

TIME ec with new EC motor and new impeller

10% lower energy consumption



New EC motor and new impeller – 10% lower energy consumption

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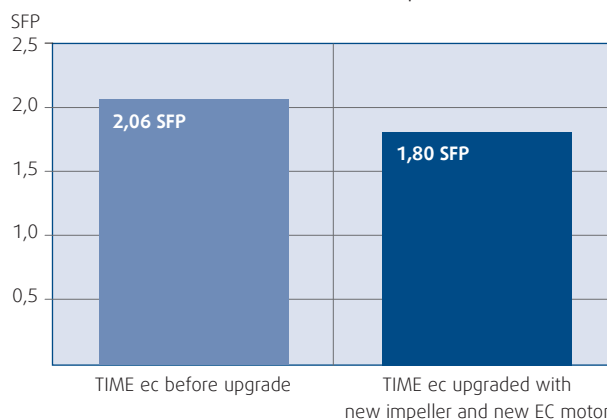
The TIME ec air handling unit has been optimized with a new EC motor and a high efficiency impeller made from composite. The motor range is also extended.

With a new EC motor and a high efficiency impeller made from composite, the TIME ec line is now stronger than ever with focus on energy efficiency. The advantages of the new EC motor and the new impeller are many. For one, the construction of a joined impeller, motor and speed control. Secondly, the expansion of the motor range means that the decreasing of the motor speed is minimized, and consequently the result is a higher efficiency. Thorough tests of previous and the new fan types clearly show a minimum 10% reduction of SFP values. Furthermore, for the small units (TIME ec 10, 15 og 20) the changes mean savings on the residual current device. They still need to be connected to 3 x 400 V, however, the new units are equipped with 1 x 230 V fans.

- 10% lower energy consumption
- Impeller moulded in composite; high efficiency and low noise
- New optimized motor with improved efficiency
- An extended motor range gives higher efficiency
- A joined construction of impeller, motor and speed control
- TIME ec 10, 15 and 20 with 3 x 400 V connection, with EC motors for 1 x 230 V. Savings on the residual current device.

Reduction of SFP (specific fan power)

TIME ec 20 measured at 4650 m³/h – 250 Pa.



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