



Roof Units Skypod

Quality Standards

VES are members of the British Standards Institution, operating a quality management system in accordance with BS EN ISO 9001, certificate no. Q5375. All units tested to BS 848 Part 1.

Fans and Motors

The impellor blades are aluminium alloy. The fans are statically and dynamically balanced in accordance with UNI ISO 1940. All motors have a die-cast enclosure in aluminium alloy, and all fans have external rotor motors. All motors are insulated to class F with IP 54 protection, and have thermal overload protection. Fan performance is certified in accordance with BS 848 Part 1 or AMCA 210 standard. Up to size 630mm the fans have an aerodynamic steel fan plate, and the impellor, motor and guard are painted black to RAL 9005, while the size 800 fans are painted cream to RAL 7032. The electrical supply is to be 230 volt 50Hz 1 phase or 400 volt 50Hz 3 phase.

Skypod Housings

The Skypod roof unit is supplied with two grp mouldings, cowl and base. The base is designed for mounting on a curb upstand, or on a purlin box when supplied with a profiled soaker sheet base. The grp construction conforms to BS 3532 (type C), but if specified may be supplied to BS 3532 (type E) having Class II fire retardant characteristics in accordance with BS476 Part 7, 1971. Standard colour Signal Grey to RAL7004, most other colours can be supplied to specified colour.

Soaker Sheet Bases

Soaker sheet base length 1800mm, width provides for rain water drainage and a full overlapping corrugation to each side of upstand. Maximum angle for roof installation 30°. The soaker sheet base does not support the Skypod roof unit, this is done by the purlin box. It is possible that the roof profile cannot be identified. VES are able to assist with this to ensure correct selection. Ask Sales Department for Roof Soaker Profile Identification Form. Do not use soaker sheet base units larger than size 630 on asbestos roofs.

Backdraught Shutters

The optional backdraught shutters are vacuum formed high impact polystyrene, which is light yet strong for minimal resistant to airflow. On a pitched roof installation, the shutter hinge should point up the roof incline.

Birdguard

The birdguard is manufactured from steel and is recommended for all low silhouette cowl units.

Download specification from www.ves.co.uk/information-centre