



BRUSHLESS

PORTABLE AND ON-BOARD AIR COMPRESSORS

4X4 ACCESSORIES





PRODUCT BULLETIN

Introduction

As we prepare to celebrate our 50th anniversary, it's a fitting time to look back and remind ourselves that for 40 of those years we have been making air compressors.

ARB's compressor journey began as we developed our first model to ensure reliable operation of our Air Lockers - both of which have since gone on to become iconic ARB products that we are known for to this day.

Over time, our reputation for producing powerful and reliable air compressors grew and we started getting requests from the likes of the US and Australian military services, who challenged us to create an even more powerful air compressor, and the renowned ARB Twin Air Compressor was born.

In the decades since, we have remained committed to continuous improvement and innovation, leading the way in automotive air compressor technology.

Now, after more than six years of development we are ready to reveal the latest evolution, and addition, to the ARB compressor range.

The ARB Brushless Air Compressor.





PRODUCT BULLETIN



THE BRUSHLESS AIR COMPRESSOR RANGE

PRODUCT INFO BULLETIN NO.	2477
DATE	November 2024
DESCRIPTION	ARB Brushless Air Compressor
PART NO.	Refer to table
BARCODE	Refer to table
AVAILABILITY DATE	Pre order available now

OVERVIEW

Introducing the future of air compressors, designed for 4WD enthusiasts: The ARB Brushless Compressor. Engineered with cutting-edge technology, these innovative compressors feature an industry-first brushless motor, re-defining performance, efficiency and reliability. Compared to our current market-leading compressor range, the new brushless compressor range delivers an incredible 50% increase in output. So whether you're tackling challenging terrain or setting up camp, the ARB Brushless Air Compressors ensure you have the power and reliability you need to keep your equipment running smoothly, along with all the gear at your campsite inflated and ready to go. Experience unparalleled performance and convenience with the ARB Brushless Air Compressor range - faster air, for out there.

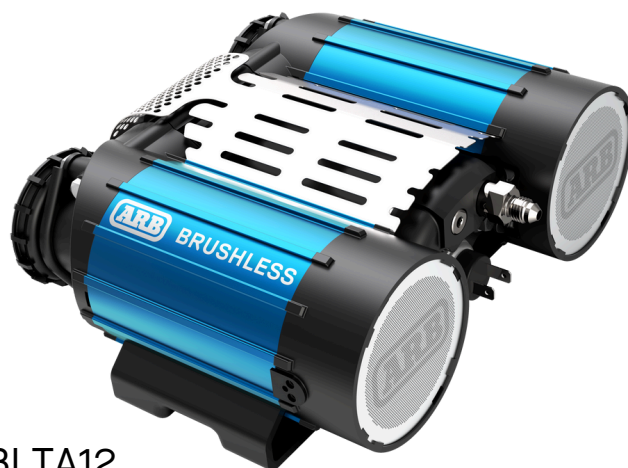


PRODUCT BULLETIN

Part No.	Description	Barcode	Availability
CKBLA12	BRUSHLESS COMPRESSOR SINGLE ON-BOARD	9332018082435	First Quarter 2025
CKBLTA12	BRUSHLESS COMPRESSOR TWIN ON-BOARD	9332018082442	First Quarter 2025
CKBLP12	BRUSHLESS COMPRESSOR SINGLE PORTABLE	9332018112392	First Quarter 2025
CKBLTP12	BRUSHLESS COMPRESSOR TWIN PORTABLE	9332018112408	First Quarter 2025



CKBLA12



CKBLTA12



CKBLP12



CKBLTP12



PRODUCT BULLETIN

FEATURES & BENEFITS



BRUSHLESS
MOTOR

Brushless motors have less wearing parts, rev faster and can compress air quicker. Meaning less time inflating and more time adventuring.



50% INCREASE
IN OUTPUT

Both the new brushless single and twin compressors boast an impressive 50% increase in output compared to our already market leading compressors, making tyre inflation faster than ever.



ACTIVE COOLING

Electronically controlled fans will continue to operate even when the compressor is no longer in use, ensuring the compressor is kept at optimum operating temperature.



ELECTRONIC SPEED
CONTROL

Programmed to adjust speed to maintain optimum performance and operation across all pressures and ambient temperature conditions.



QUICK-RELEASE
MOUNTS

Quick-release mounts for on-board models making installation simpler and faster.



VOLTAGE &
OVERLOAD
PROTECTION

Built-in protection against voltage spikes, drops or fluctuations, as well as safeguards against over-current and motor stall.





PRODUCT BULLETIN

FEATURES & BENEFITS



FUNCTION
CONTINUITY

Programmed to constantly monitor performance and make necessary adjustments to account for external factors, such as temperature and variations in vehicle charging systems.



SMART
STARTUP

Twin compressors are designed with staggered “Power On” functionality to reduce initial inrush current and protect your vehicles electrical system.



RELAYS
ELIMINATED

Relays have been removed from on-board models to simplify and speed up installation.



STATUS
REPORTING

Live diagnostics with both audio and visual alerts.



