T175 Locking Manual Openers

Bottom-hung Open In Manual Window Controls

HIGHLINE WINDOW CONTROLS

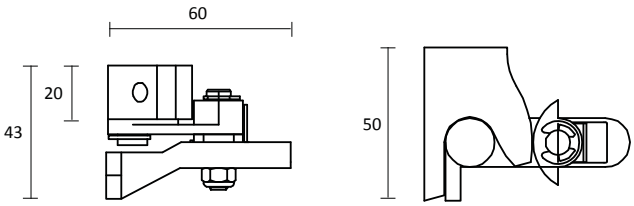
PRODUCT INFORMATION

This opener is ideally suited to bottom-hung windows fitted with butt hinges or 'Hopper- style casements that open inwards. It's small enough to fit snugly where space is limited between the reveal and moving frame. Because the moving sash is opened by the strength of the cable alone without the support of any conduit, this opener is better suited to small vents only.

- Works with the helical steel cable (THL41000)
- Used with the T250 or T300 operator on bottom-hung windows
- Maximum opening stroke 250mm
- Supplied with mounting brackets
- Available in white, grey and black

TIP: Operate multiple vents by linking locking openers using a rotary junction box.

TECHNICAL DRAWINGS



WINDOW TYPE

Bottom-hung

COMPATIBLE WITH

Midi Handle Operator
See Page 9

Maxi Handle Operator
See Page 10

PART NUMBERS

Colour	Stroke	Part Code	Box Qty
White	250mm	THL17500	10
Grey	250mm	THL17501	10
Black	250mm	THL17505	10

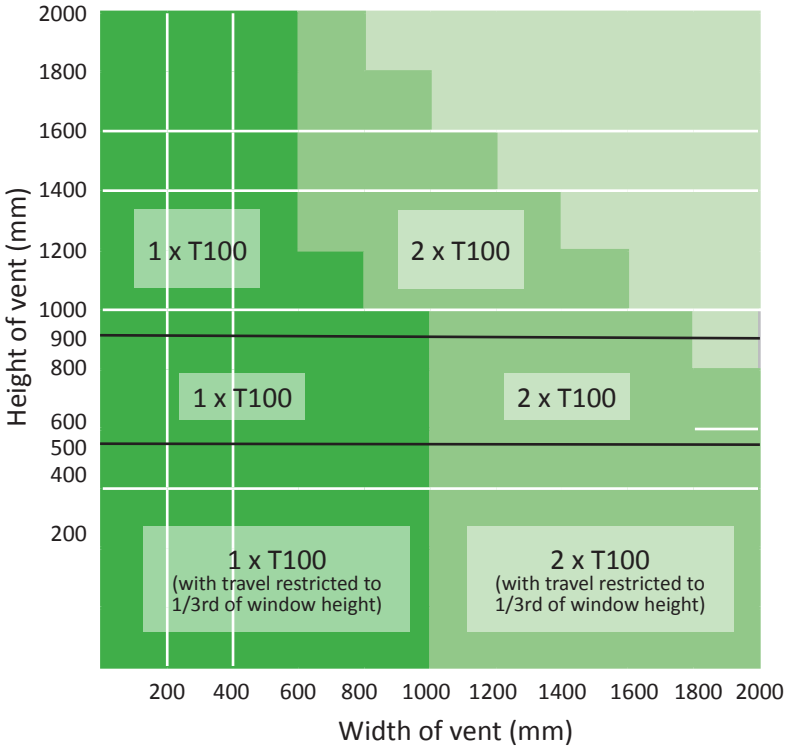
Installation Guidance
Manual Window Controls

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).

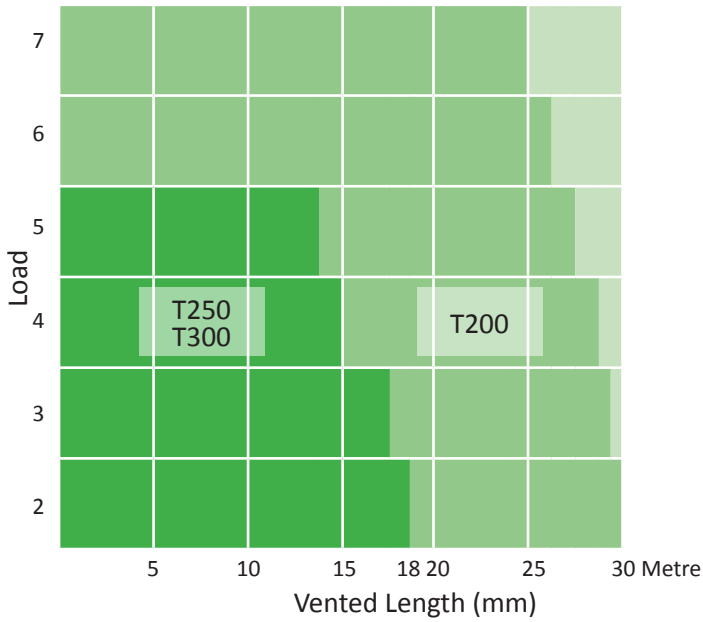
NUMBER OF OPENERS PER VENT



MAXIMUM CONTROL RUN

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

TYPE OF OPERATOR



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.

