

Control Options

TMO -DI digital remote control complete with:

- ON/OFF switch.
- Automatic 3 speed controller.
- Wall mounted thermostat.
- Summer/winter switch.

Other control options available, please contact technical sales



Unit Options

- Fresh/Air inlet (up to 20%)
- Low temperature cut off
- Remote electrical board
- 3 Way Valve assemblies
- Electrical heating element
- 1.5kW-2.5kW (single phase supply)

Other Sabiana Products suitable for similar applications



Pulsar Radiant panels. - Suitable for use within suspended ceilings. Provide safe, silent and low maintenance option for heating classrooms, corridors, offices etc.



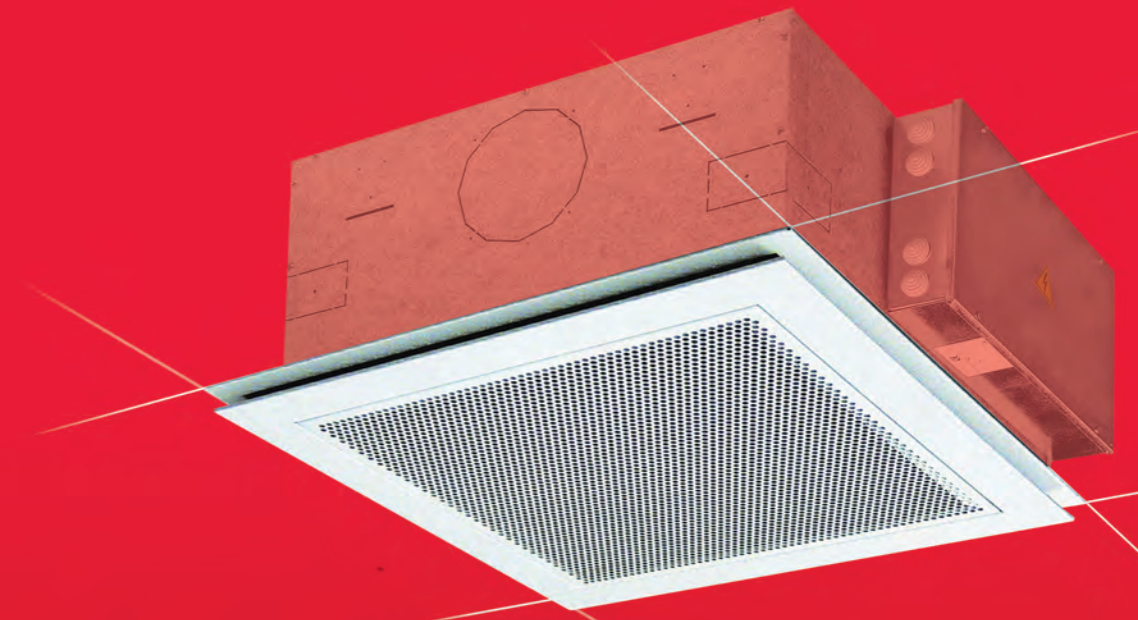
DS Radiant Panels. - Robust product suitable for sports halls and gymnasias.



Energy Units. - Ventilation/heat recovery units for installation in ceiling void.



The Barn, Lullington, Derbyshire, DE12 8ED
Tel: 01283 711 878 Fax: 01283 712 810
www.sabiana.co.uk info@sabiana.co.uk
SAB/CT/0509/SV



SkyVector

Heating

Sky Vector Cassette Fan Coil Units
Commercial & Educational Buildings



Supplied Through  PIPE
CENTER



A Fresh Approach to Heating Educational & Commercial Buildings

Sabiana Sky Vectors are designed to integrate within modern building design combining both heating and ventilation.

Up to 20% of the airflow of a Sky Vector can be made up of fresh air, with the additional air being drawn directly from the area to be heated.

Sky Vectors have been designed to be integrated within a standard 600 x 600mm ceiling grid. Mounted at high level, the units provide a safe, tamperproof alternative to traditional, wall mounted convectors.

Key Features

- **Speed.** The Sky Vector has been designed to deliver heat quickly and effectively with the use of the high air volume fan assembly.
- **Versatile.** Sky Vectors are integrated within a standard 600 x 600mm suspended ceiling grid in order to free up valuable wall space.
- **Quiet.** Sky Vectors utilise the latest technology in fan manufacture. The fan generates very little noise compared with standard centrifugal type blowers. This is in line with BB93: Noise regulations.
- **Safe.** Installed at a high level, Sky Vectors pose no threat to occupants and provide tamperproof heating as standard.

Working Conditions

Water Pressure	Max Working Pressure 8 Bars
Max Water Entering Temperture	85°C
Electrical Supply	230V 50HZ
Installation Height	3.5m Max

Technical Data

Model Size	SV0			SV1			SV2			SV3		
Speed	Low	Med	High	Low	Med	High	Low	Med	High	Low	Med	High
Heat Output kW	3.2	4.4	5.7	4.5	5.9	6.9	5.2	8.1	10.7	6.9	9.5	12.8
Airflow M ³ /h	300	400	500	310	420	520	320	500	710	430	610	880
Sound Pressure* dB(A)	24	31	40	24	31	36	24	36	44	32	40	50
Electrical Consumption Watts	25	32	44	25	32	44	24	44	68	32	57	90
Amps	0.11	0.15	0.22	0.11	0.15	0.22	0.11	0.2	0.32	0.15	0.27	0.45
Water Content L	1.4			1.5			2.1			2.1		
Weight kg	33			35			35			35		
Connections	1/2" Female Socket			1/2" Female Socket			1/2" Female Socket			1/2" FemaleSocket		

