

Why T-Tech Air coolers?

T-TECH portable air coolers are designed to give you fresh air with a cool breeze. With effective water retention and air flow technologies, T-TECH air coolers offer a truly delightful comfort.

Advantages

■ Lower Energy consumption

T-TECH Air coolers offer a reduced energy consumption, as evaporative air cooling consumes 70% less energy than compressor based air conditioners.

■ Moisture comfort

In Dry Climate, T-TECH air coolers moisturize the air continuously by raising the water vapor content which increases the Relative Humidity RH% to comfortable levels.

■ Easy installation

Easy to Install, Plug and Start!
Install it yourself and save the professional help cost.

■ Less Maintenance More Cooling !

The mechanical operations are limited to the fan and water pump, which reduce the operational and maintenance cost drastically compared to compressor based air conditioners.



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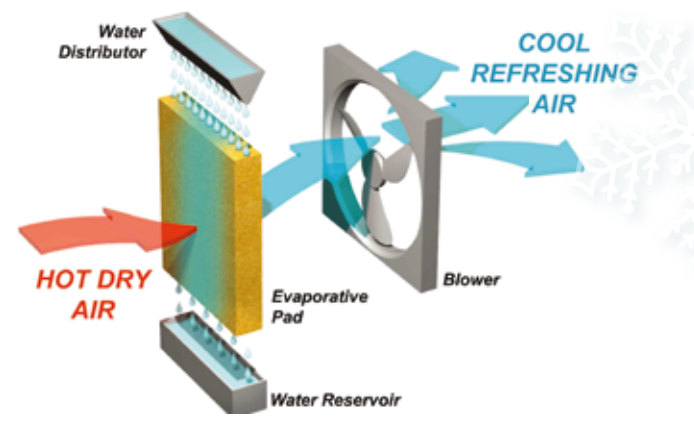
T-TECH PORTABLE AIR COOLERS

For product queries
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For Maintenance
☎ 44337110

How does it operate?

T-TECH portable air cooler cools the surrounding air through the evaporation of water using vapor- condensation cycle. Since water absorbs a relatively large amount of heat in order to evaporate, the temperature of dry air is dropped significantly through the phase transition of liquid water to water vapor.

How EVAPORATIVE COOLING works?



Evaporative Cooler Cycle

- 1- Water drips down the cooler pad and keeps the membrane wet.
- 2- Hot air flows through the cooler pad.
- 3- Water is evaporated into air and captures the heat.
- 4- The cold air is blown through the fan.
- 5- Excess water that drips from the bottom of the membrane is collected and recirculated to the top.

Technical Specification

SPECIFICATION	TPE 36VK1
Cooling power	120W
Control	Remote Control
Applying space	25-40m²
CFM	4500 m³/h
Net weight	10kg
Gross Weight	11kg
Packing dimensions	475x375x990mm
Product size	430x340x970mm
Tank Capacity	36L



SPECIFICATION	TPE 100VK1
Cooling power	480W
Control	Remote Control
Applying space	80-120m²
CFM	16000 m³/h
Net weight	28kg
Gross Weight	30kg
Packing dimensions	800x600x1305mm
Product size	750x550x1250mm
Tank Capacity	100L



SPECIFICATION	TPE 80VK1
Cooling power	200W
Control	Remote Control
Applying space	40-70m²
CFM	8000 m³/h
Net weight	17.5kg
Gross Weight	18.8kg
Packing dimensions	655x448x1220mm
Product size	615x415x1200mm
Tank Capacity	80L



SPECIFICATION	TPE 150VK1
Cooling power	580W
Control	Remote Control
Applying space	100-150m²
CFM	18000 m³/h
Net weight	38kg
Gross Weight	41kg
Packing dimensions	855x595x1445mm
Product size	810x560x1435mm
Tank Capacity	150L

