

Oil free
VT 400
OIL FREE AIR



The VT range

QUIET OIL-FREE
AIR COMPRESSORS



MADE
IN
BRITAIN

Oil Free
VT 250
OIL FREE AIR

Bambi's flagship VT range

With four different pumps and six different sizes, the VT range is ideal for a variety of applications. All VT oil-free air compressors utilise a Condor pressure switch and operate between 6 and 8 bar.

Protected by a 2-year warranty, these compressors are available in 240V single-phase and 400V 3-phase motor options. **On the market for over 20 years, the VT range has certainly proven its worth,** offering oil-free air with minimal maintenance requirements. Tanks are internally coated for corrosion resistance and non-dryer models are available with automatic drains upon request.

The VT range

Quality is the primary component built into each Bambi VT oil-free compressor.

At the heart of the VT range is our Vee Twin pump unit with one of the lowest noise levels of any oil free compressor available, made possible by its tilting piston technology.



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.**

The VT range is perfect for when you demand the highest possible air quality for critical applications: dentistry, scientific laboratories, food packaging, pneumatic controls, hospital ventilators, drink dispensing – and anywhere when low maintenance is essential.

Even the standard models without air dryers are fitted with a “soft start” solenoid valve. This discharges the air pressure in the pump whenever the power is disconnected, protecting the compressor from overload and extending the service life. Anti corrosion internally coated air receivers are fitted across the range, reducing the risk of internal corrosion and helping to maintain air quality.

Every model is available with our optional air dryer unit designed to guarantee “desert dry” air. The multi row, fan assisted after-cooler reduces the air temperature prior to entering the dryer. The integral coalescing filter then collects and removes water aerosols down to 0.01 microns.

In this way, the majority of condensed moisture and water aerosols are removed before the desiccant adsorption system further reduces the dew point to as low as -40°C .



Soft start valve



Internally coated receiver



Sequential start



Condor pressure switch

Manufactured by Bambi in house to our own design, the dryer regenerates itself every time the compressor cycles and requires no regular maintenance. An integral downstream HE dust filter removes any residual dust.

And, uniquely on this size of compressor, the duplex units are fitted with a sequential start system which enables these 3.0Hp and 4.0Hp systems to run off a 20 Amp single phase power source reducing installation costs and start up load.

Every compressor is protected by a comprehensive warranty extending to 5 years on the air receiver and 2 years for the compressor (subject to terms).

KEY FEATURES:

Oil-free technology

24L 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⁾

Designed, built and quality tested in Britain

Short lead times

2-year warranty ⁽³⁾

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.

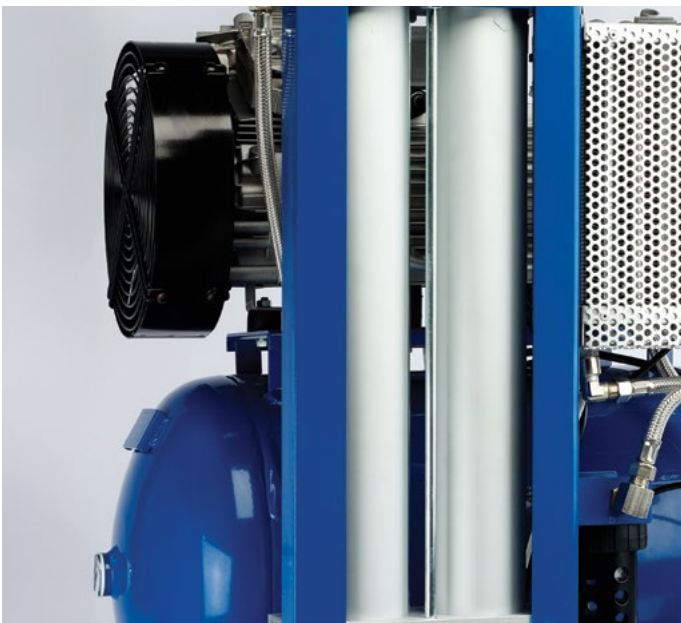
⁽³⁾ Subject to T&Cs.

Dryer and non-dryer models

All dryer models feature an aftercooler and centrifugal filter, which is extremely effective at removing bulk liquid before air passes into the dryer, an important step in increasing the efficiency of the dryer and extending its service life.

VT dryers utilise desiccant media, which reduces the pressure dew point down to as low as -40°C . By design, a dryer model removes water from the dryer after the air has cooled.

Air and water are discharged and collected into a bottle for low maintenance, which can then be disposed of in a manner that adheres to local and environmental standards. The dryers used in the VT range, except for the VT250D, are single-column dryers that, when the compressor is switched from on-load to off-load, will purge. The VT250D, on the other hand, utilises a twin-tower dryer, which features a small constant purge and cycling capabilities.



VT250D Dryer



VT250D Cooler



Optional wheel kit

An optional wheel kit is available for all horizontal tanks. Wheel kit fitted as standard for the VT250.

Also available – Bambi's VTH oil-free range

The VT75, VT150, and VT200 are available on vertical tanks as standard. **However, upon request, we also offer them on a horizontal tank, known as the VTH range.** We've found this to be beneficial for customers with different dimension requirements.



Technical specifications



VT75 / VT75D



VT150 / VT150D



VT200 / 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 ⁽²⁾	220-240V ⁽²⁾
Connection	UK plug ⁽³⁾	UK plug ⁽³⁾	UK plug ⁽³⁾
Weight – VT	29 kg	40 kg	44 kg
Weight – VTD	40 kg	51 kg	55 kg
Dimensions – VT (H x W x D)	63 x 51 x 41 cm	87 x 51 x 41 cm	89 x 51 x 43 cm
Dimensions – VTD (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



VT250 / VT250D



VT300 / VT300D



VT400 / 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 / 3.0 kW
Tank size	59 Ltr	100 Ltr	100 Ltr
Max Pressure	8 Bar	8 Bar	8 Bar
Noise level ⁽¹⁾	82 dB(A)	81 dB(A)	80 dB(A)
Current	13.5 Amps	14 Amps	20 Amps
Voltage	220-240V ⁽²⁾	220-240V ⁽²⁾	220-240V ⁽²⁾
Connection	Hardwired ⁽³⁾	Hardwired ⁽³⁾	Hardwired ⁽³⁾
Weight – VT	62 kg	75 kg	85 kg
Weight – VTD	84 kg	97 kg	107 kg
Dimensions – VT (H x W x D)	82 x 66 x 38 cm	78 x 115 x 42 cm	78 x 115 x 43 cm
Dimensions – VTD (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.



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 LUBRIFIÉ
- POMPES À VIDE & COMPRESSEURS À DIAPHRAGME
- COMPRESSEURS 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.

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