



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.

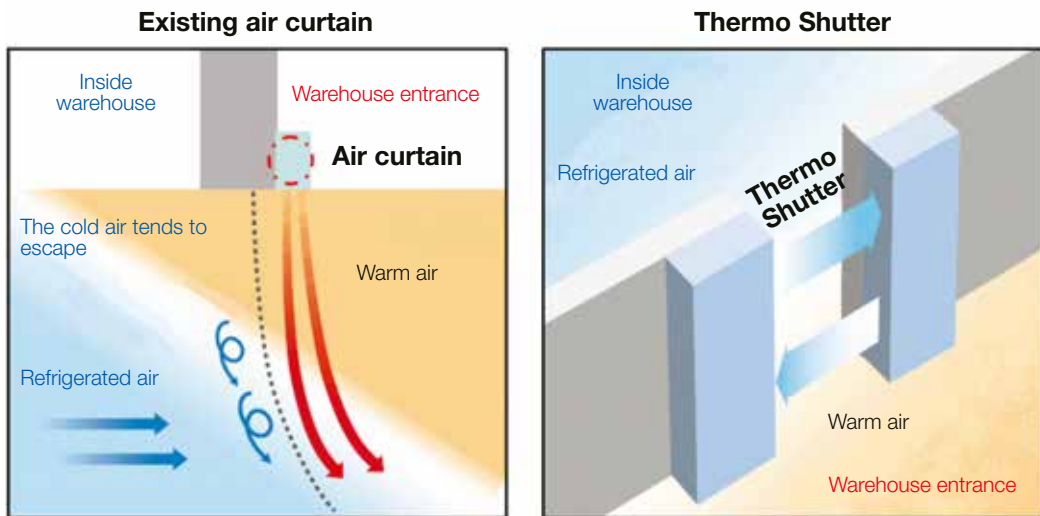
Installing the Thermo shutter saves energy, improves the quality of stored products, is hygienic and reduces investment on new equipment.

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)



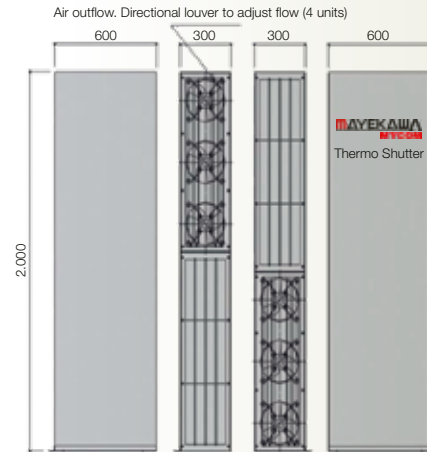
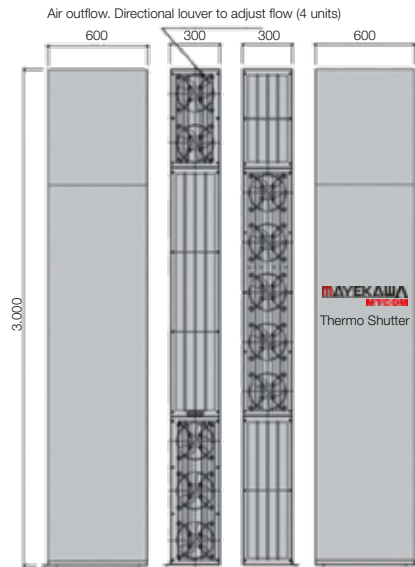
Reference of drawings

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



MAYEKAWA EMEA Organization

ABU DHABI

Ali & Sons Business Center Office No. 201
Ali Khalfan Rashed Al Mutawa Al Dhahiri Bldg.
Plot no 29, Al Ain Road, Umm Al Nar
Tel. +971 2 5102151
Fax +971 2 5102571

BULGARIA

Kamen Andreev Str. 24, 1303 Sofia
Tel. +359 2 8910130
Fax +359 2 8910131

DUBAI

P.O. Box 61349, W-HOUSE
No. RA-08-UC05
Jebel Ali Free Zone Dubai, UAE
Tel. +971 4 8886363
Fax +971 4 8886373

