



COMPANY ADVANTAGE

Company Profile

AMITIME, established in 2003, is a professional Chinese manufacturer and a leading supplier of energy-saving heat pumps and cost-efficient solutions for the global market.

AMITIME has built an efficient and dynamic R&D and manufacturing platform, forming strategic partnerships with ES, Parker Davis, and other international heat pump and HVAC companies. With a global perspective, these collaborations have proven highly competitive and commercially successful, further solidifying our leading position in overseas markets.

With over 20 years of experience in R&D, 3 production bases, 16 standard laboratories, over 900 employees including 20% of engineers and technicians, AMITIME specializes in DC inverter air to water heat pump technologies. As one of the pioneers in DC inverter heat pump development, we have successfully launched four product ranges: residential heat pumps, swimming pool heat pumps, heat pump water heaters, commercial heat pumps, etc.

AMITIME is always committed to meeting customer demands, offering flexible and professional OEM/ODM solutions to international partners. Our mission is to deliver eco-conscious, smart and reliable heat pump products to contribute to the sustainable development of human society.

AMITIME ELECTRIC CO., LTD.

Zhongshan Factory:

Add: Yandong 5th Road, Dayan Industrial Zone, Huangpu Town, Zhongshan, Guangdong, China

Tel: +86 13652220180
Email: info@amitime.com

Foshan Factory:

Add: No. 6, Shilong West Road, Shilong Intensive Industrial Zone, Xintang Village, Lunjiao Subdistrict, Foshan, Guangdong, China

EuroHP Thermal Technologies Industry and Trade, Inc.

Turkey Factory:

Add: Ferhatpaşa Sb, Ortanca Sk No:20, 34540 Çatalca/Istanbul, Türkiye

Spanish Representative Office

Add: No. 35, La Hacienda, Calle Bajamar, Nerja, Spain

Tel: +34 872 263 646
Email: brian@amitime.com

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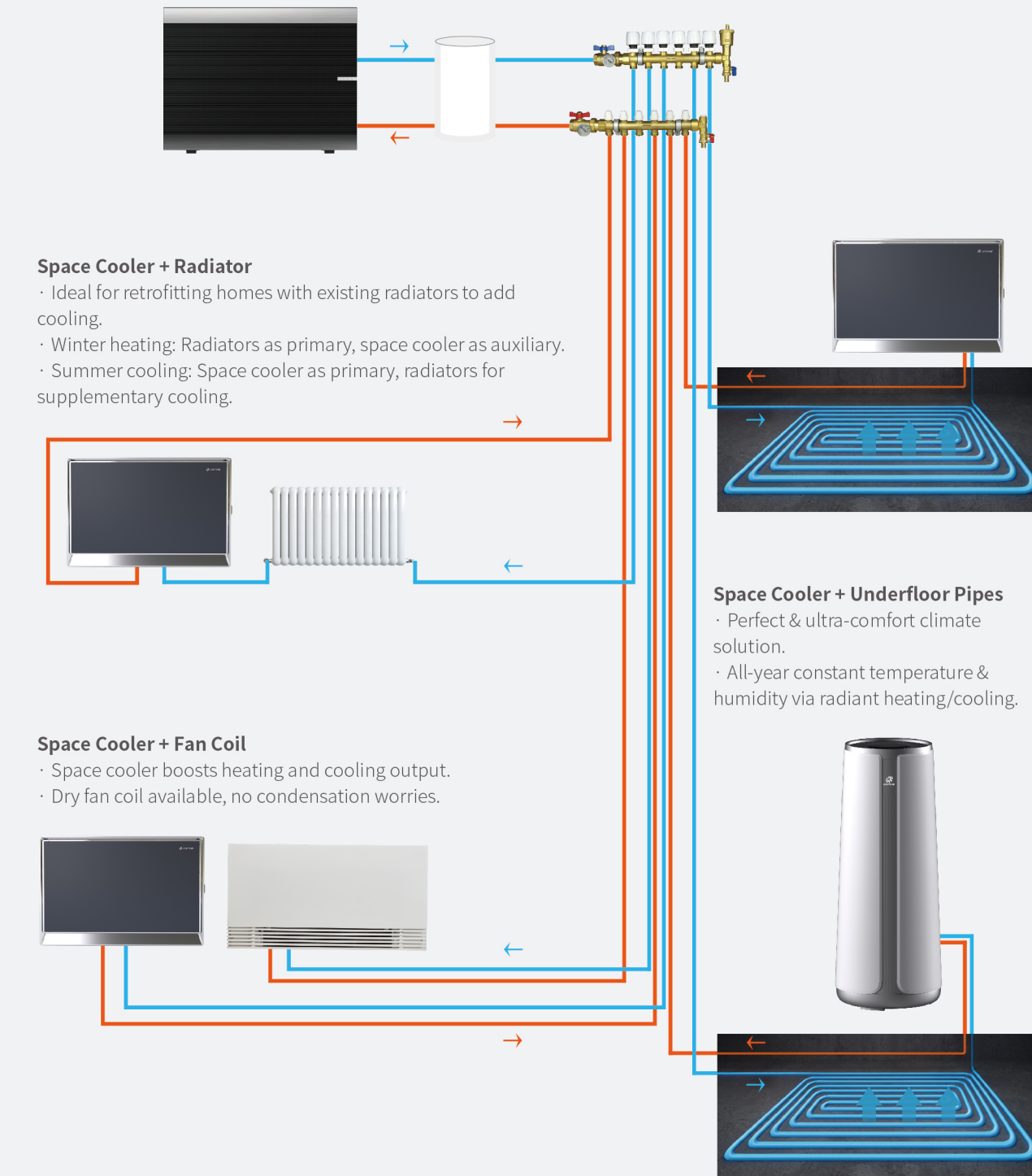


