

Less is more

**Gardner
Denver**

eXact[®]
RPM



THE VS 10 VARIABLE SPEED DRIVE – THE SMALL COMPRESSOR FOR HUGE ENERGY SAVINGS

Gardner Denver's new VS 10 compressor is the smallest genuine Variable Speed Drive compressor on the market. This newcomer also provides huge energy savings in small 4-7 kW applications.

The new model is based on the same fundamental technology as the ES 4-7 kW compressors - but is a genuine Variable Speed Drive unit. The integrated frequency converter controls the capacity exactly according to compressed air requirements. The VS 10 compressor uses standard electrical motors, unlike some of the competitive units, which use high-speed special motors. An optional integrated dryer is also available.

Easy to install anywhere

The VS 10 has the TEMPEST[®] 3 integrated compressor unit with the ENDURO[®] 3 air end. Small and compact, this compressor requires limited floor space and the installation possibilities are limitless. The VS 10 can operate in a network without the air receiver tank.

Modern technology

An advanced automatic belt-tensioning system gives optimal belt-tension in all conditions. This compressor is easy to use and maintain thanks to the multi-lingual, full feature system.

CUT ENERGY COSTS



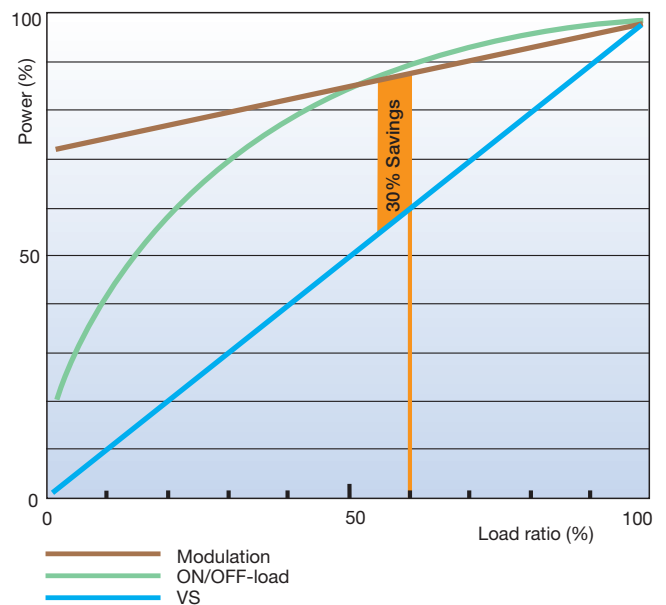
Gardner Denver's VS compressors are based on frequency converter technology to control the capacity precisely to the air demand. This means that the rotation speed of the air end is matched exactly to the requirements. The result is constant pressure in the network at all times to minimize the power consumption.

With a 25-100% air-end speed range, our VS 10 compressor features 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
- Requires no air tank (min. air network vol. 40 l)
- Easy plug and play installation

Gardner Denver Variable Speed



Maximum pressure*		Capacity at nominal pressure**		Power		Net weight	Noise level***	
bar	psig	m ³ /min	cfm	kW	hp	kg	dB(A) max	dB(A) 60%
7,5	110	0.22 - 1.15	7.8 - 41	7.5	10	270	68	64
10	145	0.23 - 0.85	8.1 - 30				66	62
13	190	0.29 - 0.67	10 - 24				66	65

* Max pressure -0.25 bar with integrated dryer

** 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).

Gardner Denver

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