

VOC/VX SERIES

VOC

VOC-VSD

VX 110

VX 160

SERIES

A Champion performer
for Australian conditions





CONTENTS

The VOC/VX Series	4
Our Brands	5
Our Point of Difference	6
AirLinx	8
VOC Series Benefits	10
VOC VSD Spiral Valve Benefits	11
The VOC Series	12
The VOC VSD Series	13
The VX Series	14



THE VOC/VX SERIES

Designed and engineered in Australia, for more than 50 years Australian businesses have relied on Champion compressors to perform in the most demanding conditions on the planet.

Less downtime and more energy efficiency means you save money. And with the confidence that your day-to-day operations are under control, you can cast your mind to tomorrow's targets.

From the extreme heat of the far North to the colder climes of the South, Australian communities are as diverse as the

industries that support them. That's why our heavy-duty Champion compressors are fully customisable. Quiet and compact, we'll fit within your space and budget requirements. And with all our genuine parts engineered for durability, we guarantee every Champion compressor will deliver a lifetime of tough performance, wherever you are.



OUR BRANDS

SULLAIR

The name you
can trust.



If your business runs on compressed air, then you need a reliable compressed air supplier. A company that understands the local conditions, goes above and beyond to solve even the most complex of problems, and helps you retain your competitive edge with smart new technologies and bright ideas.

Sullair is that business. Over the half-century we've been operating, we've been proud to support Australian industry across fields as diverse as mining, farming and healthcare.

We see ourselves not just as your supplier, but also as your partner – a proudly Australian operator backed by our international parent company Hitachi. Your success is our success. So if you can't do without compressed air, let's have a chat about what we can do for you.

CHAMPION

Superior components, customer service, efficiency and reliability even in the harshest environments on Earth.



Four reasons why Champion is one of the highest-rated air compressor brands in Australia.

AUSTRALIAN DESIGNED

Tropical North to desert centre and frosty extremities – no one on Earth knows harsh and varied environmental conditions like Australians. That's why we design and engineer everything right here.

OUR POINT OF DIFFERENCE



Customer support

FULL SUPPORT, NO WORRIES

When you buy a Sullair compressor, you're not just buying a compressor.

You're buying the peace of mind that comes with a national support team, including seven local offices, GPS-tracked mobile service vans, instructor-led and online training, plus the expertise of our technicians, who are factory trained using the latest tools and diagnostic techniques to ensure the optimum service of your compressor. So if anything ever goes wrong, or if you simply want to make sure that you're getting the most out of your compressor, just call **1300 266 773**. We've got you covered.



Reduced life cycle costs

DRIVING PRODUCTIVITY UP, AND ENERGY COSTS DOWN

We know energy efficiency is important to you; it's important to us, too.

Compressed air systems now make up 10 per cent of total industrial electricity use in Australia, and the cost of electricity continues to rise.

And that's not all: nearly 75 per cent of the life-cycle cost of an air compressor is energy. This is why we've designed our Sullair compressors and air ends to deliver optimum efficiency over their life cycle.



Lowest lifetime cost

RELAX, WE'VE GOT IT COVERED FOR A DECADE

Your business is here for the long haul, and so are our compressors.

Champion brand products come with an (optional) 5-year or 10-year extended warranty, giving them the lowest lifetime cost – and probably the greatest peace of mind – of any compressor around.



Powerful air

AIR POWER TO MATCH EVERY TASK, EVERY TIME

You can be rest assured that our tools are always up to the task.

Our Champion VOC/VSD series compressors are built to be relentless performers from 45 to 250kW. With an impressive free-air delivery range - 111 l/s (236 cfm) up to 729 l/s (1544cfm) pressure variants from 7.5 bar to 13 bar - and the renowned Sullair Air End reliability, you've got a powerful partner in any task for years to come.



Maximum efficiency

MAXIMUM AIR, MINIMUM ENERGY

Sometimes the design features that leave the greatest impacts are the things we don't see.

By putting energy efficiency at the forefront of every engineering decision we make, we ensure all Champion products minimise power consumption.