Enterprise Certification



Residential Application

Space Cooler flexibly works with other terminals, coordinates the whole system, and provides more comprehensive and comfortable climate control.



Space Cooler + Radiator

- Ideal for retrofitting homes with existing radiators to add cooling.
- Winter heating: Radiators as primary, space cooler as auxiliary.
- Summer cooling: Space cooler as primary, radiators for supplementary cooling.

Space Cooler + Underfloor Pipes

- Perfect & ultra-comfort climate solution.
- All-year constant temperature & humidity via radiant heating/cooling.

Space Cooler + Fan Coil

- Space cooler boosts heating and cooling output.
- Dry fan coil available, no condensation worries.

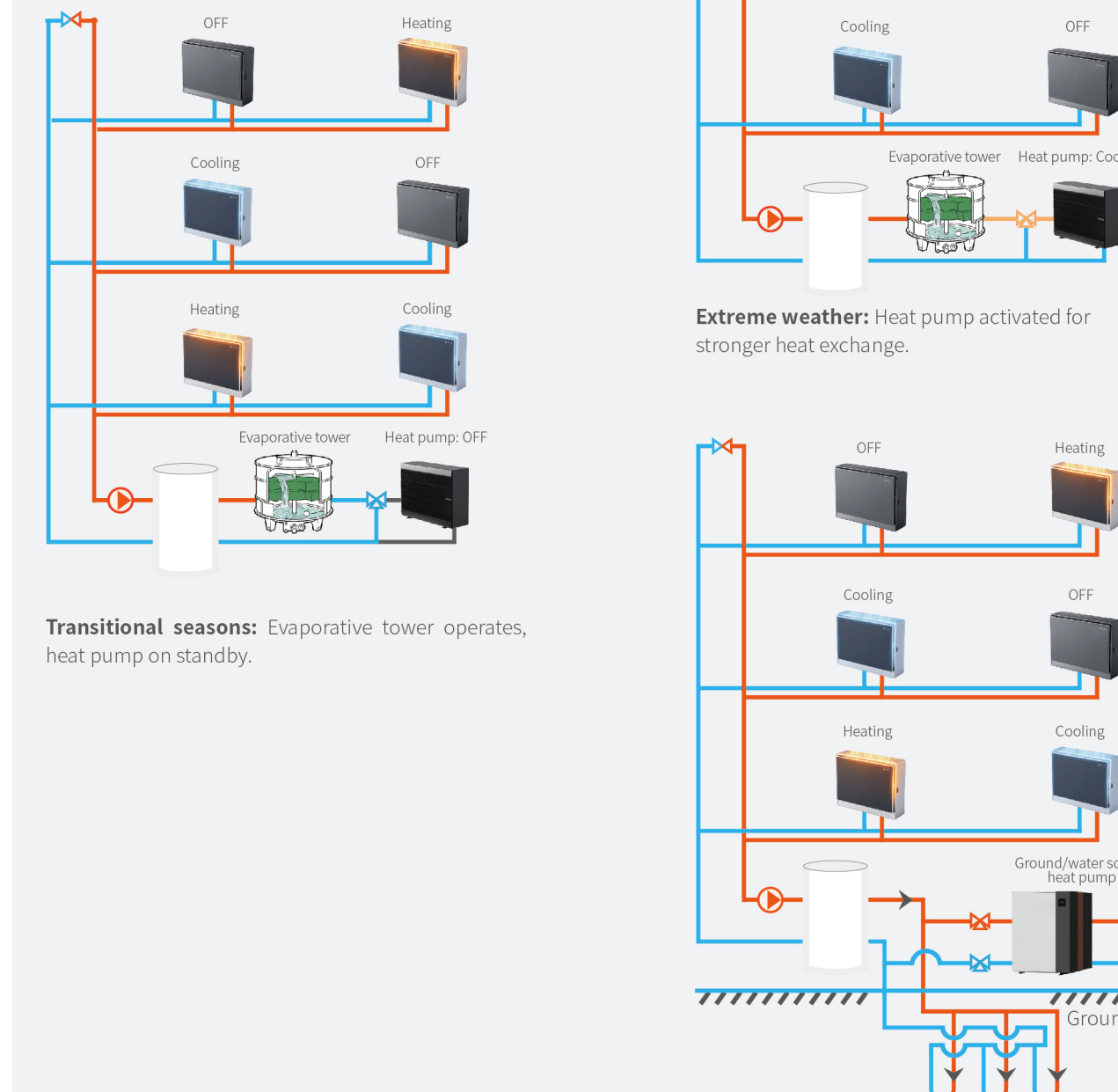
Commercial Application

Space Cooler uses medium-temperature circulating water for heating/cooling. → **Medium-Temp Water = Cost Savings**

- Less heat loss (excellent for long-distance transmission)
- Reduced pipe insulation costs
- Higher heat pump efficiency

Higher Satisfaction

- One water loop enables simultaneous heating & cooling for diverse needs.



Extreme weather: Heat pump activated for stronger heat exchange.

Transitional seasons: Evaporative tower operates, heat pump on standby.

Works with ground loops for **extra energy savings**.

