

SPEED CONTROLLERS SINGLE-PHASE MOTORS

TYPE - SSC



SSC Silent Speed Controllers have been specifically developed to overcome the problem of electronic hum which can be generated when using electronic controllers to control the speed of single-phase motors.

They provide two speeds, full and between approximately 50-70% of full speed, through capacitor switching which is a noiseless form of speed control.

These controllers have been designed for use with single-phase Minitube, Minivent, Ringplate and Vogue Series axial fans and Gamma Series roof units.

The controller is dedicated to the fan selected and cannot be changed with another. They are only suitable for controlling one fan at a time.

TECHNICAL DATA

All units are recess mounted, have an enclosure rating of IP20 and come complete with a 70W × 114H switch plate, plaster board clip & capacitor.

A recess depth of 55mm is required for mounting.

SELECTION TABLE

Minitube, Minivent, Ringplate & Vogue Series



| Model MT, MV, RP&VRP | Approx. high/low speed, r/s | Low Speed dB(A) correction | Switch Model Number |
|----------------------------|-----------------------------------|----------------------------------|---------------------------|
| 132 | 47 / 16 | -21 | SSC015 |
| 202 | 44 / 22 | -14 | SSC030 |
| 204 | n/a | n/a | n/a |
| 252 | 41 / 28 | -7 | SSC080 |
| 254 | 22 / 16 | -6 | SSC025 |
| 302 | 34 / 23 | -8 | SSC140 |
| 304 | 21 / 16 | -5 | SSC050 |
| 306 | 16 / 9 | -11 | SSC025 |
| 354 | 20 / 15 | -6 | SSC080 |
| 356 | 18 / 11 | -10 | SSC050 |

Gamma Roof Units



| Model CE..D, V or S | Approx. high/low speed, r/s | Low Speed dB(A) correction | Switch Model Number |
|---------------------------|-----------------------------------|----------------------------------|---------------------------|
| 192 | 41 / 23 | -11 | SSC030 |
| 224 | 23 / 15 | -8 | SSC020 |
| 252 | 42 / 25 | -10 | SSC100 |
| 254 | 23 / 15 | -8 | SSC030 |

VentMajor Series



| Model VM.. | Approx. high/low speed, r/s | Low Speed dB(A) correction | Switch Model Number |
|---------------|-----------------------------------|----------------------------------|---------------------------|
| 100L | 42 / 27 | -9 | SSC040 |
| 125L | 41 / 17 | -17 | SSC060 |
| 150L | 44 / 24 | -12 | SSC070 |
| 200L | 41 / 21 | -13 | SSC080 |
| 250L | 45 / 24 | -12 | SSC060 |
| 315L | 45 / 25 | -11 | SSC080 |

WIRING DIAGRAM

