

The new VS compressors

**Gardner
Denver**



THE VS 60-80 – BIG IN ENERGY SAVINGS AND PERFORMANCE

Since its introduction in 1998, Gardner Denver Variable Speed technology has saved energy for numerous satisfied customers worldwide.

The VS 60-80 compressors cover a capacity range of 1.9 m³/min to 11.5 m³/min at 7 bar. They feature the proven ES technology and are equipped with a frequency converter to control the capacity exactly according to compressed air requirements. The VS 60-80 compressor use standard electric motors, unlike some competitive units, which use high-speed or other type special motors. An optional integrated dryer is also available.

Easy to install anywhere

The heart of the VS 60-80 compressors is the TEMPEST[®] 25 integrated compressor unit with the ENDURO[®] 25 air end. This compact compressor requires a limited floor space and the installation possibilities are practically limitless.

Modern technology

An advanced belt-tensioning system gives optimal belt-tension in all conditions which means very long belt life. The compressor is easy to use and maintain thanks to the multi-lingual, full feature VS-Pilot/Digi-Pilot control system.

CUT ENERGY COSTS



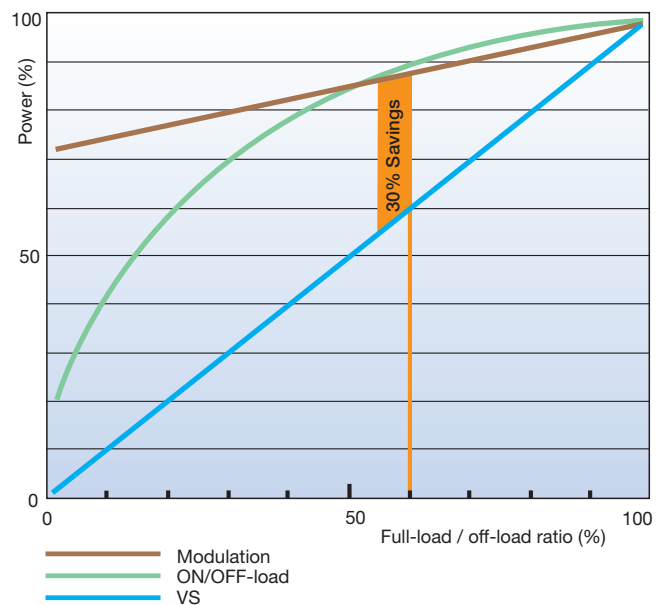
Gardner Denver's VS compressors are based on reliable and proven frequency converter technology to control the capacity precisely to the air demand. This means that the rotation speed of the air end is matched exactly to the requirements. The result is constant pressure in the network at all times. This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

With a 30 - 100% air-end speed range the VS 60-80 compressors feature the markets widest turn-down range and quickest adaptation to air demand changes.

The VS benefits in a nutshell:

- Up to 35 - 40% energy savings
- Up to 20 - 30% savings in Life Cycle 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: means less wear and tear on the compressor
- Wide regulation range with good efficiency
- High motor power factor
- Smooth start with the inverter technology
- Less off-loading cycles and fewer starts
- Sized to operate at full capacity for unlimited time
- Easy plug and play installation

Gardner Denver Variable Speed



VS 60	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	1.9 - 9.4	67 - 332	50	67	1220	70
	10	145	2.1 - 8.2	74 - 290				
	13	190	2.2 - 6.6	78 - 233				

VS 80	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	1.9 - 11.5	67 - 406	75	100	1330	71
	10	145	2.1 - 9.9	74 - 350				
	13	190	2.2 - 8.1	78 - 286				

* 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) with super Novox enclosure.

Gardner Denver

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