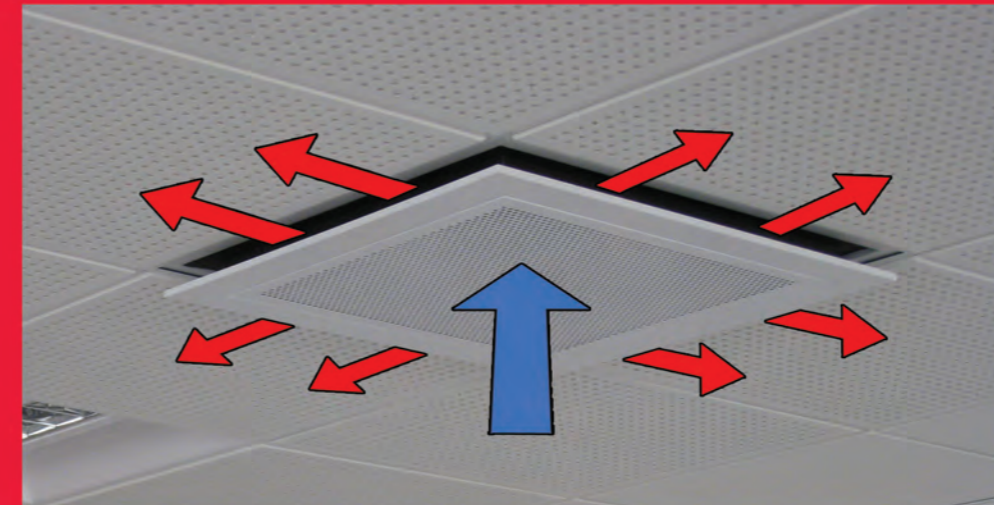
*The Sound pressure levels apply to the reverberant field of a 100m³ room and a reverberation time of 0.5 sec.

www.sabiana.co.uk

Component Specification

Intake grill and distribution of the air. Intake grills, frame and air distribution louvres on each side, are made from powder coated steel.

Casing. Made of galvanised steel with inner thermal insulation (closed cell polythene 10mm thick) and anti-condensate lining.



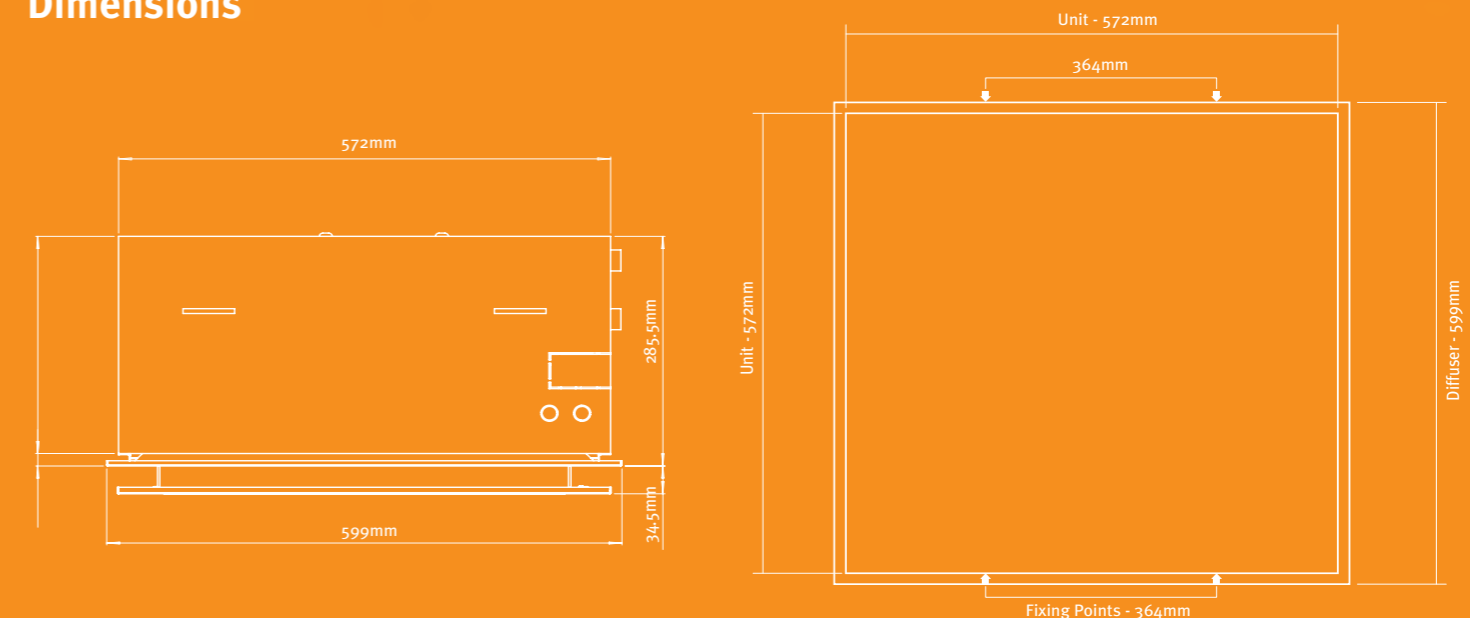
Control panel. Comprising of an external box, housing the electronic control board, allowing for easy wiring to external controllers and power supply.

Air filter. Synthetic washable filter, easily removable.

Fan assembly. The fan assembly, mounted on anti-vibrating supports, is extremely quiet. The single air inlet radial fan is connected to a 6 speed electric motor with single phase 230V/50Hz supply, class B insulation and integrated Klixon thermal contact for motor protection. The units are supplied with 3 standard speeds and it is possible to change them on site if necessary.

Heat exchanger. Made using copper tubes and aluminium fins bonded onto tubes for maximum transfer contact.

Dimensions



Tel: 01283 711878

Email: info@sabiana.co.uk