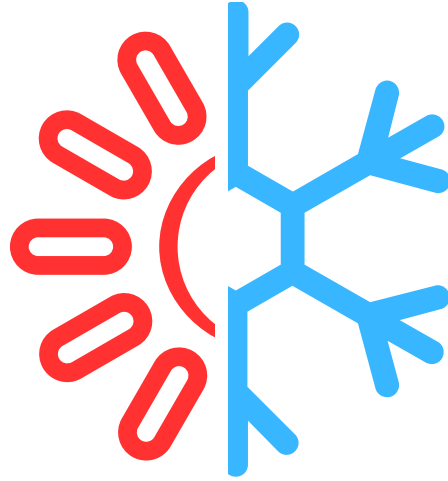




SUKOON

COOLING REIMAGINED

AN IIT MADRAS STARTUP

BluPULSE Cooling Vest



Designed for professionals operating in extreme heat and direct sunlight, **BluPULSE** is a next-generation active cooling jacket that blends forced convection and evaporative cooling for unmatched thermal relief. Equipped with strategically placed high-efficiency fans and an advanced moisture-wicking inner layer, BluPULSE accelerates sweat evaporation and air circulation to cool you down instantly—and keep you cool longer.

Whether you're on the factory floor, managing a construction site, or working in field operations under the blazing sun, BluPULSE helps regulate your core temperature so you can stay safe, alert, and productive. Built for real-world durability and all-day comfort, BluPULSE is lightweight, rechargeable, and easy to use—your frontline defense against heat stress in the toughest environments.

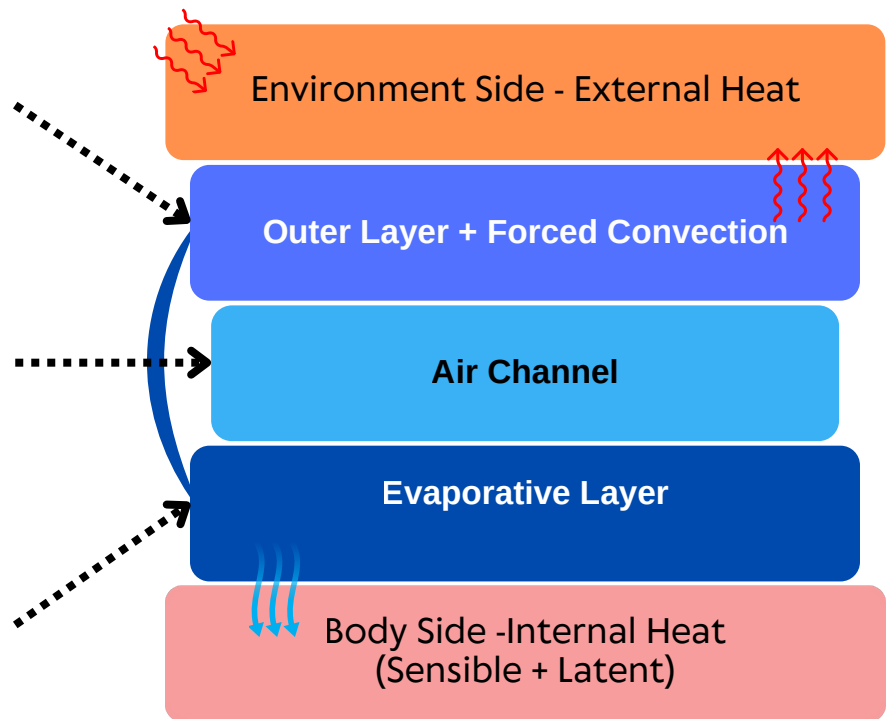
BluPULSE Cooling Vest - Mechanism

From outer heat shield to inner flow — BluPULSE channels air through layers of protection, precision, and performance.

Made with high-reflective and insulative fabric, the outer shell blocks external heat from sunlight and hot surfaces. Integrated BLDC fans draw in air, enabling strong forced convection to kickstart the cooling process.

This ventilated gap guides airflow evenly across the jacket. As air travels through, it begins to cool before reaching the core—boosting overall cooling efficiency.

A high-performance, sweat-wicking fabric worn against the body. When dampened, it uses evaporative cooling to chill incoming air, delivering a refreshing effect as it exits around the neck and chest.



BluPULSE Specification

Type	Active (Power Bank)
Wear	Outer Jacket -> Inner Jacket -> Torso Inner Wear -> Body
Target Time Duration	8 hrs
Weight	600 grams
Outdoor Temperature	25 - 55 deg Celcius
Jacket Temperature Drop	10-15 deg Celcius Depends on ambient temp + humidity

BluPULSE Safety



Bio-Compatible



Certified



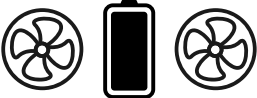
Non-Hazardous



Obstruction Free
Wear

Item Detail

BluPULSE Kit

	Inner EVAP Vest
	Outer Airflow Jacket
	Fan + Battery Pack



How to Use



Step 1 :

Wet the inner jacket as per need. Rinse the jacket to stop the water from dripping. Wear the inner jacket

Step 2 :

Wear the outer jacket over the inner jacket.



Step 3 :

Switch on the button to start the cooling by reaching into the right pocket

Step 4 :

Set Speed. Recharge the inner jacket with water and Recharge the battery as per need.



Thank you

Contact Us to know more



www.thesukoonworld.com



enquiry@thesukoonworld.com



+91 9049617869

