

RAV-SM_DH-FS AIR CURTAINS



Air curtains are designed to be positioned above an entrance, providing a thermal curtain, which separates the outdoor and indoor environments. This historically has been produced by electrical heaters, however it is now possible to use a Toshiba heat pump system, with the added benefits of improved energy savings.

Energy savings

- Stop drafts and reduces infiltration of outdoor air into the heated or air-conditioned area.
- EC motors compliant with ERP lot 11.

Comfort

- By preventing the conditioned air to leave the building, or be affected by incoming air from the outside, the comfort levels inside the building are maintained, making it a more pleasant area for staff members and customers alike.

Functionality

- Provides a pleasant entrance to customers, whilst ensuring undesirable smells, contaminants and small insects are kept outside of the conditioned space.

Adaptability

- Suitable for installation in the ceiling space above the door, only the inlet grille and discharge outlet will be visible.
- Available in door width 0m.

CAPACITY



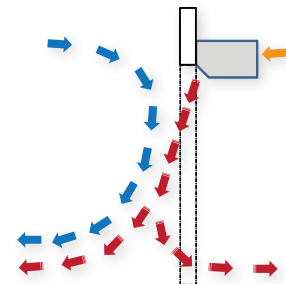
9.3 kW

OPERATION



-20°C > +46°C

The air is accelerated and forced through a narrow discharge along the length of the air curtain creating a liminar air flow.



INDOOR UNITS

RAV- _ -



OUTDOOR UNITS

RAV-SM1404AT(8)P-E



REMOTE CONTROLS

RBC-AMT32E

AIR CURTAINS
Free-Hanging unit (CH)

Model Code	RAV-SM2000DH-FS
Outdoor Sizing hp	.0
Heating Capacity kW	.
Heating C kW	.
Air flow rate m ³ /h	22.0
Power Input Fan only kW	0.
Door Width mm	000
Max Door Height m	3.2
Unit Weight kg	
Sound Pressure dBA	5

AIR CURTAINS
Built-in unit (BH)

Model Code	RAV-SM2000DH-FS
Outdoor Sizing hp	.0
Heating Capacity kW	.
Heating C kW	.
Air flow rate m ³ /h	22.0
Power Input Fan only kW	0.
Door Width mm	000
Max Door Height m	3.2
Unit Weight kg	
Sound Pressure dBA	5

AIR CURTAINS
Outdoor units combination

Model Code (CH/UH/BH)	
Door Width (mm)	2000
Max Door Height (m)	3.2
DI - Single phase	RAV-SM1404ATP-E
DI - Three phase	RAV-SM1404AT8P-E

DIGITAL INVERTER
Physical data outdoor

Outdoor unit		RAV-SM1404ATP-E 5 HP	RAV-SM1404AT8P-E 5 HP
Air flow	m ³ /h - l/s	4200 - 1167	4200 - 1167
Sound pressure level	dB(A) C	54	54
Sound power level	dB(A) C	70	70
Operating range	°C C	-15 / 46	-15 / 46
Sound pressure level	dB(A) H	55	55
Sound power level	dB(A) H	71	71
Operating range	°C H	-15 / 15	-15 / 15
Dimensions (HxWxD)	mm	890x900x320	890x900x320
Weight	kg	68	69
Compressor type		DC Twin Rotary	DC Twin Rotary
Flare connections			
Gas	in	5/8	5/8
Liquid	in	3/8	3/8
Minimum pipe length	m	5	5
Maximum pipe length	m	50	50
Maximum height difference	m	30	30
Chargeless pipe length	m	30	30
Refrigerant charge (R410A)	kg	3.3	3.3
Power supply	V-ph-Hz	220/240-1-50/60	380/415-3-50, 380-3-60

C: cooling mode
H: heating mode