

Smarter Cooling.
Cleaner Water.
Sustainable Data Centres



Brought to you by Jakson Green

From Servers to Springs: Circular Cooling for Digital Infrastructure

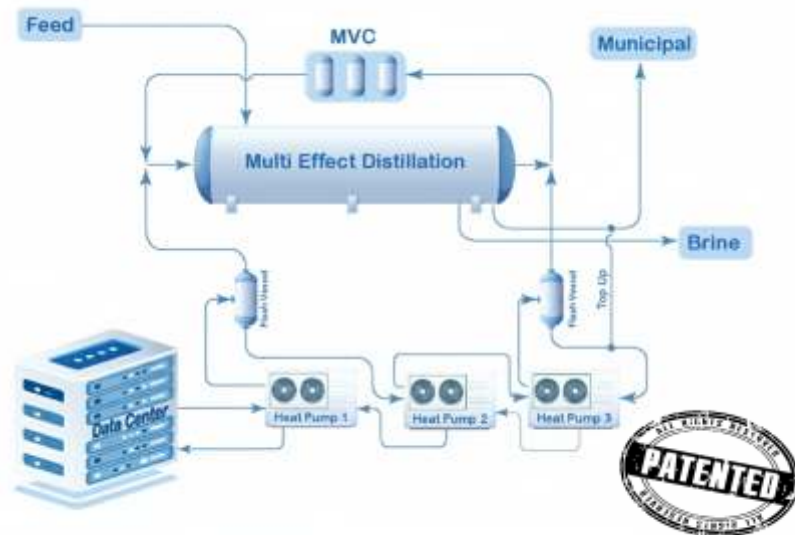
Transforming waste heat into ultra-pure water, with
80% less energy and **zero** water waste

The Digital Growth Paradox

India's booming data center sector is caught in a double bind: growing demand for compute collides with resource scarcity.

- Power demand is projected to **2.5x by 2030**
- **Up to 40%** of energy use goes to cooling
- **60%+** of today's data center water use is potable
- And **55%** of data centers now operate in water-stressed regions

This is not just a sustainability issue. It's a strategic risk — with headlines of canceled builds and stranded capacity emerging in India, the Middle East, and Latin America.



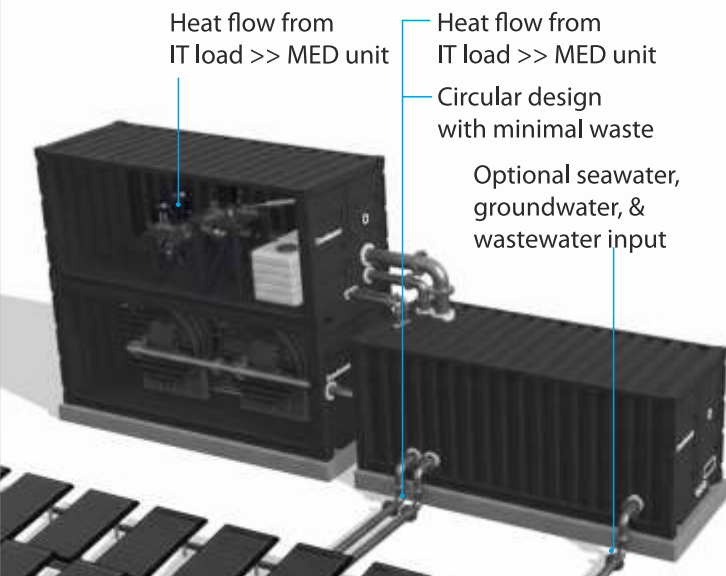
From waste heat to water security: the Desolenator SP40 is a circular cooling system for the future of computing.

Our Solution: Heat-to-Hydration

Desolenator offers the world's first **closed-loop cooling solution that produces ultra-pure water using your own waste heat**

At the heart is a solar-thermal + waste-heat recovery system (SP40) that replaces conventional cooling towers and produces up to 40m³/hour of clean water — enough to supply cooling, humidification, or fire systems.

- No chemicals, membranes, or freshwater inputs
- Modular, digitized, and AI-optimized
- Enables water positivity and ZLD compliance
- Drop-in compatibility with your existing cooling loop



Cooling That Pays for Itself



Lower Capex on cooling towers



Lower Opex for cooling towers



Additional revenue from sale of water



Lesser water consumption



Better utilisation of waste heat



Attractive ROI

Proven in Harsh Climates. Built for India.

Desolenator's cooling technology has been **field-tested** in extreme environments — from desert installations in the UAE to off-grid agricultural pilots — and is now **ready for deployment across India through our EPC partner, Jakson Green.**

Modular and site-adaptable, the system integrates with existing infrastructure and can be procured outright or via a Cooling-as-a-Service model — helping operators cut emissions, water risk, and operational complexity while matching their financing needs.

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