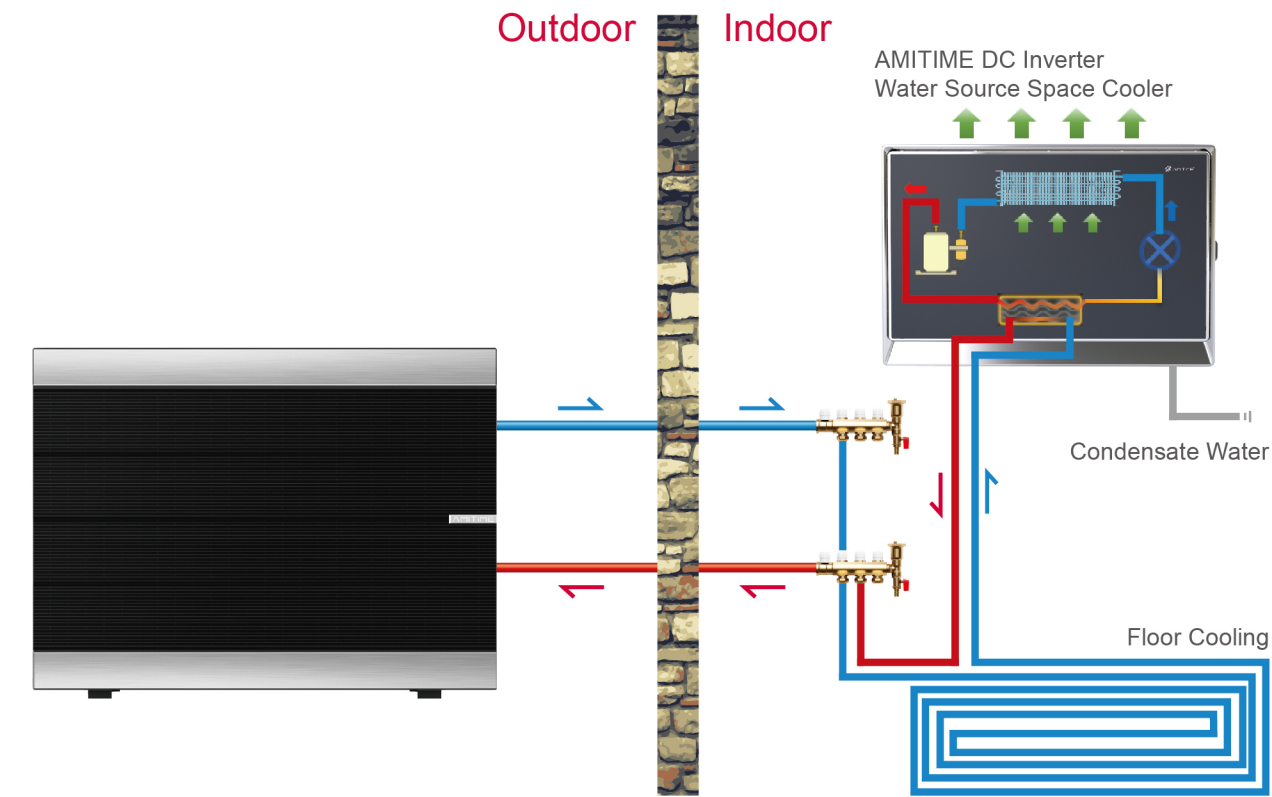


AMITIME DC Inverter Water Source Space Cooler

Enjoy comfort with draft-free cooling and precise humidity control

Space Cooler, a revolutionary innovation designed for European air source heat pump systems, seamlessly integrates with existing heating setups including heat pump units, underfloor heating pipes, and radiators to deliver efficient cooling at minimal cost. Featuring advanced functions such as draft-free gentle cooling, intelligent temperature and humidity control, and a unique independent dehumidification mode, the Space Cooler redefines comfort and outperforms traditional ACs. It provides a more energy-efficient and comfortable temperature control solution, ensuring ideal indoor climates for European homes and commercial spaces all year round.

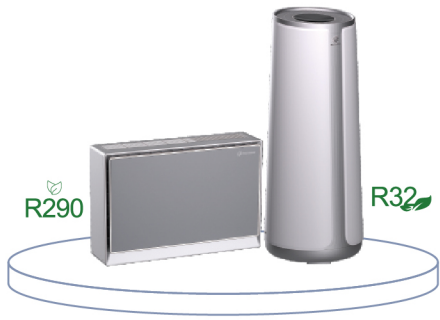
System Diagram



Technical Data

Model			SWFV-02RFAAAGX	SWFV-05RFAAALX
Power supply		-	220V~50Hz	220V~50Hz
Cooling capacity 1		W	1400(800-2300)	5100(2900-5700)
Cooling input power 1		W	200	700
EER 1		W/W	7	7.29
Cooling capacity 2		W	1250(800-2200)	4400(2700-4800)
Cooling input power 2		W	260	980
EER 2		W/W	4.81	4.49
Heating capacity		W	1500(900-2500)	5400(3200-6400)
Heating input power		W	360	1500
COP		W/W	4.17	3.6
Dehumidification capacity 1		kg/h	0.96	3.5
Input power 1		W	180	750
Dehumidification efficiency 1		kg/(h.kW)	5.33	4.67
Dehumidification capacity 2		kg/h	0.88	3.25
Input power 2		W	300	1000
Dehumidification efficiency 2		kg/(h.kW)	2.93	3.25
Air flow rate		m³/h	180	540
Maximum power		W	600	1800
Maximum current		A	3	8.2
Protection class		/	IPX0	IPX0
Refrigerant/charge		type/g	R290/120	R32/600
Rated water flow rate		m³/h	0.3	1.29
Water pressure drop		kPa	10.5	40
Source water temperature range		°C	10-45	10-45
Water pipe connection		G1/2(DN16)		DN20
Noise level	Silent mode (cooling)	dB(A)	29	33
	Standard mode (cooling)		33	45
	Silent mode (heating)		30	39
	Standard mode (heating)		35	45
Net weight		kg	30	45
Net dimensions (L×W×H)		mm	750*233*500	Φ468×1153

Specifications are subject to change without prior notice. For the actual specifications, please refer to the label on the unit.



