

T100 Chain Openers Manual Window Controls

PRODUCT INFORMATION

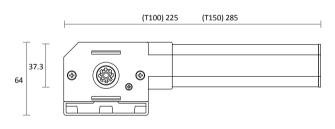


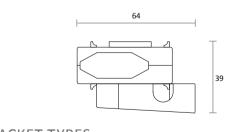
This compact window opener is one of the most popular choices in the range. It's neat, discreet and can be fitted to most top-, bottom-, and side-hung windows to give a generous 250mm opening stroke for excellent natural ventilation.

- 250mm travel length
- Made to last from substantial zinc castings and aluminium
- Can be fitted on its own or linked with multiple T100 openers and controlled from a single T250, T200 or T300 mini operator
- Fixing plates and bracket fixing kits available to suit most window profiles
- Available in white, grey and black

TIP: As a rule, frames wider than 1200mm should be fitted with a pair of chain openers.

TECHNICAL DRAWINGS





Top-hung

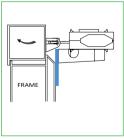
WINDOW TYPE

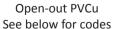


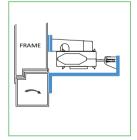




BRACKET (FIXING KITS) TYPES







Bottom-hung Open-in See below for codes

PART NUMBERS

Chain Openers	Stroke	Part Code	Box Qty
White RAL9010	250mm	THL10000	40
Grey RAL9006	250mm	THL10001	40
Black RAL9005	250mm	THL10005	40

Brackets	Open-out	Box Qty.	Open-in	Box Qty
White	THL81000	20	THL82000	10
Grey	THL81001	20	THL82001	10
Black	THL81005	20	THL82005	10



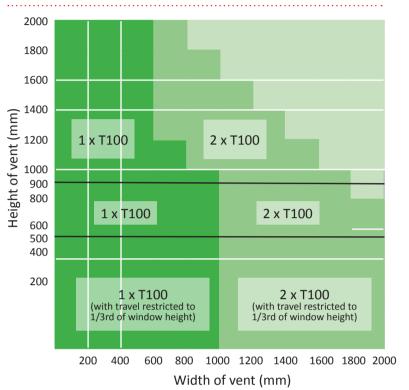
Installation Guidance Manual Window Controls

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

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

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.

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

