

Contact-Cooled Compressors

VB5-37 kW



Diverse solutions. Affordable choices.



The **Aerius™ VB5-37 kW range** of enclosed screw compressors provides performance at extremely competitive prices. From standalone compressors in compact enclosures, to preassembled packages with receiver tanks and dryers, these units are quiet and easy to maintain. They offer affordable choices for meeting and exceeding expectations in small to mid-sized applications — from automotive maintenance to general manufacturing, packaging, printing, metallurgy and more.

Cost-Effective, Readily Available and User-Friendly
for all of your compressed air needs

Aerius™

- Vehicle service
- Metallurgy
- General manufacturing
- Plastics
- Packaging
- Woodworking
- Paper
- Printing



The product of European design

Encapsulated Airend

- Single-stage, oil-injected airend with integrated separator
- Compact to save space
- Fewer parts to reduce wear and tear and ensure easy serviceability



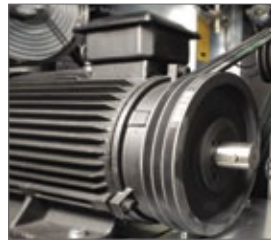
Air Dryer System Control

- Continuous reading of dew point
- Easy setting of interval and time of condensation discharge
- Functionality to control energy consumption



Motor

- Induction motor with IE2 efficiency
- Protection factor of IP54
- Insulation class F



Cooling

- Independent axial fan electronically controlled to maintain constant oil and air temperature



Controller

- User-friendly display for easy reading of the essential data: air pressure, oil temperature, alarms and maintenance schedules
- Adjustable start/stop settings



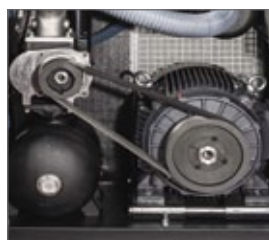
Anti-Vibration Base

- Airend and motor are mounted on a base fixed with anti-vibration supports reducing the noise level and mechanical stress on all parts of the structure



Transmission

- Cast iron pulleys connected by a longitudinal ribbed belt ensures efficient power transmission



Aerius™

Cost-Effective
Readily Available
User-Friendly

A perfect fit for your workshop

5-15 kW

The 5-15 kW Aerius packages are the perfect solution for most workshop compressed air requirements. Available in three different pressure ranges, and optionally supplied with a 272- or 500-liter receiver tank as well as an integrated dryer, these packages suit all your basic needs. Compact, low noise, easy to maintain and simple to operate, the 5-15 kW compressor range provides the best possible value for your investment.

- A** Air Dryer Cooling Fan
- B** Air Dryer System Control
- C** Dryer
- D** Oil Filter
- E** Separator Tank
- F** Oil Radiator
- G** Controller
- H** Pressure Gauge
- I** Receiver Tank
- J** Drain Valve



Pressure Gauge

VB7.5i & VB15i



Simplicity in design. Continuous performance.

18-22 kW

The 18-22 kW range is the answer for mid-sized industries requiring continuous-duty operation. Simplicity of the inner layout and user-friendly controls make maintenance and daily operation efficient, without surprises. To maximize precious work floor space, an integrated dryer and a 500-liter receiver tank are optionally available.

- A** Oil Filter
- B** Cooling Fan
- C** Air and Oil Cooler
- D** Controller
- E** Belt Transmission
- F** Anti-Vibration Base
- G** IE2 Induction Motor
- H** Separator Tank
- I** Encapsulated Airend



Encapsulated Airend

Separator Tank

VB22i



Compact size for heavy-duty applications

30-37 kW

The 30-37 kW range provides an economical solution for your heavy-duty industrial needs. Continuous-duty motors and operation at temperatures up to 45°C ensure there is no unexpected downtime in your process. Compact footprint saves space, and fully-removable panels allow easy maintenance from the machine's front and side.