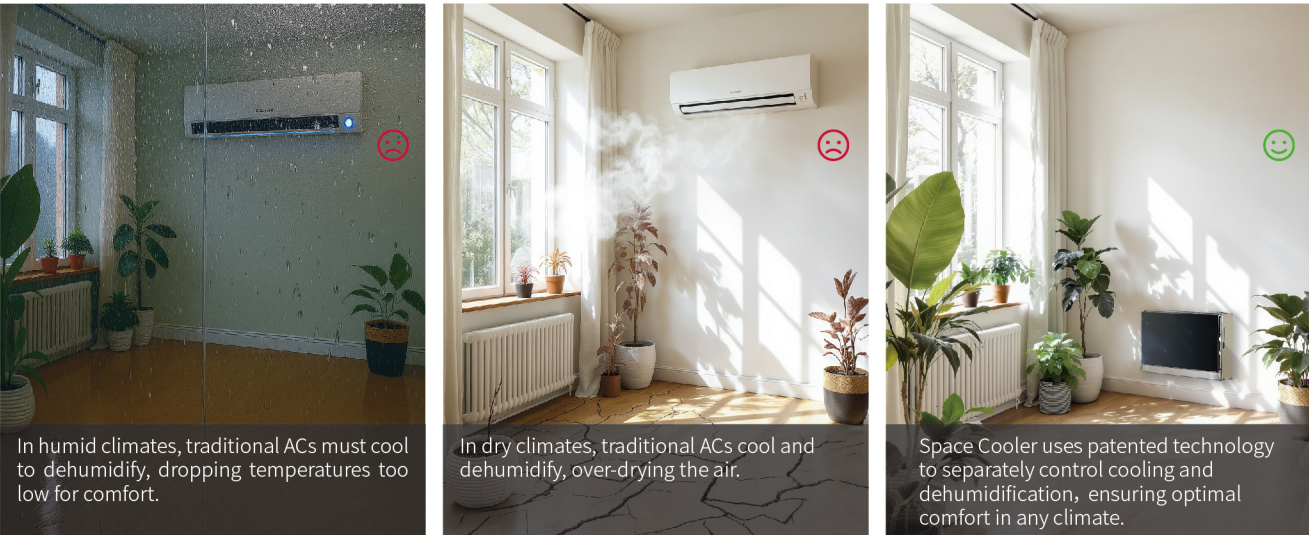
Cost-Effective Dual-Function Upgrade

With a minimal investment, adding a Space Cooler to your existing air source heat pump system instantly unlocks cooling capabilities for the summer. It works seamlessly with heat pump units, underfloor heating pipes, and radiators, transforming your single-purpose heating system into an all-season climate solution that delivers comfortable cooling with cost efficiency in mind.



