental Druckluftkompressoren
- Ölfreie Druckluftkompressoren
- Membrankompressoren und Vakuumpumpen
- Gaszirkulatoren
- Sprinkleranlagen-Kompressoren

Unsere Abteilung für Spritzlackierung fertigt -



- HVLP Turbinenspritzanlagen
- Multi Fleck Lackspritzanlagen



- Compresores de Aire de Funcionamiento Silencioso Budget
- Compresores de Aire de Funcionamiento Silencioso Medical/Dental
- Compresores de Aire Sin Aceite
- Compresores de diafragma y Bombas de vacío
- Distribuidores de gas
- Compresores para sistemas de regadío por aspersión

Nuestra división de pintura con aerógrafo fabrica -



- Aerógrafos con turbina HVLP
- Aerógrafos de pintura multicolor

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