

Product Specification: Thermasec

Product application: Chill or Cold storage traffic application

Technical Data:

Thickness: 40mm, 80mm, 120mm or 160mm

U Values: 0.52W/m²K, 0.26W/m²K, 0.18W/m²K, 0.13W/m²K

Panel Core: PIR

Leaf format: Horizontally orientated 610mm deep sections arranged to either lift vertically or lift and deflect horizontally up and away from the door opening

Frame material: Polyester powder coated fabricated mild steel frame with stainless steel option

Trace heating: To perimeter and each horizontal panel joint for sub-zero application

Hardware: Galvanised steel adjustable nylon tyred side roller and carrier assembly positioned every 610mm on each vertical edge
Counterbalanced door leaf assembly either spring or weight depending on door speed requirements

Dual handed cable winding drums to each end of the top drive shaft

Cable break suspension brackets to lowest panels

Galvanised steel guide tracks positioned to provide a pitch that ensures that the seals are compressed with the minimum of wear

Seals: Low friction PVC coated cotton re-enforced fabric forming a wide bulb with integrated trace heating on sub-zero application

Drive Details: Manual (haul chain)

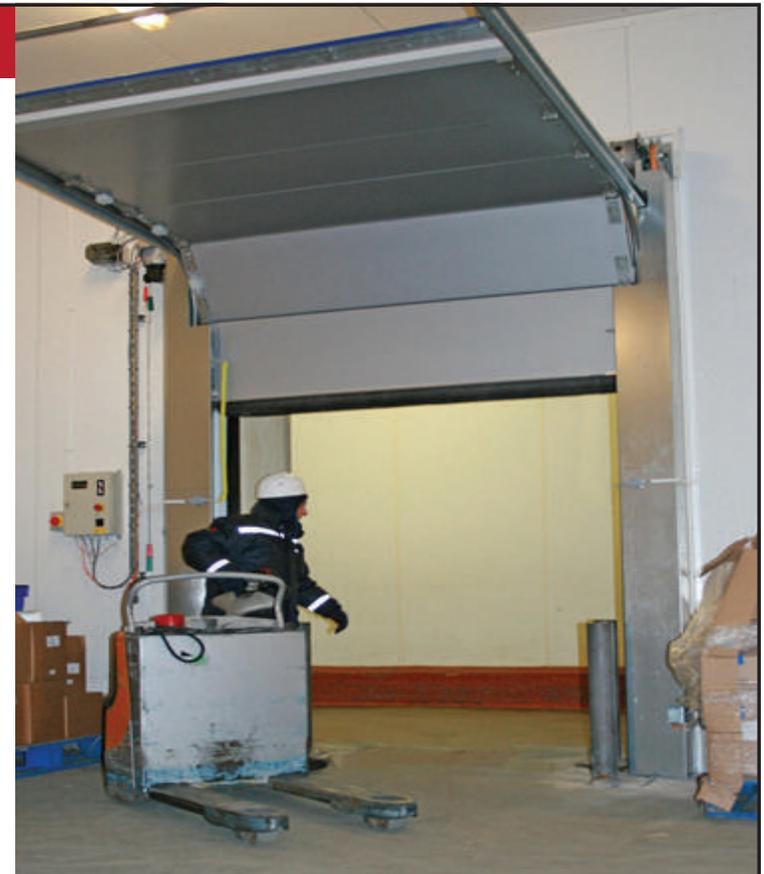
Standard Speed (175mm/s) fixed

High Speed (1.0m/s) user variable

Motor Drive Supply: Standard speed = 400V, 3ph, 50Hz, 10A

High speed = 230V, 1ph, 50Hz, 20A

Trace Heating Supply: 230V, 1ph, 50Hz, 16A (Class C MCB)



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Controls:

- Local:** 3-way pushbutton station (OPEN ~ E-STOP ~ CLOSE)
- Options:** Motion detector, induction loop, remote control (radio or infra-red), pull cord, pushbutton etc.
- Control enclosure:** Standard speed controller – built on to motor gearbox unit with low level push button station
High speed unit IP55 rated polycarbonate enclosure with integrated membrane keypad for Open – E-Stop – Close control
- Optical safety:** Retro-reflective optical beam across the width of the door on automatic closing doors
- Safety edge:** Conductive rubber wirelessly connected self-monitoring safety edge across the bottom beam of the door on automatic closing doors
- Fault mode operation:** The door control automatically switches to 'dead-man' operation if a safety device fails
- Standards:** The door complies with the requirements of EN 13241-1