EGYPT

New Cairo, 5th Settlement
North 90th St.
The 47th Building
Tel. +20 22 5062925
Fax +20 22 5032901

FRANCE (representative agent) Siège social

8, rue des Fontenelles
44140 Le Bignon
Tel. +33 1 30 582600
Fax +33 1 30 581937
<http://www.mayekawa.eu/fr>
E-mail: mayekawa.france@mayekawa.eu

East Branch Office - Service

1, rue Blaise Pascal – Bat. B
78190 Trappes-en-Yvelines

ZA DE L'ECO PARC - Rue François Coli
Bâtiment H - 33290 Blanquefort
Tel. +33 1 30 582600
Fax +33 1 30 581937

West Branch Office

Food Processing Division
2, Rue de la Cassoie
Parc d'Activité de la Barricade
22170 Plerneuf
Tel. +33 2 96765913
Fax +33 1 30581937

GERMANY Mayekawa Deutschland GmbH

Zum Buckesch 7a
48336 Sassenberg-Füchtorf
Tel. +49 (0) 5426 9059224

Vertrieb BRD/Österreich

Tel. +49 151 42628055
<http://www.mayekawa.de>
Email: info@mayekawa.de

HUNGARY

Köbányai út 10/A
2049 Diósd,
Tel. +36 23 545712
Fax +36 23 545715
<http://www.mayekawa.eu>
E-mail: hungary@mayekawa.eu

ITALY Milan Office

Via Riccardo Lombardi 19/12
20153 Milano
Tel. +39 2 48929218
Fax +39 2 4531728

Bologna Office

Via Pradazzo 7 40012
Calerara di Reno
Tel. +39 51 726364
Fax +39 51 726804

MOROCCO

6, Allée des Cyprès
20250 Casablanca
Tel. +212 600 041241

POLAND

ul. Druskiennicka 8/10
60-476 Poznan
Tel. +48 61 8420738
Fax +48 61 8485837

RUSSIA Moscow Office

Polkovaya St, House 1, bldg 1
127018 Moscow
Tel. +7 499 2300176 / 78
Fax +7 499 2302112
<http://www.mayekawa.ru>
E-mail: info@mayekawa.ru

Vladivostok Office

Tigrovaya st., 30, office 22
690091, Vladivostok
Tel. +7 423 279-1503

SOUTH AFRICA

West End
Unit 3 Prime Park
Printers Way
Montague Gardens 7441
Tel. +27 21 5511434
Fax +27 86 5463618

SPAIN

Calle Montevideo 5, Nave 13
Pol. Industrial Camporosso
28806 Alcala de Henares, Madrid
Tel. +34 91 8300392
Fax +34 91 8300397
<http://www.mayekawa.es>
E-mail: mayekawa@mayekawa.es

SWITZERLAND

Rosenbergstrasse 31
6300 Zug
Tel. +41 41 7268626
Fax +41 41 7268620
<http://www.mayekawa.ch>
E-mail: info@mayekawa.ch

TURKEY

Dünya Ticaret Merkezi
A/2 Blok Kat: 10 No. 325
Yeşilköy
Istanbul
Tel. +90 212 46536 31- 34
Fax +90 212 4653635

UKRAINE

Golosevskaya Street 7
Office 122-123
03039 Kiev
Tel. +38 44 2514662

UNITED KINGDOM

16 Oakhurst Gardens
DA7 5JP Bexleyheath, Kent
Tel. +44 1322 433558
Fax +44 1322 433164

Japan Head Office

3-14-15 Botan Koto-ku
Tokyo 135 8482, JAPAN
Tel. 81 3 3642 8181
Fax 81 3 3643 7094
E-mail e-public@mayekawa.co.jp

MAYEKAWA Europe nv/sa

Leuvensesteenweg 605
1930 Zaventem - Belgium
Tel. +32 2 7579075
Fax +32 2 7579023
<http://www.mayekawa.eu>
E-mail info@mayekawa.eu