

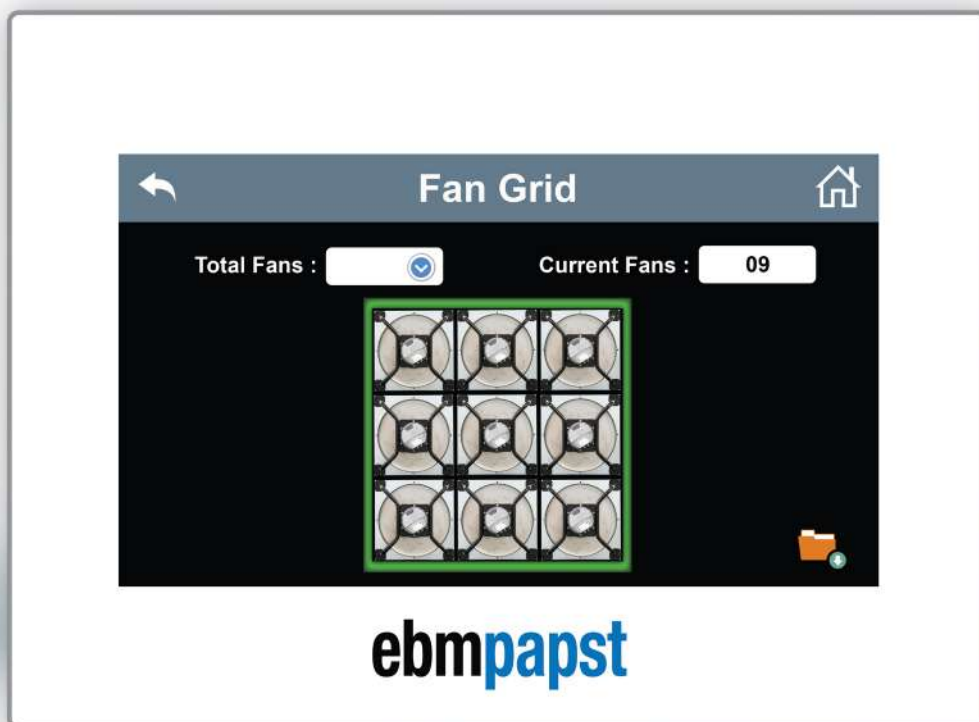
intelligate Touch

for *Intuitive EC Fan Control*

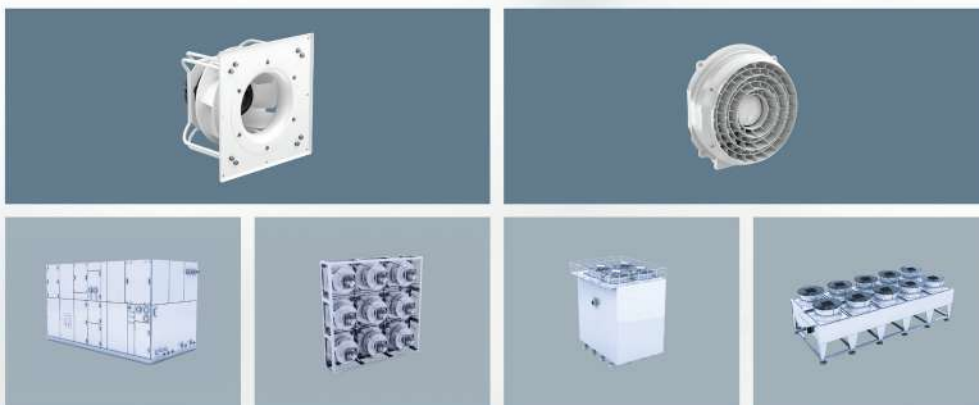
Monitor & control EC fans in various applications with convenience and ease

ebmpapst

engineering a better life



C O N T R O L & M O N I T O R



About ebm-papst.

As a technological leader for ventilation and drive engineering, ebm-papst is in demand as an engineering partner in many industries. With over 15,000 different products, we provide the right solution for just about any challenge. Our fans and drives are reliable, quiet and energy-efficient.

The logo for ebm-papst, featuring the company name in a bold, lowercase, sans-serif font. The 'e' and 'b' are dark blue, while 'm' and 'p' are a lighter blue, and 'a', 'p', 'a', 's', 't' are dark blue.

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Six reasons that make us the ideal partner:

Our systems expertise.

You want the best solution for every project. The entire ventilation system must thus be considered as a whole. And that's what we do – with **motor technology** that sets standards, includes sophisticated **electronics** and **aerodynamic** designs – all from a single source and perfectly matched.

Our spirit of invention.

We are also always able to develop customized solutions for you with our versatile team of over 600 engineers and technicians.

Our lead in technology.

We are pioneers and leaders in the development of high-efficiency EC technology. Already today almost all our products are also available with GreenTech EC technology. The list of benefits is long: higher efficiency, low maintenance, longer service life, sound reduction, intelligent control characteristics and unrivalled energy efficiency.

Closeness to our customers.

ebm-papst has 29 production locations worldwide (including facilities in Germany, China and the USA), together with 48 sales offices, each of which has a dense network of sales representatives. You will always have a local contact, someone who speaks your language and knows your market.

Our standard of quality.

Our quality management is uncompromising, at every STEP in every process. This is underscored by our certification according to international standards including DIN EN ISO 9001, TS declaration of conformity and DIN EN ISO 14001.

Our sustainable approach.

Assuming responsibility for the environment, for our employees and for society is an integral part of our corporate philosophy. We develop products with an eye to maximum environmental compatibility, in particular resource-preserving production methods. We promote environmental awareness among our young staff and are actively involved in sports, culture and education. That's what makes us a leading company – and an ideal partner for you.

