

Green AC

Introduction

What is Green AC

The Green Ambience Changer Flex (or Green AC Flex) is an environmentally-friendly mist system which offers ideal cooling for hot environments as well as an alternative option for stage effects.



Control Box



Nozzle Unit

An Innovative Invention

The innovative Green Ambience Changer Flex is designed for ASEAN countries which experience constant hot weather. It is the solution to a number of issues which not only cause people discomfort but can also affect their health.

Reduce Outdoor Temperature



Outdoor Cooling system for people to enjoy their outdoor activity



Doesn't feel wet to the touch



Replace Harmful Smoke / Fog for Theater



Prevent Skin Drying Out While Keeping it Moisturized



Green AC

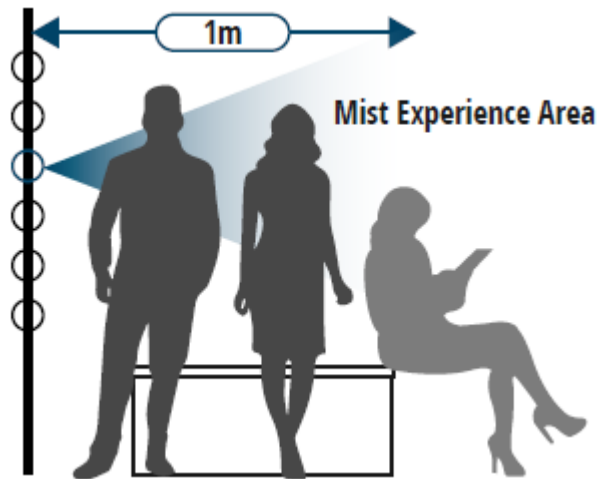
Benefit of using The Green AC

Energy-saving Outdoor Cooling

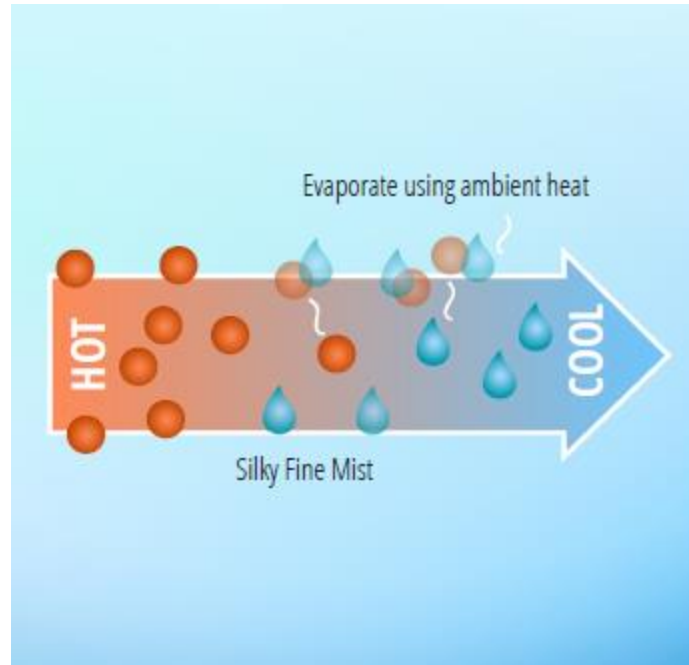
The Green AC Flex can effectively cool outdoor environments. Its mist can be carried over a longer distance to cool larger outdoor areas, allowing it to lower outdoor temperatures efficiently while saving energy.

It's Silky Fine Mist

This fine spray of water with low pressure air can lower outdoor temperatures by up to 4°C. It can be sprayed directly without making people feel wet as the fine mist particles evaporate quickly, taking heat directly away from the skin.



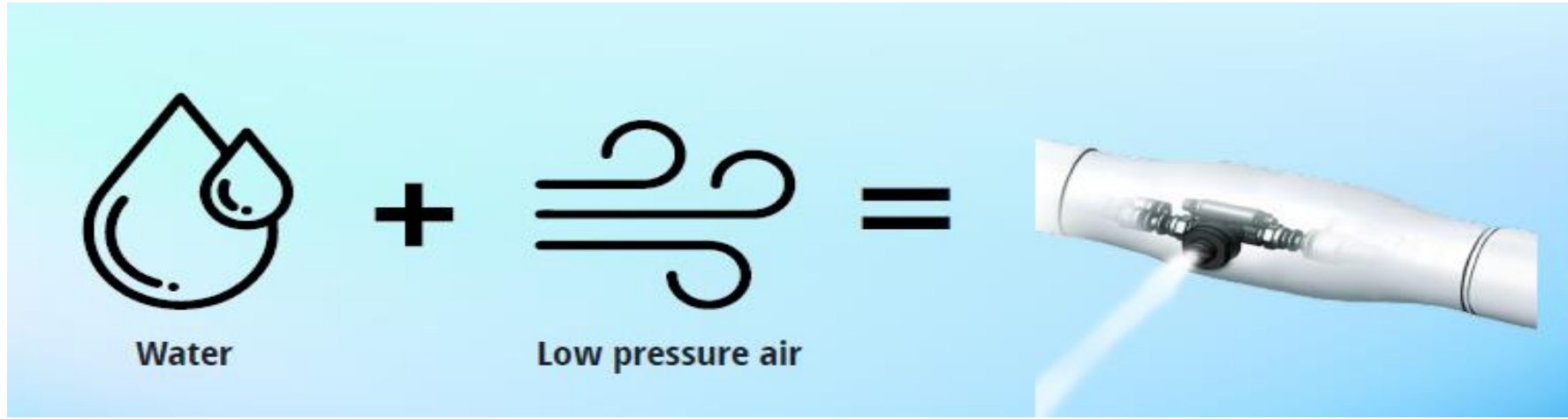
Silky Fine Mist Feature



- the mist are very fine particles, it evaporates quickly so you won't feel wet, even if it hits you directly. With close contact of about 0.6 to 1.0m (optimal cooling distance).
- The mist can be sprayed directly on the body to offer immediate relief from intense heat.
- This can lower the temperature outdoors by up to 4°C and produce a cooler ambience.

