

TEKTA™ THERM

RAPIDOR SPIRAL  
SPEED DOORS

- Cut the cost of energy wastage
- Quiet and reliable operation
- Provides insulation & security
- Spiral design reduces wear & tear

## Applications:

Coldrooms & Freezer stores  
Cleanroom environments  
Internal & external doorways  
Food & drink factories  
Distribution centres  
Warehouses



The Rapidor Spiral is the ultimate speed door solution when insulation and/or security are required. Combining speeds normally associated with PVC fabric speed doors with insulated panels, they are the ultimate all-in-one door system. Also available with 80mm thick panels and a heating kit for freezer & coldroom applications.

The insulated panels provide a U-Value of 1.9 or increasing to 0.5 for the 80mm thick panel, this combined with the high speed operation makes this a great door for minimising energy loss from factories or warehouses. The doors also provide excellent air-tightness making them great for hygienic environments such as food-manufacturing or cleanrooms.



The doors are operated by a three-phase motor with a multi-function control panel, this gives a wide choice of options for operating and controlling the door. Using control options such as motion sensors can help to greatly improve productivity and efficiency. The doors are also very quiet and low-maintenance due to the spiral headplate design which prevents the slats from rubbing against each other, the guides also feature polyethylene strips for reduced wear.

The door panels come as standard in anodized aluminium and the frame in galvanized steel, however both parts can also be supplied powder coated to a RAL colour for improved aesthetics. The Spiral door can also be supplied with clear vision windows for safety or alternatively with micro-perforated panels for ventilation.

# RAPIDOR SPIRAL INSULATED HIGH SPEED DOORS

Rapidor Spiral combines insulation, security and high speed all in one door. Spiral 40 offers excellent performance for high-use openings or the Spiral 80 is ideal for coldroom & freezer environments..



Function	Standard	Optional
<b>Maximum opening speed</b>	2000mm/second	1500mm/second for 80mm panel
<b>Maximum closing speed</b>	500mm/second	
<b>Maximum width</b>	6000mm	Max 4000mm for 80mm panel
<b>Maximum height</b>	5000mm	Max 4000mm for 80mm panel
<b>Curtain thickness/weight</b>	42mm thick, twin wall aluminium with polyurethane insulating infill	Constructed from steel twin-walled panels
<b>U-Value (EN 12428)</b>	1.9 W/M2K	0.5 W/M2K for 80mm panel
<b>Curtain colours</b>	Anodized aluminium (silver)	Powder coated to a RAL colour
<b>Motor</b>	400V, 3-phase industrial motor	
<b>Control panel</b>	Inverter control panel	
<b>Operating temperature</b>	-30°C to +70°C	Available with heating kit for negative temperatures
<b>Door frame</b>	Galvanized steel	Powder coated to a RAL colour
<b>Guides</b>	Polyethylene low-friction guide strips within galvanized steel frame	
<b>Power Supply</b>	400V, 3-phase terminating in an isolator (50-60 Hz)	
<b>Hood cover</b>	None	Optional 2-sided galvanized steel cover
<b>Safety features</b>	IP69 Light curtain to 2500mm from floor level Flashing warning beacon	LED Traffic Lights
<b>Timed Close</b>	1-200 Seconds	
<b>Vision windows</b>	None	Clear double-walled PMMA acrylic vision windows Micro-perforated for ventilation
<b>Emergency opening</b>	Manual counterweight release	
<b>Controls</b>	Push Button on control panel	Pull cord Induction loop Motion sensor Remote control Keypad/access control
<b>Wind Resistance (EN 12424-44)</b>	3000x3000: Class 4 5000x5000: Class 3 6000x5000: Class 2	
<b>CONFORMITY</b>	EN 13241 BS EN 12604 CE Marked EN 12425; Class 3 (Water Penetration)	
<b>Warranty</b>	24 Months	
<b>Other</b>	Special low-friction polyethylene headplate allows the door to roll in a spiral shape to minimise wear & tear	