



Powered Blinds

Overview

Many blinds from the Oceanair product range can be supplied in a powered version.

Powered blinds can be operated by a simple switch or by wireless remote control. They may be operated singly, in groups, or in combinations of the two. It is possible to have individual controls for each blind, plus a master control which operates all the blinds in a room. One remote control can be programmed to operate multiple blinds or blind groups at once or separately.

Power Supply Options

Oceanair blinds operate directly from a 24 Volt DC power supply. If they are required to operate on mains (230 Volts AC), then there are a range of power supplies available. The power supply units have screw terminals which can be easily wired to a suitable spur, or be fitted with a mains lead and plug.

Note: Depending on local national laws, a certified electrician may be needed to do the wiring and this must be checked before starting an installation.

Control Options

The simplest control for a powered blind is a hard-wired rocker switch which can be mounted in its mounting box (supplied) or flush mounted into a panel.

The switch allows you to lift or lower the blinds and in the case of Venetian blinds lift / tilt, drop / tilt or tilt only. Note that the operator can latch the switch in either direction. Once the blind reaches the end of its travel, power to the motor is automatically cut irrespective of the position of the switch.

Alternatively, a choice of wireless remote controls is available.

Infra-Red, (IR) or Radio Frequency (RF)

While the initial impression may be that there is little to choose between these two systems there are some important differences which should be understood.

In IR controls the carrier beam is infra-red light - very similar to remote controls for televisions and video recorders.

For RF systems the signals are carried on radio waves. A rolling code is used to make it secure – just like the remote locking system on most modern cars.

There are pros and cons to each system.

Infra-Red. Ultra safe and capable of operating up to eight separate groups of blinds from a single remote control. Familiar tried and tested technology. Easy to mix with hard-wired switches. Limited range which can be worsened by harsh artificial, or bright natural light. Sensor must be visible.

Radio Frequency. Latest state-of-the-art technology with much greater range. Versatile features include four channels per remote control*, variable speed tilting and intermediate stops. Sympathetic and co-ordinated styling.

* Having more than one "Channel" on a remote control means that you can separately operate different blinds from the one control.