



Press Release

Support for MERCEDES AMG PETRONAS Formula One™ Team

ebm-papst Keeps Heads Cool on the Pit Wall

In the tricky situations that arise during a race, the Engineers on the Pit Wall need to make the right decisions within seconds. Thanks to the air conditioning system supported by fans from ebm-papst, the MERCEDES AMG PETRONAS Formula One™ Team's Engineers have benefitted from a more comfortable environment in which to make their decisions from since the beginning of the 2016 season.

On the MERCEDES AMG PETRONAS Pit Wall, five Engineers monitor the performance of both cars during each race, paying attention to even the smallest of details. The strategy, for example, analyzes over 150,000 possible scenarios in real time to help determine the plan for the race. Since the beginning of the 2016 season, the air conditioning system for both, the team members and the electronics on the Pit Wall, has been significantly improved. A simple fan with uncooled air previously did the job. "The switch to real air conditioning makes our working environment on the pit wall much more comfortable" explained Paddy Lowe, Executive Director (Technical) of the MERCEDES AMG PETRONAS Formula One™ Team. "Even during races in hot locations such as Asia, it's easier for us to stay cool. The electronics also have the optimal temperature now."

The Engineers can adjust the amount of cool air directed towards them via a total of 10 air outlets installed between the top of the table and the Pit Wall monitors. Two air conditioning units on the sides of the strategic command center generate the cool air before the high-performance centrifugal blowers with single inlets and forward-curved blades from ebm-papst guide it to the outlets and the electronics. It was easy for the team to choose their fan supplier for the system. "We have already successfully achieved a number of projects with our team partner ebm-papst, such as air conditioning within the Garage and on-car cooling" explains Lowe. "This is why ebm-papst was the logical choice."

For the Formula One™ Team it was a major advantage that team partner ebm-papst was able to quickly supply the ideal fans for the application thanks to its wide product range. This facilitated the project's rapid realization.

Katrin Lindner
Trade press coordinator
Phone: +49 7938 81-7006
Fax: +49 7938 81-97006
Katrin.Lindner@de.ebmpapst.com

28 September 2016 - Page 1 of 3

Press office contact
ebm-papst Group

Phone: +49-7938-81-7105
presse@de.ebmpapst.com
twitter.com/ebmpapst_NEWS
facebook.com/ebmpapstFANS
youtube.com/ebmpapstDE
www.ebmpapst.com
www.greentech.info/ec-technologie



Press Release

Support for MERCEDES AMG PETRONAS Formula One™ Team

ebm-papst Keeps Heads Cool on the Pit Wall

Katrin Lindner
Trade press coordinator
Phone: +49 7938 81-7006
Fax: +49 7938 81-97006
Katrin.Lindner@de.ebmpapst.com

28 September 2016 - Page 2 of 3

Press office contact
ebm-papst Group

Phone: +49-7938-81-7105
presse@de.ebmpapst.com
twitter.com/ebmpapst_NEWS
facebook.com/ebmpapstFANS
youtube.com/ebmpapstDE
www.ebmpapst.com
www.greentech.info/ec-technologie



Photo 1: The Team's Engineers sit on the Pit Wall and are required to make performance-critical decisions within seconds. Starting this season, they have a much easier job of it – thanks to the pleasant air conditioning with ebm-papst fans.



Photo 2: The personnel on the Pit Wall use air outlets to control how much cool air their work area receives.



Press Release

Support for MERCEDES AMG PETRONAS Formula One™ Team

ebm-papst Keeps Heads Cool on the Pit Wall

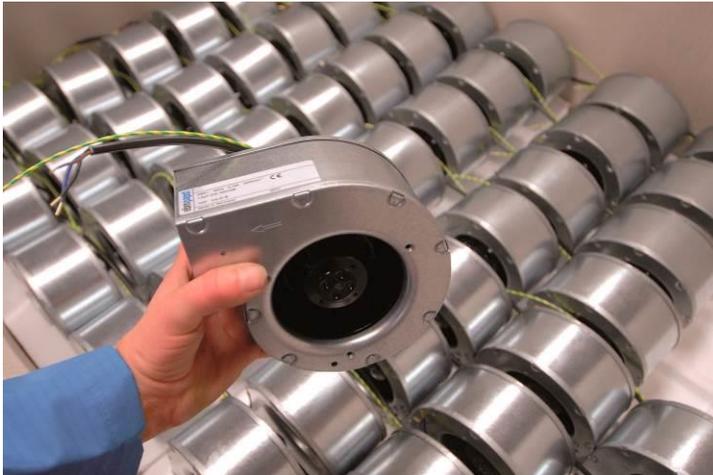


Photo 3: The centrifugal blower from ebm-papst provides the Pit Wall with cooled air.

Photo 1	Daimler AG
Photo 2	Mercedes-Benz Grand Prix Ltd.
Photo 3	ebm-papst
Characters	approx. 2,200, with headings and sub-headings
Keywords	centrifugal fan, air conditioning, Formula One
Tags	centrifugal fan, Formula One, MERCEDES AMG PETRONAS
Link	f1.ebmpapst.com

About ebm-papst

The ebm-papst Group is the world's leading manufacturer of fans and motors. Since it was founded, the technology company has continuously set global market standards. Developments have ranged from electronically controlled EC fans, through aerodynamic improvements of fan blades, and on to the resource-conserving selection of materials, with sustainable materials being just one option.

In fiscal year 2015/16, the company achieved sales of almost €1.7 billion. ebm-papst employs approximately 12,500 people at 18 production sites (in Germany, China, the United States and elsewhere) and in 57 sales offices worldwide. Fans and motors from the global market leader can be found in many industries, including ventilation, air conditioning and refrigeration, household appliances, heating, automobiles and drive engineering.

Katrin Lindner
Trade press coordinator
Phone: +49 7938 81-7006
Fax: +49 7938 81-97006
Katrin.Lindner@de.ebmpapst.com

28 September 2016 - Page 3 of 3

Press office contact
ebm-papst Group

Phone: +49-7938-81-7105
presse@de.ebmpapst.com
twitter.com/ebmpapst_NEWS
facebook.com/ebmpapstFANS
youtube.com/ebmpapstDE
www.ebmpapst.com
www.greentech.info/ec-technologie