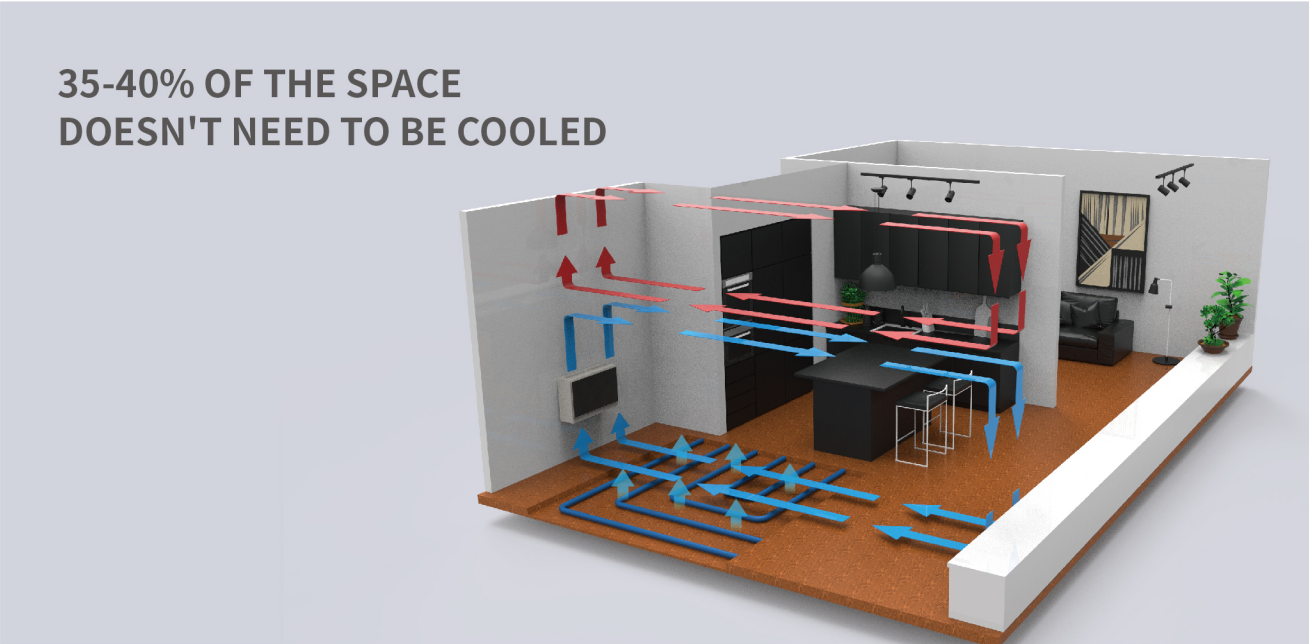
Radiant Cooling for Serene Comfort

Leveraging the radiant cooling of underfloor pipes or radiators, complemented by the subtle upward airflow from the Space Cooler (designed to avoid direct blowing), it achieves uniform temperature distribution. Say goodbye to the discomfort of cold drafts from traditional ACs and embrace a tranquil, gentle, and perfect cooling experience for summer relaxation.



Intelligent Climate Harmony

Equipped with high-precision sensors, the Space Cooler adapts in real time to environmental changes. In low-humidity conditions, while traditional ACs tend to over-dehumidify and cause dryness, the Space Cooler maintains optimal humidity levels. In high-humidity scenarios, unlike conventional units that lower the temperature to dehumidify, the independent dehumidification mode of the Space Cooler operates without lowering the temperature, or can work with customizable cooling, keeping your space perfectly comfortable while saving energy and promoting well-being. (Space Cooler dehumidification technology Chinese patent: 202110943456.1; PCT international application No.: PCT/CN2022/095413.)



Targeted Cooling, Maximum Efficiency

Thanks to an optimized terminal layout, the Space Cooler focuses on cooling occupied zones, eliminating energy waste from cooling unoccupied areas. Compared to traditional ACs, it significantly reduces energy consumption, aligning with European eco-friendly initiatives and helping cut utility bills.