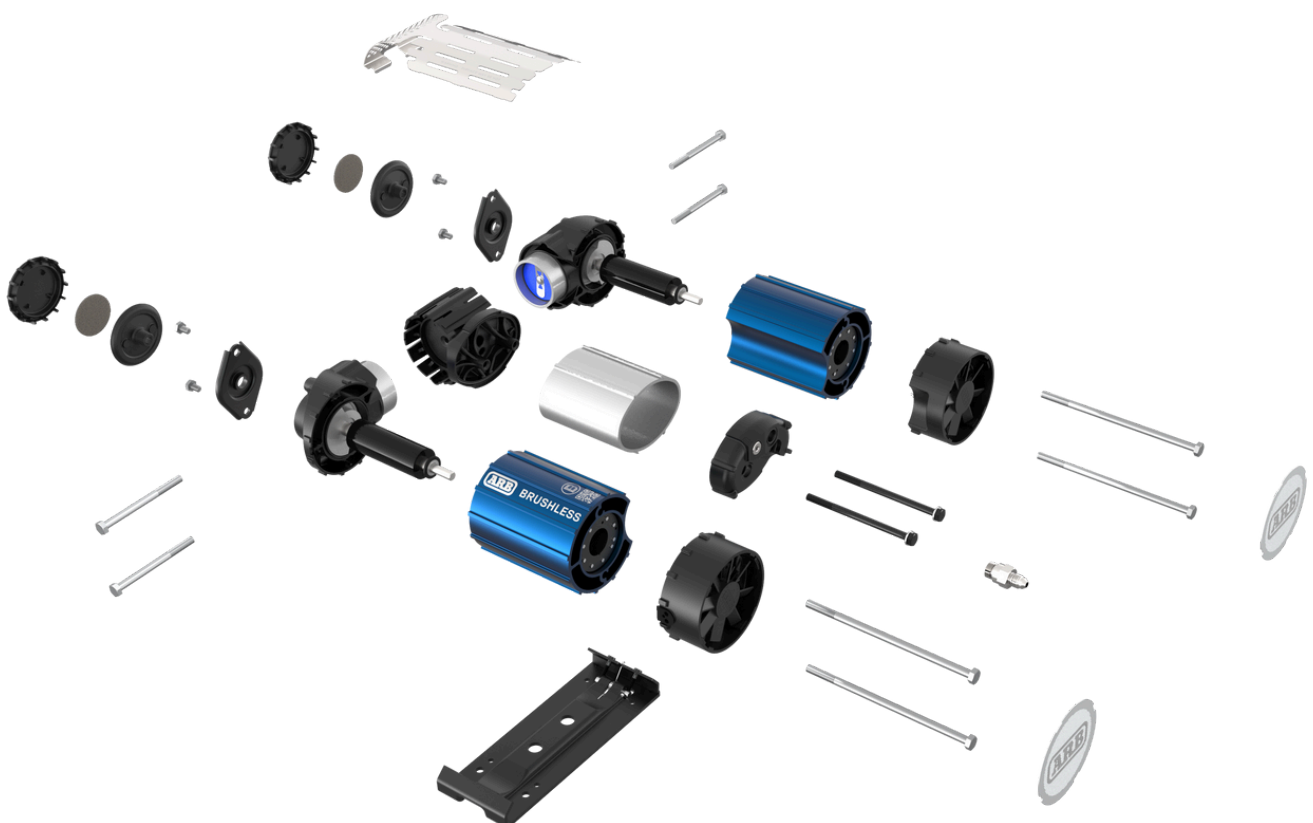
MOTOR ISOLATION

Twin compressor models are programmed to shut down one of its two motors to continue operating in low voltage situations.



POLARITY
CORRECTION
HARNESS

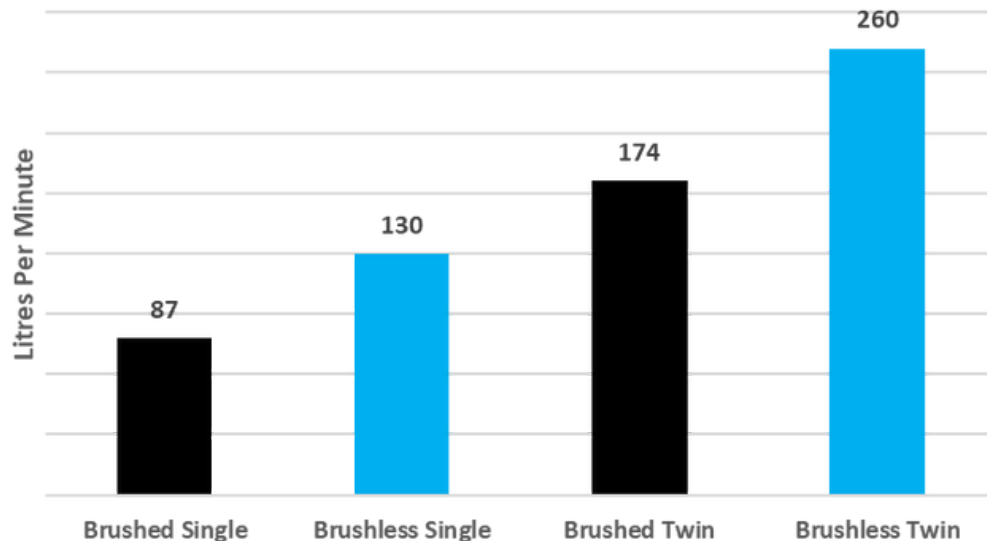
Portable Brushless models feature blue clamps and a polarity correction harness, allowing either clamp to be connected to either battery terminal.





PRODUCT BULLETIN

PERFORMANCE - FLOW RATE



The new ARB Brushless Single and Twin Compressors have been designed to complement our already market leading range and boast an impressive 50% increase in output.

Please click [here](#) to visit the dedicated ARB Brushless Compressor landing page to view all technical specifications and learn more about the features and benefits of our new range. You can also click on the play button below to be directed to YouTube and hear from Daniel Bongard, ARB's Engineering Manager - Mechanical Products.