The story of our success to market and technology pioneer.

1963	Establishment of Elektrobau Mulfingen GmbH & Co. KG by Gerhard Sturm and Heinz Ziehl.	
	Development of the first tubeaxial fan featuring EC/DC technology .	1965
	The new 68 motor gives momentum to the ebm-papst success story.	1966
	Production of the first electronically commutated DC external rotor motor.	1972
	Introduction of the first gas blower with EC technology.	1991
1992	Takeover of PAPST Motoren GmbH in St. Georgen.	
1997	The Alcatel SEL AG motor and fan plant in Landshut becomes part of the Group.	
	Development of the first fans with integrated electronics .	1998
2003	Re-naming of the three brands ebm, PAPST and mvl to become ebm-papst.	
	Development of business into system supplier for gas heating and condensing technology.	2008
	Introduction of GreenTech , the symbol of energy efficiency and resource preservation.	2010
	RadiCal defines a new standard for EC centrifugal fans.	2011
2013	50 years of ebm-papst . ebmpapst takes over the transmission specialists Zeitlauf .	
	Development of the S-Panther® with high air volume and low noise level.	2014
	RadiPac pushes the efficiency limits even higher.	2015
	AxiBlade sets new standards in ventilation, refrigeration and air conditioning technology.	2016
	Introduction of the RadiMix® with maximum air delivery and minimum space requirements.	2018
2018	A record turnover of more than 2.0 billion euros for the worldwide Group.	
	ECl-42 – a modular system for individual drive solutions.	2019

Features & Specifications

The intelligate Touch works seamlessly with our Electronically Commutated (EC) fans. It boasts a generous list of features, including a slim front panel that ensures an elegant finish when the device is mounted on a panel.



High resolution
7" touch display



USB, RS-485 &
TCP Connectivity



Modbus RTU,
TCP & BACnet
protocol



Built-in power
isolator



Low power
consumption



High Performance
CPU & dedicated
3D processor



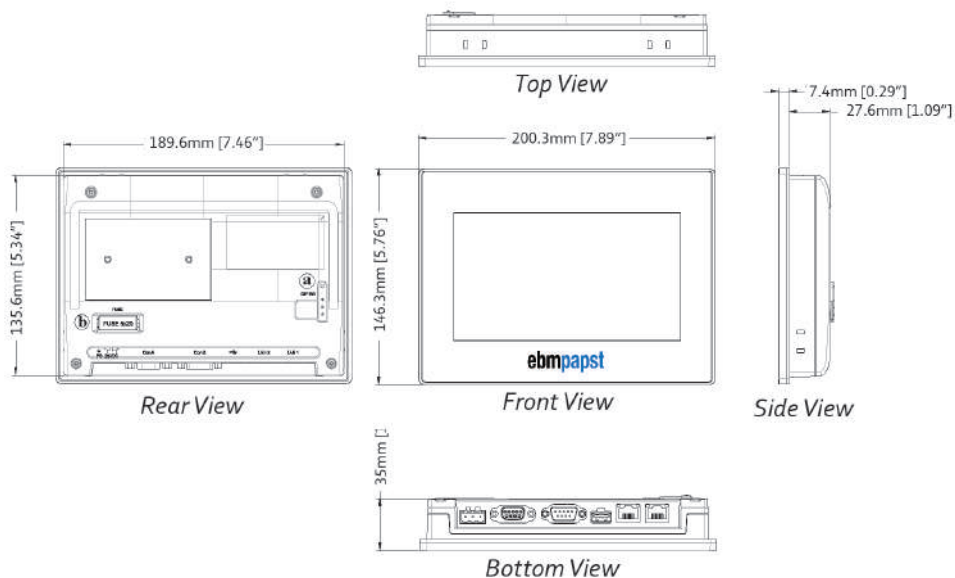
Real-time fan
speed control
& monitor



Works seamlessly
with EC fans



Silent cooling
system



Technical Specifications

Model	Part No.	Interface	Touch Display	Number of Fans Supported	Display Backlight Lifespan	Display Brightness	Power Supply	Operating Temperature	Ambient Relative Humidity
				Fans	Hours	cd/m ²	VDC	°C	%
intelligate Touch	230F00777	RS-485 Ethernet RJ45 USB	7" TFT LCD (800 x 480)	Up to 12	Approx >30,000	400	24V±20%	0 ~ 55	10 - 90, non- condensing

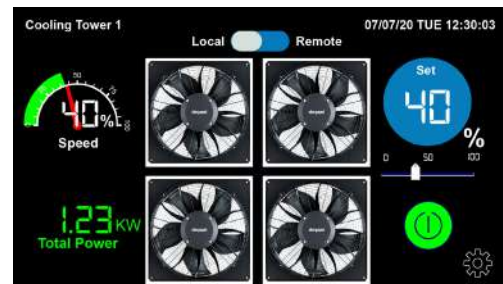
Dashboard Overview & Add-Ons

The dashboard of the intelligate Touch has an intuitive layout, which makes monitoring and controlling fans a breeze. Also, end-users can customise various aspects, such as the fan type or the unit of measurement that is shown.



- | | |
|---|---------------------|
| 1. Equipment name | 5. Control source |
| 2. Actual speed | 6. Date & timestamp |
| 3. Total power (in kW)
- or cooling capacity in kW/ton | 7. Set speed |
| 4. Touch for Individual fan status | 8. Start/Stop |
| | 9. Fan animation |

Select the fan type for your application



Optional: Add a video camera for fan overview



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