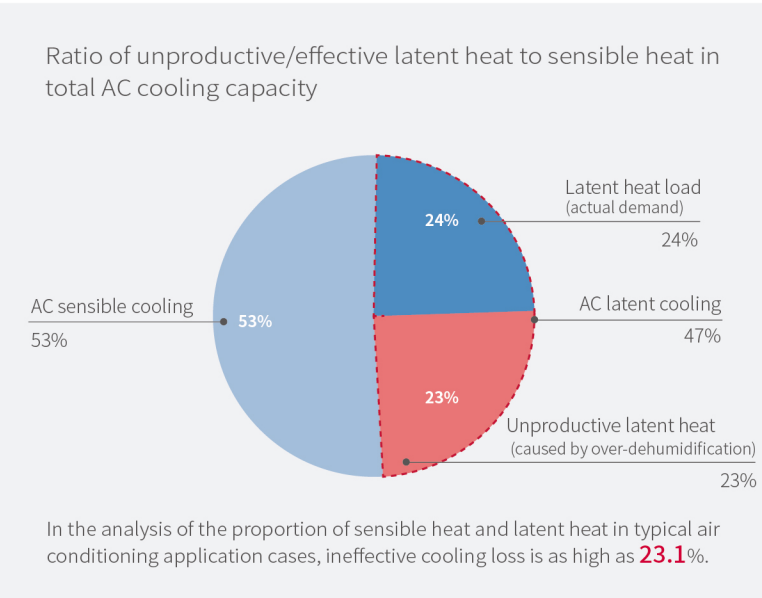


Silent Operation, Unobtrusive Comfort

Advanced noise reduction technology and a refined design ensure that the Space Cooler operates with near-silent performance. Whether you're sleeping soundly at night or focusing on work during the day, it quietly regulates the temperature, providing comfort without any disruption.

Energy-Efficient Dehumidification on Demand

Unlike traditional ACs that waste energy through excessive dehumidification during cooling, the Space Cooler dehumidifies only as needed, this intelligent function ensures optimal humidity levels without unnecessary energy consumption, making it a more sustainable and cost-effective choice.



Precision Zone Control

Supporting independent temperature settings for each room, the Space Cooler enables personalized climate control. Tailor the temperature to specific needs, from maintaining a cozy environment in children's rooms to creating an ideal workspace, ensuring maximum comfort and flexibility.

Effortless Plug-and-Play Installation

Installing a Space Cooler is a breeze. Simply connect its water supply pipeline to the underfloor heating system and mount it on the wall. No complex refrigerant lines, air ducts, or ceiling modifications are required. This straightforward process saves time and resources, allowing you to enjoy efficient cooling without the hassle of extensive installation.