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Green AC Mechanism and Key Feature



- A nozzle that mixes and sprays air and water. The compressed high-speed airflow crushes water into small pieces, which makes it possible to atomize mist compared to an original nozzle that sprays only with water.

Key Feature

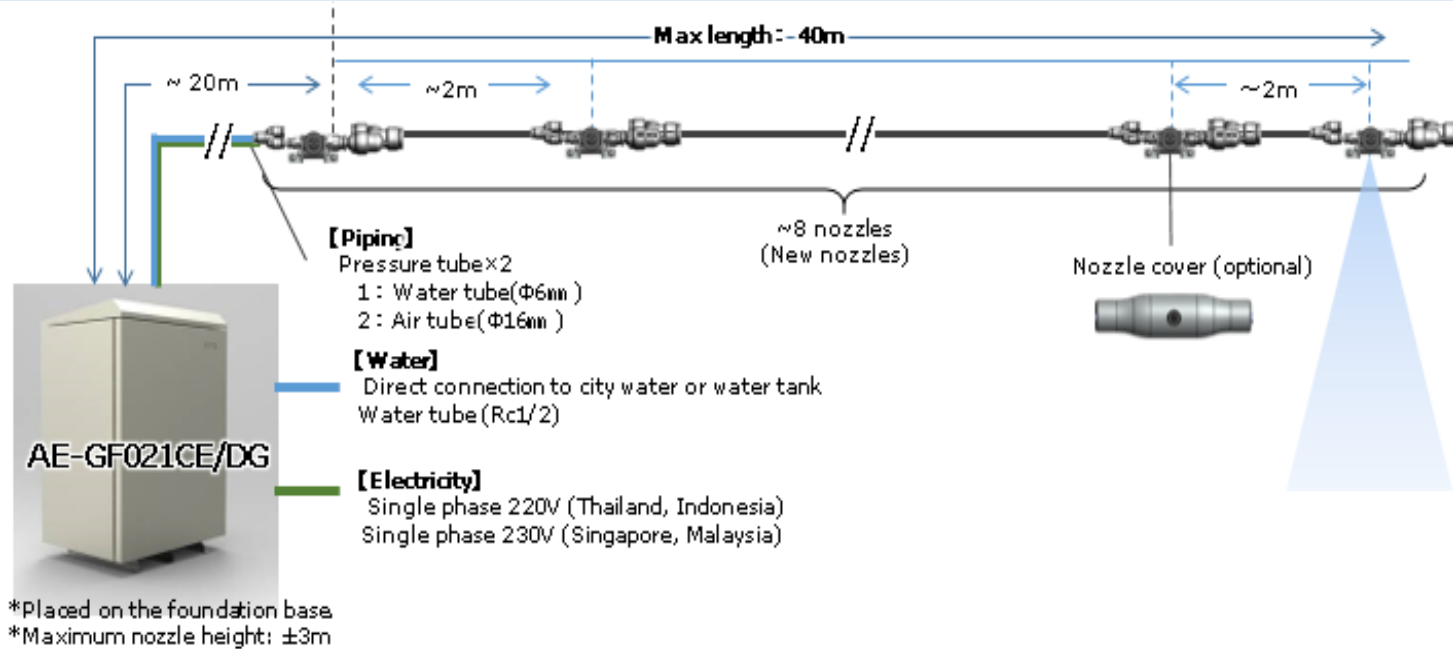
Fine Mist and Quick Vaporization

Running cost is small

No Need for high pressure air

Low Noise

System Installation Reference and Specification



Product Specifications

Model number	AE-GF021CE (220V) - Indonesia & Thailand AE-GF021DG (230V) - Malaysia & Singapore
Size	W610×D460×H860mm (Control box)
Weight	119kg (Control box)
Power consumption	<ul style="list-style-type: none"> • Single phase 220V 50Hz 0.96kW • Single phase 230V 50Hz 0.96kW
Number of nozzles	5 ~ 8 nozzles
Piping Length (Equipment/nozzle)	Up to 40m
Rated mist volume	210mL/min
Noise	60dB (Control box)
Outdoor operation	○ (Waterproof: IPX4)
Running operation	Manual ON/OFF or Timer operation by day of the week
Recommended temperature for usage	5°C to 46°C
Operation condition relative humidity	20%RH to 90%RH (no condensation)
Spray Amount Control Method	Mechanical (constant flow valve)
Water Supply Method	<ul style="list-style-type: none"> • Directly connected to water pipes • Tanks

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Various Usage

Green Ambience Changer Flex can be installed in various locations



Outdoor Restaurant



Walkway



Bus Stop/Station



Train Station



Theme Park



Staging Effect

<https://youtu.be/fFyDYsmXEgo>

It diffuses light from projectors, creating beams of magnificent light which isn't harmful

Reference Web Link

Found Out our Green AC Promotion web Link :

Intagram:

@idpanasonic

You Tube:

1. https://www.youtube.com/watch?v=d_qbJLo2Z6k&t=1s
2. <https://www.youtube.com/watch?v=RKHCI7aLBBU&t=1s>

Panasonic Web:

1. <https://www.panasonic.com/id/>
2. <https://www.panasonic.com/id/corporate/news/articles/20210302-panasonic-launches-green-ac-ambience-changer-flex-a-silky-fine-mist-generation-system-that-cools-outdoor-air.html>
3. <https://www.panasonic.com/id/business/gac-concept>