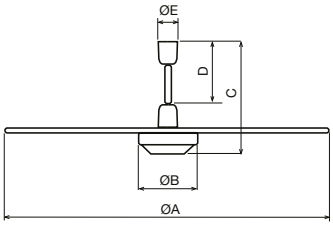
HTB RC



Type	Ø A	Ø B	C	D	Ø E
HTB-75 RC	800	175	360	210	100
HTB-90 RC	960	175	360	210	100
HTB-140 RC	1350	175	360	210	100
HTB-150 RC	1370	190	380	210	100

Technical parameters

Impeller
is axial, moulded from sheet steel, with three power-optimised blades. Surface treatment with grey epoxy paint RAL9002.

Engine
is asynchronous with a short anchor, with a large number of poles to achieve the required speed. It is designed for continuous operation. The maximum ambient operating temperature is 40 °C. The motor has sealed ball bearings with grease packing for life. The motor has overload protection built into the winding. Insulation class B. IPX0 protection.

Staples
is accessible by removing the cable cover, which slides down the hanging rod. Connection is via a cable under the plaster or through the plaster. The terminal block includes a relief clip to prevent the cable from being pulled out.

Speed control
Three-stage control by means of the controller included in the delivery. Possibility to change direction of rotation via a switch on the motor fan. A wireless control is also available as an option.

Mounting
is done by hanging from the ceiling or other structure. The suspended device must be sufficiently dimensioned, both from the point of view of static and possible dynamic load. The lower edge of the fan must be placed high enough to prevent danger to persons in the vicinity of the rotating impeller. The minimum recommended distance from the floor is 2.5 m. When installing several fans, the impeller blades of the individual fans must not be interchanged. Sheets are balanced for each device separately.

Accessories
- speed controller in the van
- **HTB RC KIT** wireless controller with adjustable 1/3/6 hour countdown
- **HIG/HYG** room hygrostats (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, spatial temperature equalization can be achieved 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 the 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.

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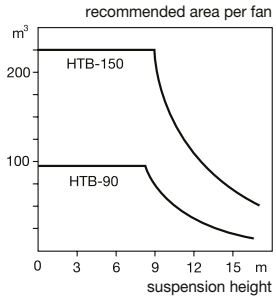
speed controller
80x80x70 mm

HTB RC KIT
wireless control
with adjustable
by the end of 1/3/6 hours

switch to change
the direction of
rotation



Acoustic power in octave bands in [dB(A)]										
Hz	63	125	250	500	1000	2000	4000	8000	L_{WA}	L_{pA}*
HTB-75 RC	27	33	37	39	41	39	30	24	46	28
HTB-90 RC	30	40	40	43	45	43	36	34	50	32
HTB-150 RC	28	34	41	43	47	49	40	27	52	35

* The acoustic pressure emitted by the fan is measured at a distance of 3 m from the fan installed on the ceiling

Type	revolutions [min⁻¹]	flow [m³/h]	performance [W]	voltage [V]	current [A]	temperature [°C]	acoustic pressure [dB(A)]	weight [kg]	regulator
HTB-75 RC	257/208/145	4500/3640/2540	45	230	0.20	40	46	4.8	is included in the delivery
HTB-90 RC	230/190/128	6000/4950/3340	55	230	0.25	40	50	5.2	is included in the delivery
HTB-140 RC	224/168/126	7920/5925/4440	50	230	0.25	40	52	5.2	is included in the delivery
HTB-150 RC	240/190/130	10000/7900/5420	65	230	0.30	40	53	8.2	is included in the delivery