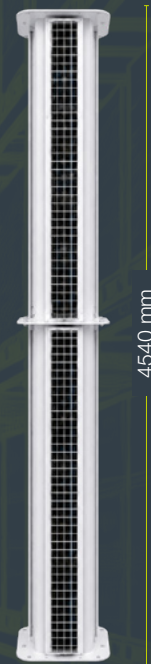




CS Tower.

Vertical protection for tall cold-store doorways.

CS Max 2000 + CS Max 2000 configuration shown



The CS Tower is a purpose-designed vertical platform that stacks two CS Max cold-store air curtains into one floor-mounted tower, inside the cold store alongside the doorway. When a door opens, cold conditioned air escapes and warmer, moisture-laden air moves in. The CS Tower directs a controlled air stream across the opening, supporting climate separation without obstructing access. It suits cold-chain logistics, refrigerated warehousing, food manufacturing, frozen-food operations and distribution centres, particularly where an overhead air curtain is impractical.

Key features.



Vertical Installation



Cold Store



Frost Protection



Energy Savings



Floor Anchored



Wall Restraint

Applications.



Cold-Chain Logistics



Frozen-Food Production



Food Manufacturing



Cold Storage



Distribution Centres



Refrigerated Warehousing

Configuration

CS Max 2000 + CS Max 2000

Installation

Internal, vertical, floor-anchored with wall restraint

Maximum stack height

4.6 m

Colour

TBC

Warranty

2 years

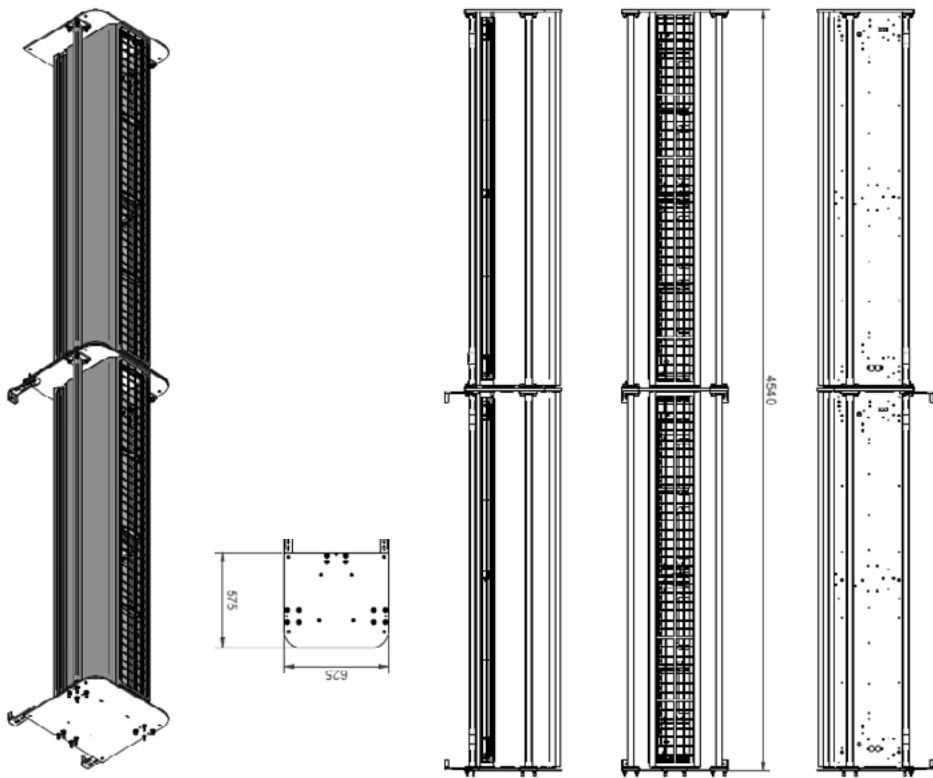
- Purpose-designed vertical platform for CS Max air curtains
- Installed internally beside the doorway, as close to the opening as possible
- Modular - two stacked air curtain sections, up to 4.6 m stack height
- Base plate anchored to the concrete floor
- Upper structure restrained to the wall with the brackets supplied
- Easy access - an air barrier across the open doorway, with no doors or strip curtains in the way of people, goods or forklifts
- CS Max units with EC motor technology and built-in frost protection
- Door switch control, BMS interface and monitoring-cabinet option

CS Cold Tower Configuration					
Configuration	Electrical Supply (V/Ph/Hz)	Total Rated Power Input Max (kW)	Total Current Per Phase Max (A)	Structure Weight (kg)	Overall Height (Mm)
Top: CS Max 2000	230/1/50	0.82†	3.5†	200	4540
Bottom: CS Max 2000	230/1/50	0.82†	3.5†	200	4540

† As stated for the tower in the CS Tower IOM (T9901176-2, Table 1). These values equal the rating of a single CS Max 2000 unit; confirm the two-unit total before publication:
[TECHNICAL DATA TBC]

CS Max Air Curtain Units Fitted To The Tower (Data Per Unit)						
Model	Electrical supply (V/ph/Hz)	Rated Electrical Power Input (W)	Rated Current (Amp)	Air Volume Flow Rate Min - Max (m³/h)	Specific Fan Power Min - Max (W/l/s)	Effective Width Of Airstream (ft/m)
CS2000 Max	230/1/50	820	3.5	2000 - 4500	0.25 - 0.68	2.15

Per-unit values for the underlying CS Max 2000 air curtains (CS & CS Max IOM T9901150-1-7 and CS Series brochure). These are not totals for a complete tower.



Key dimensions	mm
Overall height, CS Max 2000 + CS Max 2000	4540
Maximum vertical stack height	4600
Base plate (W x D)	625 x 575

Delivery contents.

Supplied

Air curtain and vertical platform modules; 4 wall brackets with M10 bolts, nuts and threaded bar; M12 hex bolts

If Ordered

JTL box; monitoring cabinet; forklift lifting brackets

Not Supplied

M12 floor anchors; M10 wall fixings; drilling template

Elevations, isometric view and base-plate plan. CS Max 2000 + CS Max 2000 configuration. Dimensions in mm.

Your environment is our expertise.

Thermoscreens were one of the pioneers of modern air curtain technology, and we remain at the forefront of its evolution today. Our sales team work hand-in-hand with an international network of distributors, providing solutions to customers of all types and sizes, in more than 50 countries. Across the globe, our name is synonymous with the highest quality standards; our products renowned for their energy efficiency, reliability and ease of use.