And by helping keep energy bills down, we know our smarter technologies give businesses a competitive edge.



Real-time monitoring
for real peace of mind.

Managing a business is hard enough without the added stress of worrying about how your equipment is running. That's why the AirLinx Plus plan offers advanced remote monitoring to give you the confidence that everything is working properly.

AIRLINX PLUS

You'll see data logged at 10-second intervals across a range of sensors, with up to three years of operational history to help spot trends over time. That means any problems can be solved well before they cause a breakdown. All so you can focus on what counts: building your business

AIRLINX BENEFIT

Simple solutions – even from far away.

With the easy-to-use AirLinx portal, you can easily see how your compressor is running minute to minute – even from the other side of the world. That means any unexpected shut-downs or warnings are easy to sort out, minimising downtime and maximising your productivity.





VSD SPIRAL VALVE BENEFITS



Energy saving, whilst lowering running costs



Improved overall efficiency of the machine



Better for the environment



Stable pressure output



Longer life of machine and air end



Improved performance at lower loads

THE VOC SERIES

The Sullair VOC (Variable Output Control) range of compressors are designed to shrink your energy costs without compromising on performance.

A large, slow-running air end maintains constant pressure, but requires surprisingly little power to run.

Available in a range of models from 45kW up to 250kW output, the right VOC compressor will lower running costs for years to come, backed by an optional warranty of up to ten years.



TECHNICAL SPECIFICATIONS

MODEL	MAX PRESSURE		CAPACITY - FREE AIR DELIVERY			MOTOR RATNG		NOISE LEVEL DB(A)	DIMENSIONS	APPROX WEIGHT	AIR OUTLET DISCHARGE SIZE
	PSI	BAR	L/S	M³/MIN	CFM	KW	HP		D x W x H (mm)	kg	
VOC 45	109 145	7.5 10	141 111	8.5 6.7	300 236	45	60	68	1995 x 1300 x 1970	2075	2" BSPF
VOC 55	109 145 188	7.5 10.0 13.0	168 141 111	10.1 8.5 6.7	355 300 236	55	75	68	1995 x 1300 x 1970	2075	2" BSPF
VOC 75	109 145 188	7.5 10.0 13.0	236 202 174	14.2 12.1 10.4	500 428 368	75	100	73	1995 x 1300 x 1970	2075	2" BSPF
VOC 90	109 145 188	7.5 10.0 13.0	279 239 206	16.7 14.3 12.4	591 505 437	90	125	73	1995 x 1300 x 1970	2200	2" BSPF
VOC 110	109 145 188	7.5 10.0 13.0	338 293 250	20.3 17.3 15.0	717 621 530	110	150	76	1825 x 2730 x 2160	3280	80NB (3") ANSI 150 FLANGE
VOC 132	109 145 188	7.5 10.0 13.0	398 312 272	23.9 18.7 16.3	843 660 577	132	175	76	1825 x 2730 x 2160	3645	80NB (3") ANSI 150 FLANGE
VOC 160	109 145 188	7.5 10.0 13.0	469 391 314	28.1 23.5 18.8	993 828 665	160	215	77	1825 x 2730 x 2160	3650	80NB (3") ANSI 150 FLANGE
VOC 185	109 145 188	7.5 10.0 13.0	517 451 388	31.0 27.1 23.3	1095 955 823	185	250	79	1825 x 2730 x 2160	3690	80NB (3") ANSI 150 FLANGE
VOC 250	109 145	7.5 10.0	729 652	43.7 39.1	1544 1381	250	335	78	1780 x 5190 x 2165	6000	100 NB (4") ANSI 150 FLANGE

THE VOC VSD SERIES

Combining the energy efficient high turndown Variable Speed Drive (VSD) with the Variable Output Control (VOC) spiral valve, this range delivers maximum performance.

Unlike standard on/off load compressors, which create swings in pressure, wasted energy and high wear and tear, these models deliver stable, reliable pressure at lower operating temperatures with Optimal Flux Technology.

That's good news for the environment – and good news for your bottom line. And if a fault ever occurs, there's minimal fuss – just call the Sullair customer service team to get it sorted it out.



