



MAYEKAWA HORIZONTAL AIR FLOW CURTAIN

THERMO SHUTTER



THE THERMO SHUTTER

is a new horizontal air curtain developed by MAYEKAWA for cold rooms, industrial freezers and coolers.

With conventional air curtains, cooling air flowed out from only one direction, and the edge of the air curtain became weak.

The air flow pattern of the Thermo Shutter is horizontal and from both sides, so the pressure is the same around the entire threshold resulting in a more effective barrier.

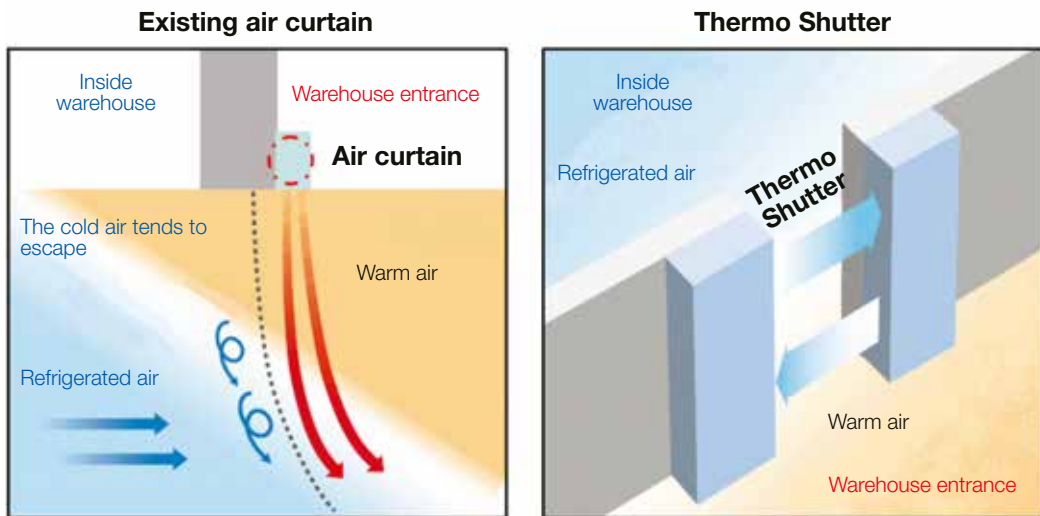
Installing the Thermo shutter saves energy, improves the quality of stored products, is hygienic and reduces investment on new equipment.

Benefit

- Energy saving
- Reduction of defrosting operation
- Keeping good quality of storage equipments
- Safety operation – prevention of floor frozen



Comparison of air flow and heat leaking (image)



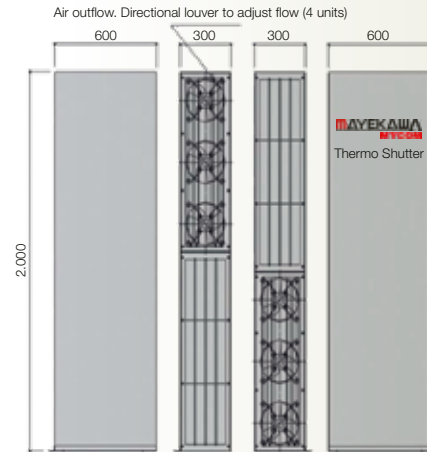
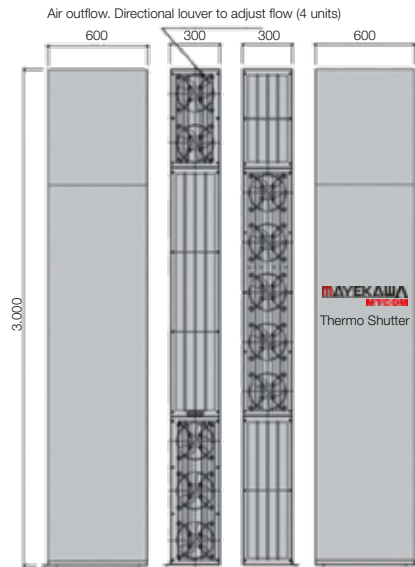
Reference of drawings

EXTERIOR DESIGN (h=3.000 mm)

MTS-305

EXTERIOR DESIGN (h=2.000 mm)

MTS-205



Specifications of standard equipment

We manufacture the equipment according to client specifications.

		MTS-215	MTS-245	MTS-275	MTS-305	MTS-335	MTS-365	MTS-395
Type	Height (mm)	2100	2400	2700	3000	3300	3600	3900
	Width (mm)	300						
	Length (mm)	600						
Standard opening length		3000						
Weight: Left + Right (kg)		80+80	90+90	105+100	110+110	125+120	130+130	140+140
Material		Stainless steel (except fan)						
Fan	Devices	Fan with axle 22 cm thick						
	No. Of fans	6	8	8	10	10	12	12
	Nominal power	75 W/ unit						
	Nominal voltage	200 V / 3 phase						
	Electric power (w) 50Hz/ 60Hz	660/840	800/1120	800/1120	1100/1400	1100/1400	1320/1680	1320/1680
	Rated amp. (A) 50Hz/60Hz	9/8.4	12/11.2	12/11.2	15/14	15/14	18/16.8	18/16.8
	Environmental conditions	Temperature -10 °C + 45°C Relative humidity: up to 90%						
Accessories		Control panel						
Options		Ceiling plates and door frame to prevent overheating						

Model name : MTS-##5 ## : Height

Reference : MTS-325 Height is 3.200mm

Note:

- The optional cover is necessary if the doors open to the outside of the chiller
- The information in this document may be modified without notice

WORLDWIDE

- 40 countries / 127 offices
- 8 production plants



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