



TECHNICAL DATA

Minimum window height for full 250mm travel of S100 - 500mm.

Minimum window height for full 380mm travel of S150 - 900mm.

Chain openers fitted on windows less than recommended height must have opening restricted to 30% of the vent height using the S700 spring stop or S720 brass stop nuts to shorten the cable run. Use only S200, S210, S260 or S300 operator with the S150 (380mm) chain opener.

For safety reasons we recommend fitting side support stays to all bottom-hung, open in windows.

For bottom-hung applications you must fit the S850 fixing kit (sold separately).

MAXIMUM CONTROL RUN

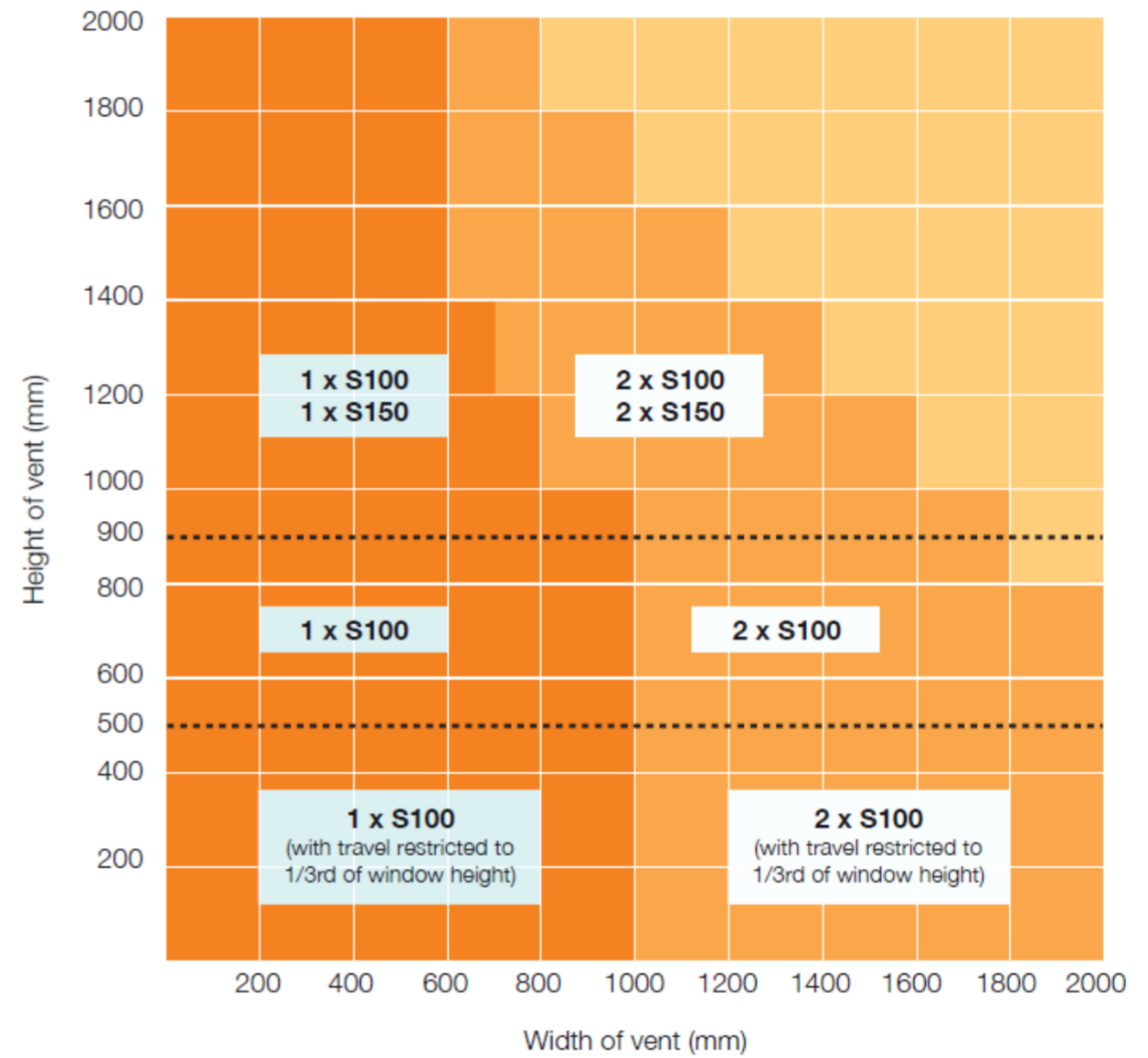
OPERATOR	MAXIMUM CONTROL RUN
S200	30 metres
S210	30 metres
S250 / 260	18 metres
S300	18 metres

