

The versatility of these fans means that they can help to keep people cool in the Summer months by creating air movement and more importantly save energy at other times. This is done by bringing down the hot air which gets trapped overhead in places with high ceilings.

This results in a mixing of the different levels of air ensuring an even room temperature which can save up to 30% of your heating bill. These potential savings make the Itho ceiling fans extremely suitable for use in homes, offices, shops, industrial premises, production areas and in all

sectors of the catering industry. The 120cm model is available in white, black and chrome-coloured finishes ideal for environments where it is necessary to blend in with the décor. The 140cm model is in white and more suited for use in industrial premises, warehouses and production areas.

	793-0110, 793-0120, 793-0130	592-0110
Diameter fan (mm)	1200	1400
Air-flow (m ³ /h)	14000	15500
Max. Speed (RPM)	290	220
(Mains) Connecting voltage (V)	230	230
Power Consumption (W)	60	80
Colour	White/Black/Chrome	White
Weight (kg)	8	8
Material	Metal	Metal

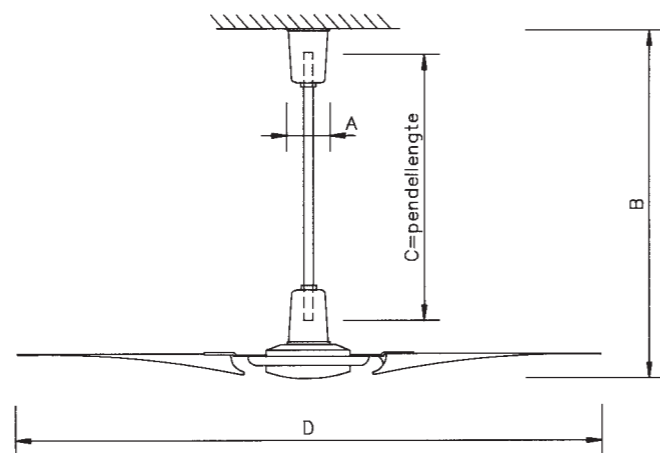
Important characteristics of the Itho ceiling-fans are:

- Stylish modern finish
- Choice of colours
- Up to 30% savings on heating bills
- Adjustable to 5 different speeds. (with optional transformer)

Mounting (White/Black/Chrome)(Metal)

The ceiling fans are delivered in a number of loose parts (pendulum-motor fan-blades). With the aid of additionally delivered mounting materials, the blades can be mounted to the motor-house. The 120cm models are provided with a ceiling mounting kit to enable a good fix on horizontal ceilings. The 140cm model is provided with a special ceiling hook arrangement. This method

of fitting allows the 140 cm model to be installed on horizontal or sloping ceilings (maximum slope 25 degrees). It is also possible to shorten the drop rod to a minimum of 30cm simply by sawing it to the correct length from the top and to creating a new mounting-hole.



	793-0110, 793-0120, 793-0130	592-0110
A	90	130
B	600	850
C	450	700
D	1200	1400

Selection Number of Fans

In order to achieve an even mix of heat in larger spaces (warehouses, production areas etc.), several 140 cm ceiling fans will be necessary. The number required is related to the height and surface area of the internal space and these can be calculated by using the graph below. If the 120cm models are to be used the calculated number needs to be increased by a factor of 1.25.

Control

Hand-held control
The speed of the ceiling fan can be controlled by using the hand held Itho controllers which offer the opportunity to operate several ceiling fans from one control. The PVD-1S works on the principle of voltage distribution.

RF-Control (wireless 3-position switch)

The 120cm Ceiling Fans can also be fitted with a wireless (radio frequency) remote control. The RF set, which needs to be purchased separately, consists of a

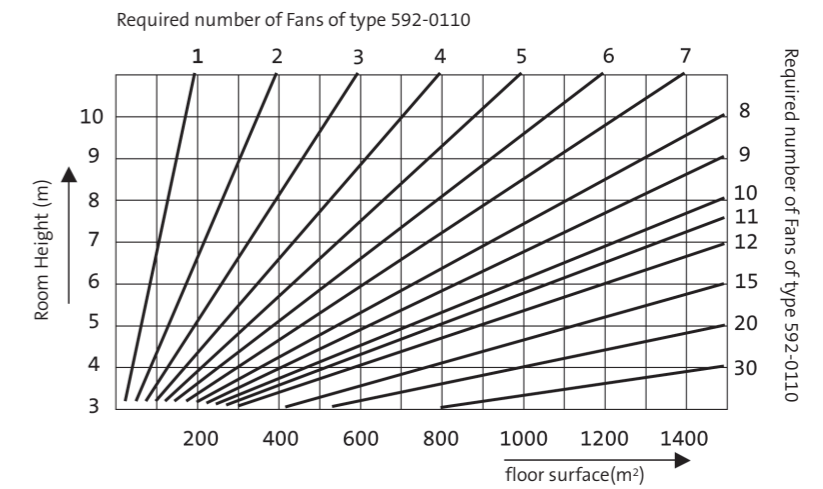


receiver and a remote control (sender) together with a mounting-brace and a guard in the same colour as the fan. On installation the receiver has to be placed in the mounting-brace and connected to the electricity supply.

Advantages of the wireless (RF) remote control

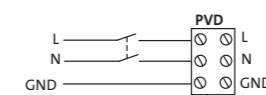
- It is not necessary to point the sender at the fan.
- No wires required from the ceiling fan to the switch

- Possibility to control several ceiling fans with one remote control
- Possibility to control one ceiling fan via additional remote controls
- Signal distance is approx. 15 metres in open air
- No need for an external antennae
- Sending frequency 433 MHz. No transmission permit necessary

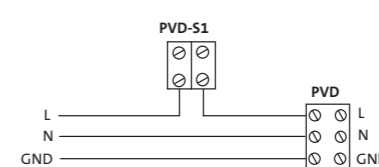


Electrical connections

PVD with bi-polar switch



PVD with control PVD-S1



PVD with control TRB

