DVW 90



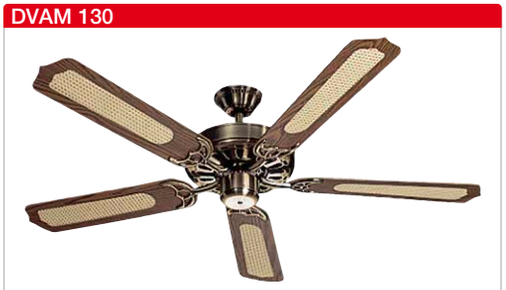
DVAW 130



DVW 140



DVAM 130



For supporting cooling in summer and making better use of available heat in winter.
For a wide range of applications, e.g. air circulation, cooling and energy conservation in medium and large rooms such as foyers and waiting halls, restaurants, clubs, boutiques and sales-rooms, production halls, warehouses, tennis halls and sports halls as well as the acceleration of drying processes in industrial buildings.

Ceiling fans are traditionally used for cooling air in the summer. They also solve acute room air problems in sales rooms, restaurants and many other communal areas with conditions such as windowless room areas or high heat from lighting.
Decorative reproductions in the "Casablanca" design also make Helios ceiling fans an attractive design element for many rooms.

During the heating period, ceiling fans can support heat distribution in high-ceilinged spaces. In sports halls, tennis halls, industrial buildings and warehouses, slow-running ceiling fans help direct warm air from the ceiling area towards the floor and balance the temperature distribution throughout the room. This allows the available heat to be used more effectively. Pilot installations showed an average temperature increase of 4 K in the floor area. Operating temperature range from -10 to +40 °C.

Ceiling fans series DVW

Robust metal version in classic design.
- ☐ Enclosed motor, maintenance-free and radio interference-free.
- ☐ Vibration-damping suspension for low-vibration running.
- ☐ Fall protection with arrester cable according to DIN EN 60335-2-80.
- ☐ Simple installation with pre-assembled delivery. Only the impeller blades need to be screwed on.
- ☐ Variable suspension height through delivery of a short and a long pendent tube.
- ☐ Speed-controllable with 5-step speed controller TSW 0.3 (accessories).
- ☐ Reversible air flow direction. The flow direction can be set to the floor or to the ceiling by fixed connection or using a reversing switch (accessories DSEL 2). Minimum starting voltage of 100 V required for reverse operation (upward air flow direction).

Ceiling fan series DVA

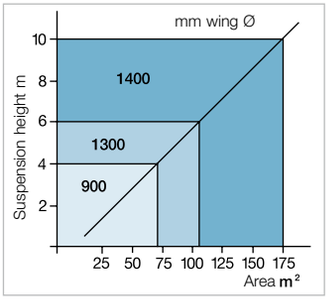
Fan comes in typical "Casablanca" design for use for decorative purposes.
- ☐ Casing in antique brass or antique white finish. Five wooden blades with stained walnut or antique white cane work. Maintenance-free motor with covered cooling slots, ball bearing mounted, for continuous operation.
- ☐ Fall protection with arrester cable according to DIN EN 60335-2-80.
- ☐ Vibration-damping suspension for low-vibration running.
- ☐ Simple installation directly to the ceiling or short pendent tube (included in delivery).
- ☐ Pull switch for three performance levels and On/Off below the motor. A remote speed controller (accessories) can be connected.

Fan selection

The impeller diameter, positioning and suspension height of the ceiling fans are the parameters for even and extensive air flow in the room.
The room height minus the pendent length provides the suspension height. Based on this height and the impeller Ø, the adjacent diagram shows the area affected by the air flow in m².
The distance from the centre of the fan to the walls should be approx. 3 times the impeller Ø. The distance from the centre of a fan to the centre of another fan (when using multiple ceiling fans) should be approx. 6 times the impeller Ø. Operation at high speed is recommended in summer for cooling and operation at low speed is recommended in winter.

Important installation information

Accident prevention regulations (UVV) stipulate a minimum distance of 2.3 m from the floor to the lower wing edge.



Accessories for DVW and DVA

Speed controller
TSW 0.3 Ref. no. 03608
Five-step speed controller with On/Off switch for surface installation.

Technical data – Order data

Type	DVW 90	DVW 140	DVAW 130	DVAM 130
Ref. no.	08648	08649	08650	08651
Wing Ø mm	900	1400	1300	1300
Number of blades	3	3	5	5
Voltage / Frequency	1~, 230 V / 50 Hz	1~, 230 V / 50 Hz	1~, 230 V / 50 Hz	1~, 230 V / 50 Hz
Current consumption A	0.26	0.30	0.29	0.29
Power consumption W	50	75	66	66
Maximum speed min^{-1}	340	270	220	220
Suspension height min./max. mm	440/565	460/585	220/360/510	220/360/510
Sound pressure dB(A) at 4 m	35	44	29	29
Protection category	IP20	IP20	IP20	IP20
Max. air flow temperature	40 °C	40 °C	40 °C	40 °C
Weight approx. kg	4.8	6.8	6.7	6.7