

NAVIZAM

Navizam is a circulating water direct-heated mattress pad. With innovative patented technology, it achieves high thermal efficiency and rapid temperature rise, providing excellent insulation for enveloping users in a cozy layer of warmth.



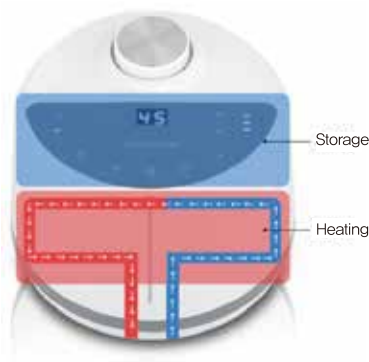
NAVIZAM Water Heated Mattress Pad

Solution for warmth and comfort

Navizam has developed the patented technology of "circulating direct-heating method" through rigorous quality control and research for a perfect night's sleep. It delivers warmth and comfort to the deep layers of your body by adjusting to a comfortable and optimal sleeping temperature.

Moreover, it provides customers with the most perfect sleep solution with no electromagnetic waves and the lowest noise technology for a restful sleep environment.

► Navizam Water Heating Boiler For Water Heated Mattress Pad



No.1 Patented innovative technology in South Korea Circulating direct-heating method

Unlike heating the entire water tank, the circulating direct-heating method minimizes the cumbersome water replenishment period by maximizing the effective capacity of the water tank. It heats only the circulating water in the heater tube built into the the mattress pad.

Navizam's innovative patented technology achieves high thermal efficiency and rapid temperature rise. It reaches the set temperature quickly and quietly within 15 minutes, maintaining excellent insulation for a longer, warmer sleep.



Increased thermal efficiency and energy savings with patented circulating direct-heating method.



Minimized cumbersome water replenishment periods by maximizing the effective capacity of the water tank.



Quickly reaches the set temperature with circulating direct-heating method and flow control.



Analyzed and removed the cause of electromagnetic wave generation in the water heating boiler, eliminating concerns about electromagnetic waves. (Satisfies EMF standards – below 2mG of electromagnetic waves at a distance of 30cm)



Equipped with Voice IC, providing accurate information on operating status through voice for all operations. (Power, steam, reservation, smart, lock, timer)



Large circulation flow rates for uniform temperature distribution on the mat surface.

► Navizam Water Heated Mattress Pad



For Hygienic Sleep Machine-washable Mattress pad

Navizam's washable water heated mattress pad, known for its durability, can be washed entirely, eliminating the need to wash only the cover. The durable heating element, passing more than 10,000 folding tests, ensures that warmth and safety are consistently maintained even after washing. The slim mattress pad can be folded and conveniently stored like a blanket for extended periods



10,000 Folding Tests



Sustained Safety After Washing

► Features of Navizam Water Heated Mattress Pad



Smart IoT App Functionality

Navizam Water Heated Mattress Pad is easily accessible anytime, anywhere through a smart app. By installing the app on your smartphone, you can easily operate it outdoors. It offers customized services such as automatic On/Off and reservation, smart mode, separate heating (for double size), baby sleep mode, , inspection mode, etc., providing customers with the most tailored sleep solution.

Industry's First Electronic Separation Heating

Navizam's patented industry-first innovative electronic separation heating technology allows precise temperature control without temperature deviation on left and right side, using one heater and one motor. User on both sides can set their desired temperature for an optimal sleep.



Hot Pack Mode

Operates the entire water heated mattress pad uniformly at the highest temperature, providing a hot pack effect, and automatically turns off the power of the water heated mattress pad after 2 hours.

Voice Guidance

With Voice IC, all operations are accurately guided through voice, and it offers three-stage volume control.



Lowest Noise in Korea

With a low-noise BLDC motor and vibration damping structure, the mattress pad does not disturb the users' comfortable sleep by operating quietly and quickly at the set temperature.

Touch Display and Non-Glare Dimming Mode

Temperature and function checks are visible at a glance, easily controlled by touch, and the display brightness automatically decreases to 50% three minutes after the final operation input to minimize glare.



10 Safety Devices

- | | | | | |
|---|--|--|--|--|
|  Overcurrent protection fuse |  Overheat protection temperature fuse |  Overheat protection switch |  Hot water temperature detection sensor |  Self-diagnosis mode |
|  Water shortage detection sensor |  12-hour timer |  Anti-freeze function |  Lock mode function |  Tilt prevention conduction |

One-touch quick coupler for easy attachment and detachment

The water heating boiler and mattress pad can be easily and conveniently connected with a one-touch connection. It ensures safety by not easily detaching even in case of external impact or pulling.



NAVIZAM Water Heated Mattress Pad

Washable Water Heated Mattress Pad

IBM-400 Series

- IBM-410W/415DW/410W(IoT)/415DW(IoT)



Product Composition

Model name		IBM-410W	IBM-415DW	IBM-410W(IoT)	IBM-415DW(IoT)
Brand name		NAVIZAM			
Manufacturer		Intertec Co., Ltd.			
Country of manufacture		South Korea			
Rated Voltage		120~220V / 50~60Hz			
Power Consumption		300W			
Power Cord Length		1.5M			
Mattress	Specifications	1100x1900mm	1500x1900mm	1100x1900mm	1500x1900mm
	Weight	2.5kg	3.0kg	2.5kg	3.0kg
	Color	Grey (Semi-microfiber fabric)			
Boiler	Specifications	200x250x160mm			
	Weight	1.5kg			
	Color	White & Grey (Default)			
	Capacity	Maximum 0.52L			
Safety Features		10-point Safety System			
Boiler Type		Direct Circulation Water Heating (BLDC Motor + Circulation Water Heating)			
Maximum Setting Temperature		60 °C			
Certification		KC certification, EMI certification, CE, FCC, EAC, ISO9001			
Separate Heating System		X	O	X	O
IoT (App)		X	X	O	O

IBM-300 Series

- IBM-310W/315DW/310W(IoT)/315DW(IoT)



Product Composition

Model name		IBM-310W	IBM-315DW	IBM-310W(IoT)	IBM-315DW(IoT)
Brand name		NAVIZAM			
Manufacturer		Intertec Co., Ltd.			
Country of manufacture		South Korea			
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Power Consumption		300W			
Power Cord Length		1.5M			
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Maximum Setting Temperature		60 °C			
Certification		KC certification, EMI certification, CE, FCC, EAC, ISO9001			
Separate Heating System		X	O	X	O
IoT (App)		X	X	O	O