

Introducing the new coolant pump

SPAL is not just about fans and blowers anymore with the launch of the first in the range of SPAL coolant pumps, the SCP02. Matthew Morris, SPAL Automotive UK MD, explains why the pump has been developed and why engineers are sitting up and taking notice.



System Efficiency

A cooling pump is an essential part of any vehicle's thermal management system. With the move to brushless cooling fans bringing more control into the system to manage temperatures at the most efficient level, the pump is another component to make the overall system more efficient.

Brushless Drive

The pump is a natural progression of brushless range planned from the beginning to introduce a secondary function of the drive unit to push coolant around the radiator while fans were blowing air around the radiator.

It comes into its own with electrified systems when thinking about batteries where the ability to accurately control the flow of coolant through the radiator is critical to the battery performance and longevity.

The Range

The new pump range comprises 3 units in 12v and 24v in 3 power setting 300w, 650w, 900w power settings. The 650w unit is available now with the 300w and 900w coming soon.

The Feedback

When we are placing the pump unit in front of engineers, they are quick to appreciate it's a SPAL product which is well-designed and well-engineered with the signature reliability and efficiency they have come to expect.

Even more thermal management

The brushless pump simply means even more thermal management, keeping the system at its most efficient within the points of temperature tolerances which delivers more control and more efficiency into the system full stop.

Key Features:

- Operating supply voltage range 16.0 - 32.0 at the drive connector
- Operating ambient temperature range -40°C - +120°C
- Operating fluid temperature range -40°C - +120°C
- Lifetime up to 40,000 hours
- Reverse polarity protection ISO 16750

To find out more call us on 01905 613 714
or drop us a line at sales@spalautomotive.co.uk