- A** Air and Oil Cooler
- B** Cooling Fan
- C** Controller
- D** Intake Air Filter
- E** Encapsulated Airend
- F** IE2 Induction Motor
- G** Belt Transmission
- H** Anti-Vibration Base
- I** Separator Tank
- J** Oil Filter



J Oil Filter

VB371



Aerius™ Range

Model - Std. Version	Maximum Pressure bar g	Nominal Power kW	Capacity (FAD)* CFM	Mass kg	Dimensions (Length x Width x Height) mm	Receiver Tank	
						272 liter	500 liter
VB5i-8	8	5	28.1	143	82x54x75	o	o
VB5i-10	10	5	24.7	143	82x54x75	o	o
VB5i-13	13	5	21.9	143	82x54x75	o	o
VB7.5i-8	8	7.5	32.6	143	82x54x75	o	o
VB7.5i-10	10	7.5	29.5	143	82x54x75	o	o
VB7.5i-13	13	7.5	23.7	143	82x54x75	o	o
VB11i-8	8	11	45.6	254	95x63x85	o	o
VB11i-10	10	11	41.1	254	95x63x85	o	o
VB11i-13	13	11	36.0	254	95x63x85	o	o
VB15i-8	8	15	68.9	280	95x63x85		o
VB15i-10	10	15	65.1	280	95x63x85		o
VB15i-13	13	15	57.2	280	95x63x85		o
VB18i-8	8	18.5	92.5	425	100x90x120		o
VB18i-10	10	18.5	85.7	425	100x90x120		o
VB18i-13	13	18.5	75.4	425	100x90x120		o
VB22i-8	8	22	109.7	445	100x90x120		o
VB22i-10	10	22	106.3	445	100x90x120		o
VB22i-13	13	22	89.1	445	100x90x120		o
VB30i-8	8	30	147.4	648	125x94x135		
VB30i-10	10	30	133.7	648	125x94x135		
VB30i-13	13	30	120.0	648	125x94x135		
VB37i-8	8	37	188.5	655	125x94x135		
VB37i-10	10	37	171.4	655	125x94x135		
VB37i-13	13	37	150.8	655	125x94x135		
VB5i-8-272-D	8	5	28.1	252	160x63x125	•	
VB5i-10-272-D	10	5	24.7	252	160x63x125	•	
VB5i-13-272-D	13	5	21.9	252	160x63x125	•	
VB7.5i-8-272-D	8	7.5	32.6	257	160x63x125	•	
VB7.5i-10-272-D	10	7.5	29.5	257	160x63x125	•	
VB7.5i-13-272-D	13	7.5	23.7	257	160x63x125	•	
VB11i-8-272-D	8	11	45.6	365	160x63x130	•	
VB11i-10-272-D	10	11	41.1	365	160x63x130	•	
VB11i-13-272-D	13	11	36.0	365	160x63x130	•	
VB15i-8-500-D	8	15	68.9	438	205x63x144		•
VB15i-10-500-D	10	15	65.1	438	205x63x144		•
VB15i-13-500-D	13	15	57.2	438	205x63x144		•
VB18i-8-D	8	18.5	92.5	455	133x90x120		o
VB18i-10-D	10	18.5	95.7	455	133x90x120		o
VB18i-13-D	13	18.5	75.4	455	133x90x120		o
VB22i-8-D	8	22	109.7	475	133x90x120		o
VB22i-10-D	10	22	106.3	475	133x90x120		o
VB22i-13-D	13	22	89.1	475	133x90x120		o

o Option • Standard

*FAD (Free Air Delivery) is full package performance including all losses. Tested per ISO 1217 : 2009 Annex C and it is measured at 0.5 bar lower than maximum pressure on non-dryer units and at maximum pressure on dryer equipped units.

Reference condition: Suction pressure 1 bar g - Air inlet temperature (20°C) - Intake air humidity (50%).

Dryer units deliver ISO Class 1-4-2 quality air measured at steady state conditions in accordance with ISO 8573-1:2001 that dictates inlet air to package of 25°C and relative humidity of 60%.

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