



CSA/VSD SERIES // Variable Speed Compressors

SAVE ENERGY, SAVE MONEY



/// CHAMPION

Benefit from a choice of heavy duty models that deliver a lifetime of tough performance // quiet designs that save space and money // Sullair genuine parts specifically engineered for durability // Australian designed technology for Australian conditions.

Sullair Performance

When compared to other variable speed compressors, the endurance of the CSA V-series truly stands out. Able to run at full 100% duty for extended periods, the CSA V-series takes advantage of specially engineered components such as the drive inverter, aftercooler, oil cooler and drive motor to provide you with outstanding performance.

The Optimal Flux Factor

Patented 'Optimal Flux' Technology allows precise and dynamic drive-to-motor calibration, which minimises losses and delivers optimum performance and efficiency throughout the CSA V-Series. Optimal Flux reduces motor temperatures by up to 11°C, giving greater turn-down, eliminating forced ventilation and cooling requirements, and improving motor efficiency and longevity.

Designed to last distance

The V-drive technology incorporates a super-soft start that minimises motor-winding stresses. Superior motor longevity is assured through the use of Optimal Flux Technology, which reduces the motor operating temperature, eliminates over 50% of motor surges and enhances the quality of power.

Lowest lifetime cost

The Sullair V-series is built tough and so we back it with a range of extended warranty options up to a full 10 years of peace of mind. And for the lowest lifetime costs - talk to us about service and maintenance plans that will save you thousands.

Powerful air for every need

Sullair's harsh environment design philosophy minimises the risk of component damage with an IP55, TEFC low temperatures rise, high-efficiency, MEPS-2 motor and IP54 electrical enclosure. The drive inverter allows the compressor to perform in hot, humid and dusty environments.

One number for all your support

All Sullair products are backed by our national support network of branches and over 40 GPS tracked service vans. Our National Customer Response Centre is waiting to handle your technical enquiries, service bookings and emergency breakdowns. To speak to our experts, call 1300COMPRESSOR (1300 266 773).

- Clever Component Protection
- Enhanced Safety
- Ultra Quiet Performance
- Environmentally Considerate



Maximise your savings with the cost efficient CSA V-series; the smart variable speed compressor. Patented Optimal Flux Technology extends motor life, offers up to 86% turn-down and eliminates forced ventilation and cooling.



The pioneer in rotary screw technology



Electronic Control Panel



Every Sullair CSA/VSD has ease of servicing built in and is backed by a range of genuine spare parts and full factory warranty.

Range Of Features

The CSA VSD range of machines come equipped with a wide range of features including integrated moisture separator, thermostatically controlled fan, high efficiency cooler, phase sequencing relay and “Sullube” A biodegradable polyglycol synthetic lubricant.

Maximum Energy Efficiency

Compared to on/off load compressors Sullair V-series delivers up to 25% savings at partial loads. The V-series can save you thousands of dollars in energy charges per annum.



Always Air, Always There

Sullair VSD compressors deliver both constant flow and constant pressure to meet your application needs. On/Off load constant speed compressors require minimum cut-in and maximum cut-out stored pressures to meet flow demand, resulting in significant swings in delivered pressure and greater wear and tear.

Figure 1

System pressure for constant speed and VSD compressor

MODEL	MAXIMUM WORKING PRESSURE			FREE AIR DELIVERY* OF UNIT AT WORKING PRESSURE			MOTOR		NOISE LEVEL ***	DIMENSIONS	AIR OUTLET DISCHARGE SIZE	APPROX. WEIGHT Kg
	Bar	Kg/cm ²	PSI	l/s	m ³ /min	CFM	kW	HP	dBA@1m	D X W X H (mm)		(nominal)
CSA 18 VSD	7.5 10.0 13.0	7.65 10.2 13.3	109 145 188	52.4 43.9 36.3	3.1 2.6 2.2	111 93 77	18.5	25	67	1350 x 820 x 1350	1 1/2 " BSPF	680
CSA 22 VSD	7.5 10.0 13.0	7.95 10.2 13.3	109 145 188	61.8 50.9 45.3	3.7 3.1 2.7	131 108 96	22	30	69	1350 x 820 x 1350	1 1/2 " BSPF	700
CSA 30 VSD	7.5 10.0	7.65 10.2	109 145	81.2 66.0	4.9 4.0	175 140	30	40	72	1620 x 900 x 1570	1 1/2 " BSPF	1100
CSA 37 VSD	7.5 10.0 13.0	7.95 10.2 13.3	109 145 188	114.2 96.2 88.2	6.9 5.8 5.3	242 204 187	37	50	73	1620 x 900 x 1570	1 1/2 " BSPF	1165

* Unit capacity specified according to PNEUROP / CAGI PN2CPTC2. ± 3dBA Note: Technical data shown for standard compressor package not including options



ALL COMPRESSORS ARE BACKED WITH FAST DELIVERY, INSTALLATION, A RANGE OF SERVICE AND WARRANTY OPTIONS

SULLAIR AUSTRALIA PTY LTD ABN 68 006 732 332

324-332 Frankston-Dandenong Road, Dandenong, VIC Australia 3175

PO Box 5194, Hallam, VIC 3803 P 1300 COMPRESSOR (1300 266 773)

F +61 3 9703 9053 facebook.com/SullairAustralia **SULLAIR.COM.AU**

sales@sullair.com.au