TECHNICAL SPECIFICATIONS

MODEL	MAX PRESSURE		CAPACITY - FREE AIR DELIVERY			MOTOR RATNG		NOISE LEVEL DB(A)	DIMENSIONS	APPROX WEIGHT	AIR OUTLET DISCHARGE SIZE
	PSI	BAR	L/S	M ³ /MIN	CFM	KW	HP		D x W x H (mm)	kg	
VOC 45 VSD	109 145	7.5 10	141 111	8.5 6.7	300 236	45	60	68	2125 x 1300 x 2020	2175	2" BSPF
VOC 55 VSD	109 145 188	7.5 10.0 13.0	168 141 111	10.1 8.5 6.7	355 300 236	55	75	68	2125 x 1300 x 2020	2140	2" BSPF
VOC 75 VSD	109 145 188	7.5 10.0 13.0	236 202 174	14.2 12.1 10.4	500 428 368	75	100	73	2125 x 1350 x 2020	2175	2" BSPF
VOC 90 VSD	109 145 188	7.5 10.0 13.0	279 239 206	16.7 14.3 12.4	591 505 437	90	125	73	2125 x 1330 x 2020	2300	2" BSPF
VOC 110 VSD	109 145 188	7.5 10.0 13.0	338 293 250	20.3 17.3 15.0	717 621 530	110	150	76	1825 x 2730 x 2110	3480	80NB (3") ANSI 150 FLANGE
VOC 132 VSD	109 145 188	7.5 10.0 13.0	398 312 272	23.9 18.7 16.3	845 663 578	132	175	76	1825 x 2730 x 2110	3845	80NB (3") ANSI 150 FLANGE
VOC 160 VSD	109 145 188	7.5 10.0 13.0	469 391 314	28.1 23.5 18.8	996 830 667	160	215	77	1825 x 2730 x 2110	3950	80NB (3") ANSI 150 FLANGE
VOC 185 VSD	109 145 188	7.5 10.0 13.0	517 451 388	31.0 27.1 23.3	1098 958 824	185	250	79	1825 x 2730 x 2110	3970	80NB (3") ANSI 150 FLANGE
VOC 250 VSD	109 145	7.5 10	729 652	43.7 39.1	1544 1381	250	335	78	1780 x 5185 x 2110	6300	100 NB (4") ANSI 150 FLANGE

THE VX SERIES

The VX 160 and the VX 110 are Sullair Australia's next generation offerings within the Champion range. The VX series offers higher efficiency helping you save energy and money.

With Sullair's next generation air ends and variable speed fans, the finer tolerances will increase the reliability of your output. Compared to constant speed compressors, the Champion VX range can deliver up to 30% power savings at part loads – potentially saving you thousands of dollars in yearly energy costs.

Designed in and for Australian conditions, the VX series promises to be your preferred oil-injected screw compressors for hot and humid environments. The electrical and mechanical components used in this range have a proven track record for providing superior reliability in severe conditions.



TECHNICAL SPECIFICATIONS

MODEL	MAX PRESSURE		CAPACITY - FREE AIR DELIVERY			MOTOR RATNG		NOISE LEVEL DB(A)	DIMENSIONS		APPROX WEIGHT	AIR OUTLET DISCHARGE SIZE
	PSI	BAR	L/S	M³/MIN	CFM	KW	HP		D x W x H (mm)		kg	
VX 110	109 145	7.5 10	354 319	21.3 19.2	751 677	110	150	68-75	1825 x 2730 x 2110		3480	3" ANSI 150 Flange
VX 160	109 145 188	7.5 10.0 13.0	491 437 380	29.5 26.2 22.8	1041 926 805	160	215	68-76	1825 x 2730 x 2110		3950	3" ANSI 150 Flange





7 Bazalgette Cres, Dandenong South,
VIC 3175, Australia

T 1300 COMPRESSOR
F +61 3 9703 9053

sullair.com.au

*With our policy of continuous improvement, we reserve the right to change or discontinue at any time, specifications or designs without notice. Note: All images are for illustration purposes only. E&OE