

Power and performance

**Gardner
Denver**



THE VS 130-155 VARIABLE SPEED DRIVE – MORE PERFORMANCE POWER WITH LOWER ENERGY COSTS

The sophisticated VS 130-155 compressors from Gardner Denver provide a unique solution to achieve high performance at lower energy costs. These machines bring added value to your large applications with a capacity range of 3.3 to 25.7 m³/min.

The VS 130 and 155 compressors are based on the same fundamental technology as the ESD 75-160 compressors – but are Variable Speed Drive units. The integrated frequency converter controls the capacity according to the exact compressed air requirements. This compressor uses standard electric motors and features the advanced Gardner Denver oil separation system to ensure clean air throughout the whole wide capacity range.

Modern technology

Based on standard components, the VS Series is easy to maintain and service. The variable speed drive eliminates the need for a gearbox, making the compressor more efficient, compact, reliable and it requires less maintenance. The outstanding performance power of the VS 130-155 is based on the world leading ENDURO® air end.

DigiPilot controls

These compressors are equipped with the DigiPilot control system, which also controls the frequency converter, thus simplifying adjustments to the desired control parameters.

CUT ENERGY COSTS



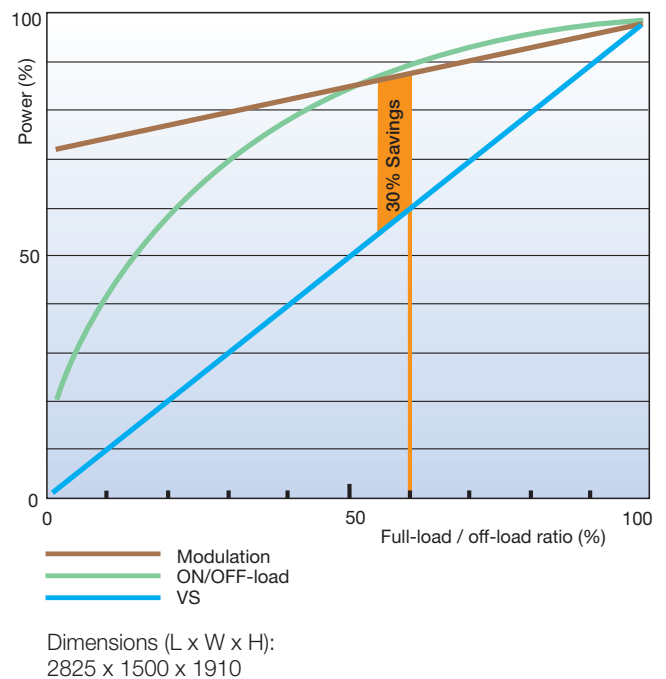
Gardner Denver's VS compressors use frequency converter technology holding the required pressure level. This means that the rotation speed of the air end is matched exactly to the air requirements. The result is constant pressure in the network at all times to avoid over compression and to minimize the power consumption throughout the regulation range.

With a 28-100% air-end speed range, our VS 130-155 compressors feature the market's quickest adaptation to air demand changes.

The VS benefits in a nutshell:

- Up to 35-40% energy savings
- Up to 20-30% savings in LC costs during the first 5-year period
- Rapid reaction to pressure changes
- Constant working pressure
- No need for over-compressing
- eXact rpm to real air demand
- Wide regulation range with good efficiency
- High motor power factor
- Smooth start with the inverter technology
- Less off-loadings and fewer starts
- Sized to operate at full capacity for unlimited time
- Easy plug and play installation

Gardner Denver Variable Speed



VS 130	Maximum pressure		Capacity at nominal pressure*		Nominal Power		Net weight	Noise level**
	bar	psig	m ³ /min	cfm	kW	hp	kg	dB(A) max
	7,5	110	3.3 - 21.8	117 - 770	130	170	2700	76
	10	145	3.3 - 18.4	117 - 650				

VS 155	Maximum pressure		Capacity at nominal pressure*		Nominal Power		Net weight	Noise level**
	bar	psig	m ³ /min	cfm	kW	hp	kg	dB(A) max
	7,5	110	3.3 - 25.7	117 - 907	155	205	2700	78
	10	145	3.3 - 21.8	117 - 770				
	13	190	3.3 - 18.0	117 - 636				

* Capacity measured in accordance with Cagi Pneurop PN2CPTC2 using the following working pressures: 7.5 bar models at 7 bar, 10 bar models at 9 bar and 13 bar models at 12 bar.

** Noise pressure level Lp measured in accordance with Cagi Pneurop PN8NTC2.2 +- 3 dB(A) with Super Novox enclosure.

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