SPENT TRAVEL CONDUIT

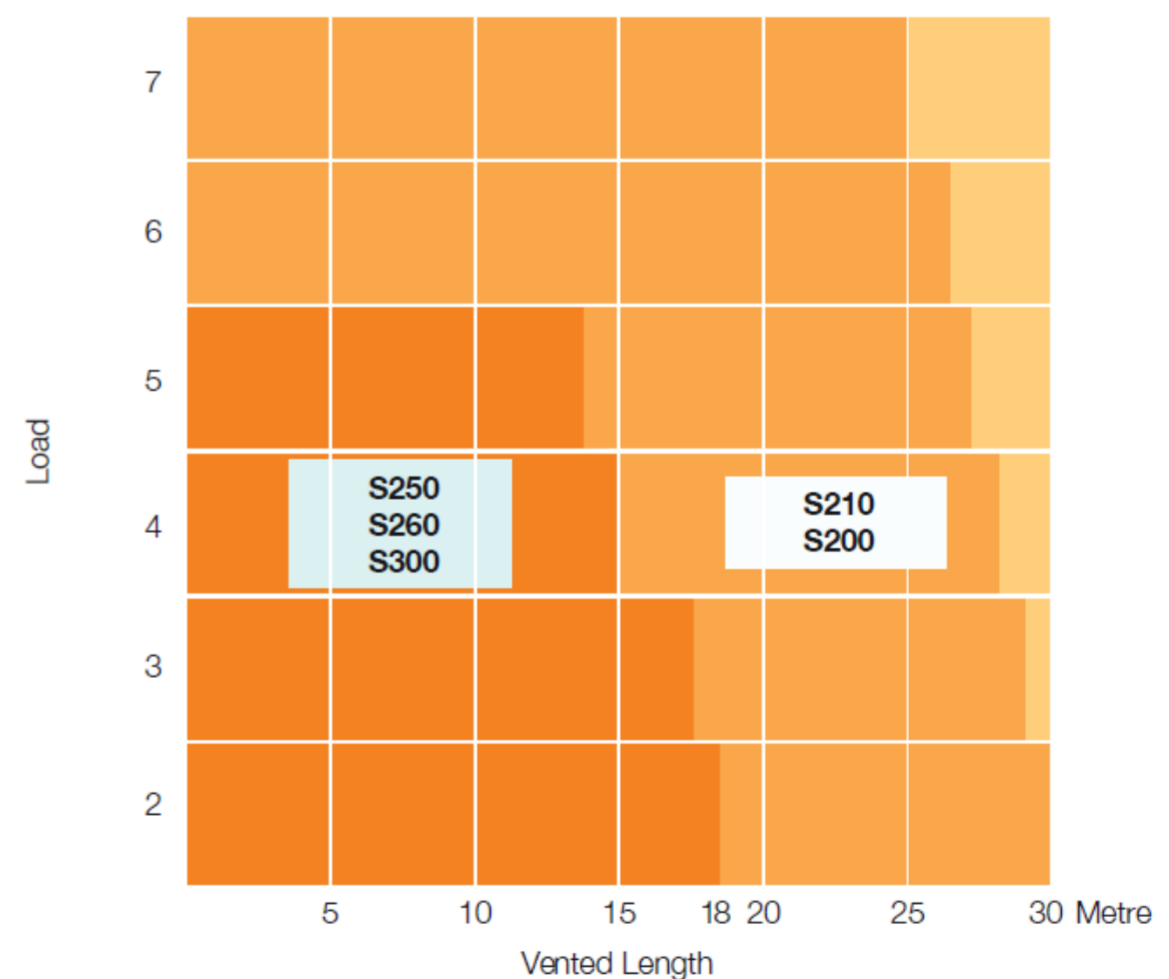
To allow for the forward / backward movement of the inner cable a length of "spent travel" conduit must be fitted at either end of the control path i.e. past the last chain / screwjack and below the operator (except the S250 & S260 operators which have an integral "spent travel" tube).

TYPE OF OPERATOR	SPENT TRAVEL CONDUIT
SJ138600 Screwjack	2.5m (for full 380mm travel)
S100 Chain Opener	0.3m
S150 Chain Opener	0.45m

NUMBER OF OPENERS PER VENT



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 /technical department for advice if friction stays are fitted.