



vt range

Oil Free Air Compressors

ultra quiet air

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 the very latest “tilting piston” technology.

Perfect 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.



VT75D

Model								
VT75	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxwx d
	120	24	8	0.55 0.75	220-240/50	72	29	63x51x41
VT75D	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxwx d
	120	24	8	0.55 0.75	220-240/50	72	40	64x52x49
FAD	1 Bar	2 Bar	3 Bar	4 Bar	5 Bar	6 Bar	7 Bar	8 Bar
L/MIN	108	96	85	74	65	57	48	45

-40°C Dewpoint based on 50% duty cycle

Model								
VT150	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxwx d
	175	50	8	1.1 1.5	220-240/50	74	40	87x51x41
VT150D	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxwx d
	175	50	8	1.1 1.5	220-240/50	74	51	87x52x49
FAD	1 Bar	2 Bar	3 Bar	4 Bar	5 Bar	6 Bar	7 Bar	8 Bar
L/MIN	159	153	142	130	119	110	99	96

-40°C Dewpoint based on 50% duty cycle

Packed with novel technical features, 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 ensuring the air is contamination free.

Model								
VT200	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxwx d
	220	50	8	1.5 2.0	220-240/50	74	44	89x51x43
VT200D	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxwx d
	220	50	8	1.5 2.0	220-240/50	74	55	89x52x52
FAD	1 Bar	2 Bar	3 Bar	4 Bar	5 Bar	6 Bar	7 Bar	8 Bar
L/MIN	193	178	164	150	142	130	122	116

-40°C Dewpoint based on 50% duty cycle

Every model is available with our innovative 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. Dramatically reducing the air temperature enables the integral coalescing filter to collect and remove water droplets as small as 0.01 microns.



VT150D



VT200D



VT250D



Model								
VT250	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxWxd
	300	59	8	1.84 2.5	220-240/50	74	62	82x66x38
VT250D	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxWxd
	300	59	8	1.84 2.5	220-240/50	74	84	82x66x57
FAD	1 Bar	2 Bar	3 Bar	4 Bar	5 Bar	6 Bar	7 Bar	8 Bar
L/Min	280	265	248	222	210	188	179	160

-40°C Dewpoint based on 50% duty cycle

Model								
VT300	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxWxd
	350	100	8	2.2 3.0	220-240/50	76	75	78x115x42
VT300D	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxWxd
	350	100	8	2.2 3.0	220-240/50	76	97	78x115x49
FAD	1 Bar	2 Bar	3 Bar	4 Bar	5 Bar	6 Bar	7 Bar	8 Bar
L/Min	318	306	284	260	238	220	198	192

-40°C Dewpoint based on 50% duty cycle

These models require 20 amp single phase power supply

Model								
VT400	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxWxd
	440	100	8	3.0 4.0	220-240/50	76	85	78x115x43
VT400D	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxWxd
	440	100	8	3.0 4.0	220-240/50	76	107	78x115x52
FAD	1 Bar	2 Bar	3 Bar	4 Bar	5 Bar	6 Bar	7 Bar	8 Bar
L/Min	386	356	328	300	284	260	244	232

-40°C Dewpoint based on 50% duty cycle

These models require 20 amp single phase power supply

All models are available in 110 volt or 380/415 volt 3 phase on request



VT300D



VT400D

In this way we remove 99% moisture content before the desiccant adsorption system powers the dryness right down.

Constructed from high quality "Inox" stainless steel, 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.



Soft Start Valve



Internally Coated Receiver



VT250D Dryer



VT250D Cooler



Sequential Start

Just some examples of the thorough engineering built in to every Bambi VT Oil Free Compressor.

So confident are we, that 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).



VTS75D

Model								
VTS75	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxwx d
	120	23	8	0.55 0.75	220-240/50	54	64	65x93x48
VTS75D	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxwx d
	120	23	8	0.55 0.75	220-240/50	54	71	65x93x48
FAD	1 Bar	2 Bar	3 Bar	4 Bar	5 Bar	6 Bar	7 Bar	8 Bar
L/Min	108	96	85	74	65	57	48	45

-40°C Dewpoint based on 50% duty cycle

Model								
VTS150	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxwx d
	175	23	8	1.1 1.5	220-240/50	55	64	65x93x48
VTS150D	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxwx d
	175	23	8	1.1 1.5	220-240/50	55	71	65x93x48
FAD	1 Bar	2 Bar	3 Bar	4 Bar	5 Bar	6 Bar	7 Bar	8 Bar
L/Min	159	153	142	130	119	110	99	96

-40°C Dewpoint based on 50% duty cycle



VTS150D



VTS200D

Model								
VTS200	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxwx d
	220	23	8	1.5 2.0	220-240/50	55	69	65x93x48
VTS200D	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxwx d
	220	23	8	1.5 2.0	220-240/50	55	76	65x93x48
FAD	1 Bar	2 Bar	3 Bar	4 Bar	5 Bar	6 Bar	7 Bar	8 Bar
L/Min	193	178	164	150	142	130	122	116

-40°C Dewpoint based on 50% duty cycle

Model								
VTS250	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxwx d
	300	59	8	1.84 2.5	220-240/50	55	122	90x75x74
VTS250D	L/Min	Ltrs	Bar	kW HP	Volts/Hz	dB(A)	KG	CM-hxwx d
	300	59	8	1.84 2.5	220-240/50	55	131	90x75x74
FAD	1 Bar	2 Bar	3 Bar	4 Bar	5 Bar	6 Bar	7 Bar	8 Bar
L/Min	280	265	248	222	210	188	179	160

-40°C Dewpoint based on 50% duty cycle

VTS Range, the perfect compressor for laboratories, food industry, drink dispensing, dental surgeries, medical equipment and all other clean-air critical applications.



VTS250D

The Silent Range

VTs250D

There are times when the compressor has to be sited near the point of use and for these installations we have developed the VTS Models which are almost inaudible when running and are perfect when no noise is essential.

Not just an acoustic hood but a dedicated silent range. Engineered from the ground up, with a stunning design that will look great in any location – something that looks this good *should* have pride of place in your workspace !

Having the same innovative features and technological advances as the standard VT models, this additional range has been developed to deliver the highest quality of compressed air with noise levels from as low as 54 dB(A). To ensure the highest levels of reliability, we have carefully studied air flow dynamics and incorporated full force through ventilation to keep everything running cool. A thermostatically controlled sensor signals when any of the four cooling fans should run, reducing noise levels to the absolute minimum.

An optional integral air dryer and after cooler is available on every model achieving a -40°C Dewpoint, delivering the ultimate combination of silence, oil free and dry air in an ultra compact and stylish package.



VTS250 Cooler 3



VTS250D Dryer



VTS250D Dials



VTS250D Wheel

When you require the best quality of Air for your Dental Surgery, or Medical use there is just one name to consider – Bambi.

With over 37 years in the manufacture of precision Air compressors, Bambi have developed the most comprehensive range of Dental, Medical and Scientific Air Compressors manufactured in the United Kingdom.



We supply the comprehensive range of Bambi Air Compressors available to meet the needs of the smallest rural Dental practice through to the largest multi room surgeries for NHS practices, including private Surgeries, Clinics and Laboratories.

Our team can assist with all the technical advice you need including selecting and specifying the correct Air Compressor for your needs, delivery options and installation requirements. Our Service Team can install and maintain your equipment in an efficient and safe condition and protect your 2 Year Warranty on your equipment, and 5 Year Warranty on the Air Receiver.

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Service to Industry
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