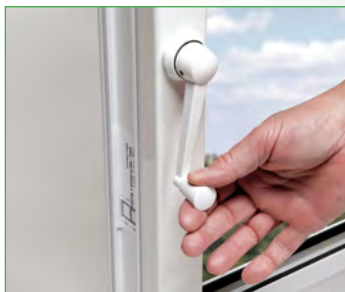


T250 Manual Midi Operator with Handle

Manual Window Controls

PRODUCT INFORMATION



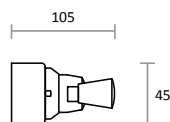
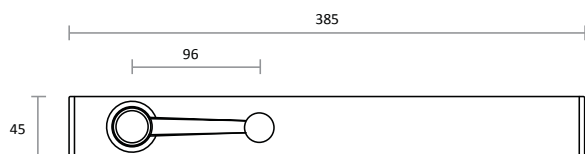
This midi window winder is a popular choice to operate manual window opening systems. Any spent travel (see page 4) is neatly and safely enclosed inside the casing, well away from prying fingers, making it ideal for use in schools and hospitals.

- Can only be used with the T100 and T175 manual openers due to restrictions on the amount of spent travel the casing can accommodate. This allows for a maximum opening of 250mm
- Includes T275 handle, T410 spent travel tube and T720 brass stop
- Remember to allow room for the handle to rotate through 360° (diameter of at least 220mm)
- Use the brass stop included to set the opening size anywhere from 0-250mm
- Available in white, grey and black

Want a window opening wider than 250mm?

See either the Maxi on page 10 or the Mini on page 11.

TECHNICAL DRAWINGS



WINDOW TYPE



COMPATIBLE WITH



Chain Opener
See Page 6



Locking Manual Opener
See Page 7

PART NUMBERS

Colour	Size	MIDI	Box Qty
White RAL9010	45 x 385mm	THL20000	20
Grey RAL9006	45 x 385mm	THL20001	20
Black RAL9005	45 x 385mm	THL20005	20

Installation Guidance

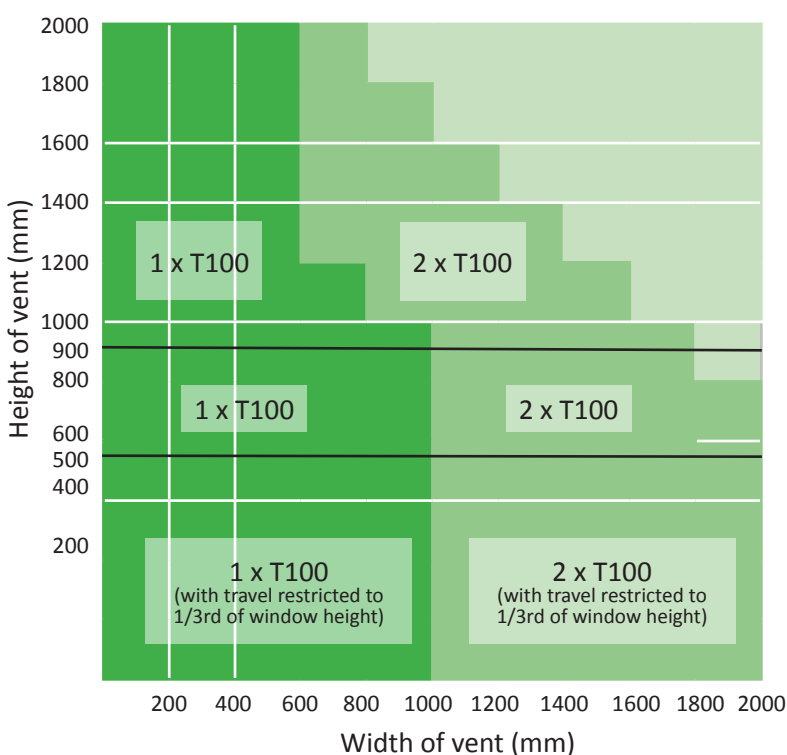
Manual Window Controls

Minimum window height for full 250mm travel of T100 - 500mm

Chain openers fitted on windows less than recommended height must have opening restricted to 30% of the vent height using the T700 spring stop or T720 brass stop to shorten the cable run.

For safety reasons we recommend fitting side support stays to all bottom-hung, open-in windows. For bottom-hung applications you must fit the THL8200/0/1/5 fixing kit (see page 6) (sold separately).

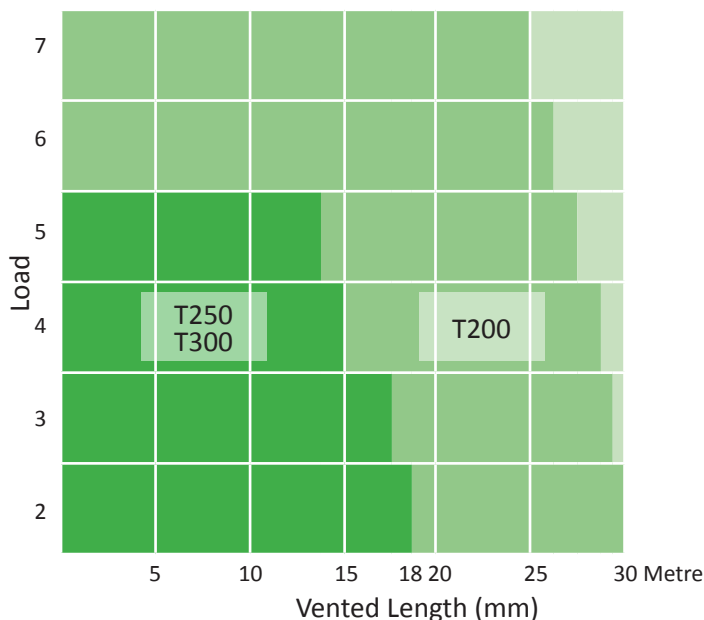
NUMBER OF OPENERS PER VENT



MAXIMUM CONTROL RUN

OPERATOR	MAXIMUM CONTROL RUN
T200	30 metres
T250	18 metres
T300	18 metres

TYPE OF OPERATOR



SPENT TRAVEL CONDUIT

To allow for the forward/backward movement of the inner cable, a length of "spent travel" conduit must be fitted at either end of the control path i.e. past the last chain/screw jack and below the operator (except the T250 midi operator (see page 9) which has an integral "spent travel" tube).

TYPE OF OPERATOR	SPENT TRAVEL CONDUIT
SJ138600 Screw Jack	2.5m (for full 380mm travel)
T100 Chain Opener	0.3m

LOAD = No. of chain openers + No. of bends in conduit

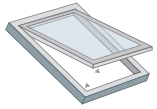
The above figures are based on a single bend in the conduit path. For each additional bend deduct 1 metre from the Vented Length total.

The figures used in these charts are based on windows with 4mm double glazed units fitted to butt hinges or free pivots, not friction stays. Please refer to our sales or technical department for advice if friction stays are fitted.

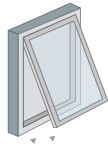
Window Types & Installation Examples

Manual Window Controls

WINDOW TYPES



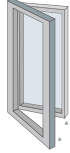
Roof Vent
or Roof Light



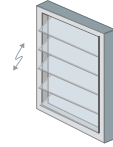
Top-hung
Awning



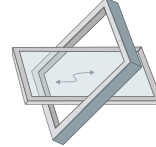
Bottom-hung
Hopper



Side-hung
Casement



Louvre
Jalousie Window



Horizontal
Pivot



Dome

INSTALLATION EXAMPLES

