



OUTDOOR AIR CONDITIONER

# OUTER TOWER

## Creating of comfortable cold-air space outdoors

The Single Packaged A/C blows out a large volume of cold air in all directions, generating comfortable cold-air space in a range of areas about three meters from the unit.

## No trouble finding a place where the unit is to be installed

Since the unit is a single-packaged A/C (meaning that indoor and outdoor units come together), refrigerant piping is not necessary.

\* Power wiring connection and drainage treatment are necessary.

## A simple outer design that blends well with the outside surroundings

The tower-shaped unit matches with an open atmosphere of the outdoors.



# Product Specification

The "OuterTower" outdoor A/C (self-contained type) SPP71AV

Power supply		single-phase 200 V 50/60Hz	
Temperature difference of discharged cold air(deg)	50/60Hz	8/9	*Note1
Cooling Capacity (kW)	50/60Hz	6.3/7.1	*Note2
Cooling airflow volume (m <sup>3</sup> /min)	Rapid/High/Low	28.8/22.1/18.0	*Note3
External dimensions (mm)	Machine body	H×W×D	1700×521×521
	Mounting plate	H×W×D	4.5×1016×1016
Weight (Kg)	Machine body	100	
	Mounting plate	34	
Electrical properties	Operating electric current(A)	50/60Hz	11.0/12.0 *Note2
	Power dissipation(kW)	50/60Hz	2.00/2.30 *Note2
Operation sound	Sound pressure level(dB)	<small>*In case of Cooling airflow volume [Rapid]</small>	60
Refrigerant in use		R32	
Protection level		IPX4	
Outdoor temperatures permitting operation		Cooling 20°C~ 40°C *Note3	
Operation mode		Cooling · (Heating*Note4) · Ventilation *Note5	
A means of moving the machine		A four-wheeled caster (with safety locking system)	
A method of installing the machine		Screwing bolts into a mounting plate sold separately or using anchor installation	
Drain drainage	Internal diameter of connecting hose	Φ14	*Note6

Note 1 : Ambient conditions 35°C D.B. 24°C W.B : Temperature difference of discharged cold air (50Hz/60Hz) -- 8/9 (deg)  
 Ambient conditions 35°C D.B. 28.5°C W.B : Temperature difference of discharged cold air (50Hz/60Hz) -- 7.0/7.5 (deg)  
 Note 2 : Ambient conditions 35°C D.B. 28.5°C W.B

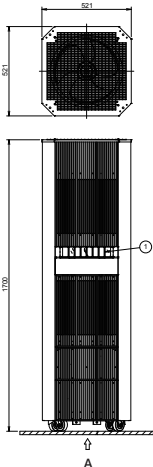
Note 3 : Air volume may automatically reduce in the case that the upper limit of outdoor temperatures permitting operation is almost reached.  
 In addition, the unit will automatically switch to the ventilation mode if outdoor temperatures exceed those permitting operation.

Note 4 : Heating is in operation with outdoor temperatures being in the range from 7 to 25 degrees Celsius. During Mild Heating mode, when air volume is set as "Rapid," the volume of air is at 13 (m<sup>3</sup>/min), and discharge temperature difference is 20 (deg). ("Heating" is displayed on the remote)

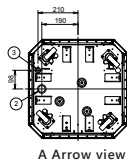
\* Air volume may automatically reduce in the case that the lower limit of outdoor temperatures permitting operation is almost reached.

Note 5 : For around 90 minutes after power started to be supplied to the product, cooling and heating operation are not available due to equipment protection. When the operation switch of the remote is pressed, ventilation operation starts regardless of operation modes.

Note 6 : A drain tank is not attached to the unit. The operation of the unit is on the premise that drain water will be discharged into a nearby gutter.  
 \* Since this model is still in the middle of development, its specs, etc. are subject to change.



Dimensions



Part number	Name	Article
①	air outlet	
②	on-site drain piping connection	Φ35
③	connection for wiring power supply and the unit	Φ19

Outer image

