

Technical parameters

Impeller

it is axial, pressed from sheet steel with an epoxy varnish surface treatment. It has eight performance-optimized blades made of aluminum.

Engine

The DC brushless motor is designed for continuous operation. The maximum ambient operating temperature is 40 °C. The motor has sealed ball bearings with grease for life. The motor has overload protection built into the winding. Insulation class I. Protection IPX0.

Staples

it is accessible after removing the cable cover, which slides along the suspension rod. The connection is a cable under the plaster or over the plaster. The terminal box contains a relief clip to prevent the cable from being pulled out.

Speed control

Six-level regulation using the regulator that is included in the delivery. The possibility of changing the direction of rotation using the remote control.

Mounting

is carried out by hanging on the ceiling or on another structure. The supporting device must be sufficiently dimensioned, both in terms of static and possible dynamic loads. The lower edge of the fan must be placed so high that there is no danger to persons near the rotating impeller. The minimum recommended distance from the floor is 3.5m. When installing several fans, the impeller blades of the individual fans must not be interchanged. Sheets are balanced for each device separately.

Accessories

- HTB KIT wireless controller with adjustable countdown 1/2/4/8 hours (included in delivery)
- HIG/HYG room hygrometers (K 8.2)
- RTR 6721 room thermostat (K 8.2)

Instructions

Due to their robust design, the fans are particularly suitable for ventilating larger spaces, such as industrial halls, inns, hotels, sports halls, offices, libraries, study rooms and departure halls. By permanently ventilating high spaces with a significant

temperature difference between the floor and the ceiling, it is possible to achieve spatial temperature equalization in the winter season, thereby significantly reducing energy consumption and heating costs. In these cases, it is advantageous to use differential thermostats with two sensors, which, when the temperature difference is set, turn on the fan, which mixes warm and cold air zones.

Notice

The anchoring of the fan must be checked regularly. The inspection period must be determined by the user's operating regulations.



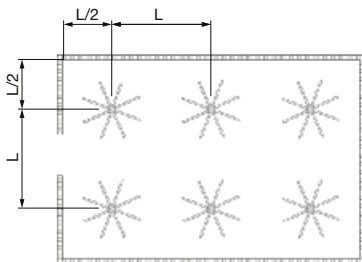
HTB KIT
wireless control
with adjustable by the end
of 1/2/4/8 hours
(included in delivery)

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Recommended distance L between fans [m]

ceiling height* [m]	4	6	8	>10
HTB-2500	7	9	11	12
HTB-3000	8	10	12	13

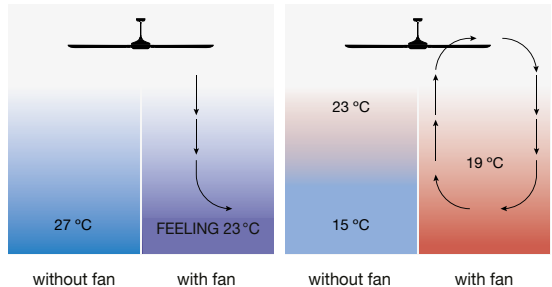
* minimum installation height 3.5 m



Flow image

SUMMER
downward flow direction
improves thermal comfort

WINTER
direction of flow upwards
minimizes the temperature
difference between ceiling and floor



Type	max. revolutions [min ⁻¹]	flow* [m ³ /h]	max. performance* [W]	voltage [V]	max. current [A]	temperature [°C]	acoustic pressure [dB(A)]	weight [kg]	regulator
HTB-2500	80	58610	120/0.5**	230	0.83	40	57	17	included in delivery
HTB-3000	77	71834	120/0.5**	230	0.85	40	59	19	included in delivery

* downward flow direction, including induced ambient air; ** in standby mode