Reference specifications

	shee speemeations												
Туре		MTS-205	MTS-215	MTS-225	MTS-23	5 MTS	-245 M	TS-255	MTS-265	MTS-275	MTS-285	MTS-295	
Outer dimensions	Height (mm)	2,000	2,100	2,200	2,300	2,4	00 2	2,500	2,600	2,700	2,800	2,900	
	Width (mm)	600											
	Length (mm)	300											
Standard opening width (mm)		Up to 3,000											
Estimated weight: Left + Right (kg)		80 -	+ 80	85		95 + 95		100 + 100		105 + 105			
Power supply		3-phase 200V, 50/60 Hz											
Main materials		Stainless steel (SUS304) Hairline finish (except for fans and other internal parts)											
Fan	Model	22 cm pressure bearing flow fan											
	No. of fans	6					8						
	Nominal output (W/fan)	75											
	Voltage	3-phase 200V											
	Electricity consumption (50Hz/60Hz) in kW	0.66/0.84					0.88/1.12						
Ambient conditions		Operating temperature: -10°C to 45°C, relative humidity: up to 90% (without icing or frosting)											
Accessories		Control panel											
Options		Ceiling blind plate, shear packing, drain socket, inverter specification (50Hz range)											
	Туре	MTS-305	MTS-315	MTS-325	MTS-335	MTS-345	MTS-355	MTS-3	65 MTS-3	75 MTS-38	5 MTS-395	MTS-405	
Outer dimensions	Height (mm)	3,000	3,100	3,200	3,300	3,400	3,500	3,600	0 3,700	3,800	3,900	4,000	
	Width (mm)	600											
	Length (mm)	300											
Standard opening width (mm)		Up to 3,000											
Estimated weight: Left + Right (kg)		110 + 110		115 + 115		120	120 + 120		130 + 130	14	0 + 140	145+145	
Power supply		3-phase 200V, 50/60 Hz											
Main materials		Stainless steel (SUS304) Hairline finish (except for fans and other internal parts)											
Fan	Model	22 cm pressure bearing flow fan											
	No. of fans	10					12						
	Nominal output (W/fan)	75											
	Voltage	3-phase 200V											
	Electricity consumption (50Hz/60Hz) in kW	1.1/1.4					1.32/1.68						
Ambient conditions			Ор	erating tempe	rature: -10°	C to 45°C,	relative hun	nidity: up t	to 90% (witho	ut icing or fro	sting)		
Accessories		Control panel											
Options				Ceiling blind	l plate, shea	ar packing,	drain socke	et, inverter	specification	n (50Hz range)		

• Consult Mayekawa office, if a different height is required from the list above. • Installing a ceiling blind plate can prevent air flow from spreading out more efficiently blocking the flow out. Shear packing are required if there are gaps between Thermo shutter and walls or doors. If there is a pressure differential between the outside and inside, air flow may be affected, reducing the efficiency of the system.

Outer dimensions





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Standard control panel

PD128 01001605-16.05.

ith plastic encl



Thermo shutter

Optimal shielding of incoming warm air and outgoing cold air





Horizontal Air Circulation Heat Shield Air Curtain



The first horizontal air circulation system Keep cold air in and warm air out

With the ever advancing small-lot, high-demand delivery, doors in cold storage are opened more frequently. Thermo Shutter provides reliable heat shield performance that solves these problems.

Conventional air curtain [Vertical air from the top]

The air downflow at the bottom is not strong enough to block cold air flowing out.

Thermo shutter [Horizontal air circulation]

The horizontal air circulation shields cold air at the bottom and warm air at the top which have been the weakest area of the conventional air curtain.





96.7

kWh/day

kWh/day

ter as well



Stats for outside installation on loading docks Inside 5°C / Outside air temperature Size: 2,000mm (h) x 2,600mm (w) Upward sliding door



33%

Cold storage Inside -25°C / Outside -5°C Size: 2,600mm (h) x 2,200mm (w) Door opening by Pull switch

kWh/day 64.9

kWh/day