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).

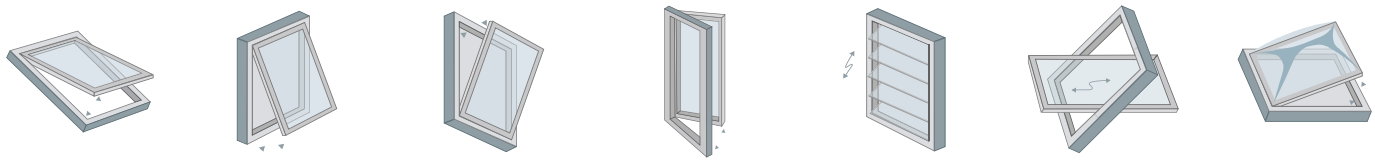
TYPE OF OPERATOR	SPENT TRAVEL CONDUIT
SJ138600 Screw Jack	2.5m (for full 380mm travel)
T100 Chain Opener	0.3m

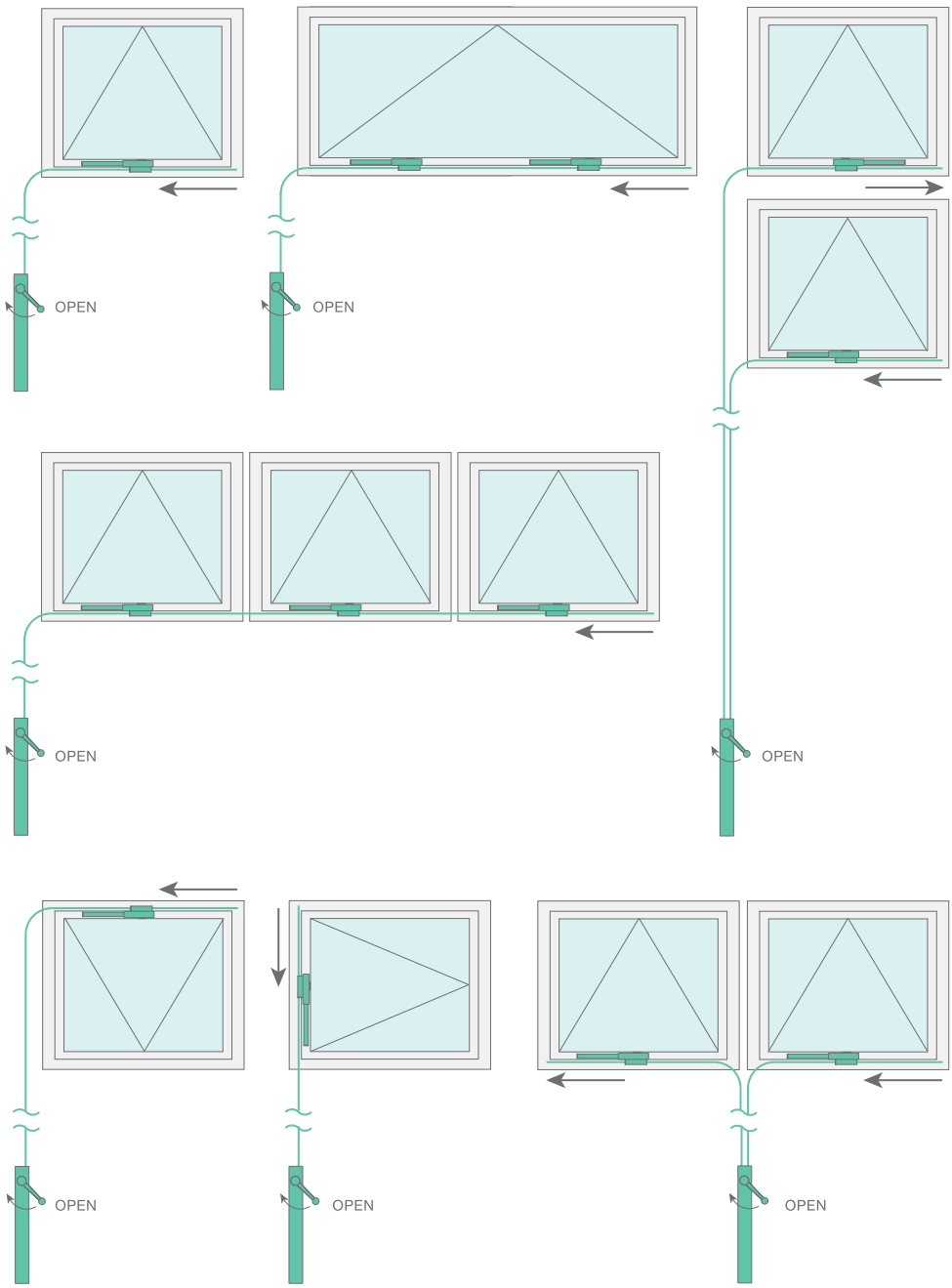
Window Types & Installation Examples

Manual Window Controls

HIGHLINE® 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