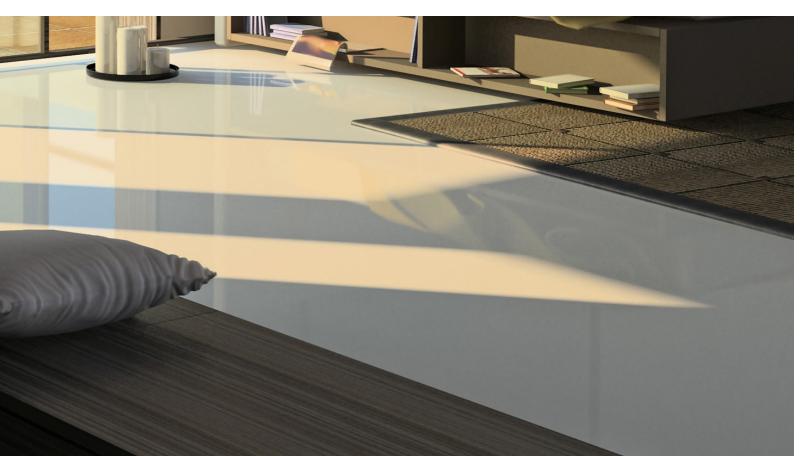


Electric Fan Heater that won a presidential award for new technology

Electric Instantaneous Water Heater presenting new technology and concept

Boiler with new technology and concept made of a new TCM material









Raonics Electric Instantaneous Water Heater



Raon Mini Boiler



Raon Premium Boiler



Raon Heater







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Raonics Product Catalog

Products of Raonics will make your day pleasant.





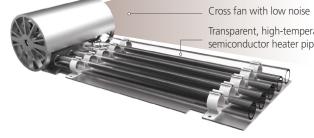
"We protect your skin health with differentiated technologies."





This fan heater is an electric heater that uses radiation to prevent freezing and bursting. This convenient heater is suitable for any places, including bathrooms.

/ Internal structure of fan heater /



Transparent, high-temperature miconductor heater pipe

Cutting-edge technology

A cutting-edge, transparent, high-temperature semiconductor heater is used This heater saves energy by using heat gathered in a high place. The maintenance to prevent oxidation and corrosion for a long time. The maintenance cost is cost is saved by 40~45% compared to LPG and oil prices. lowered because the heater does not have to be replaced.

Comfort

This heater applies heat radiation, which is almost free of indoor oxygen shortage. It uses a fan without noise for comfortable and quiet heating.

Durability

This heater has a slim size and does not require separate space. It is suitable for any indoor space and does not break down easily.

/ Specifications /

Economic feasibility

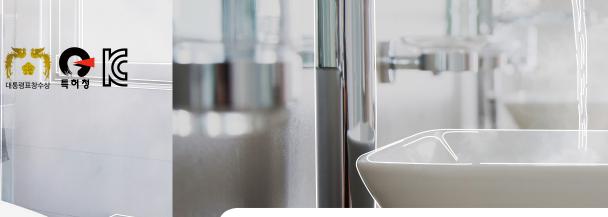
Safetv

A super-high temperature insulator is used inside the heater to remove the risk of fire. A dual safety device is designed to ensure the safety in overheating and dangerous situations.

Easy installation and fast A/S

Anyone can install the heater easily. Customers can receive fast A/S through service centers and agencies around the nation.

| | Model name | HB-008 | HB-010 | HB-012 | HB-015 | |
|----------------------------|-------------------------------------|-----------------------------------|--------|--------|--------|--|
| Heater power (w/h) | | 800 | 1000 | 1200 | 1500 | |
| Heating value (Kcal/h) | | 688 | 860 | 1032 | 1290 | |
| Recommended temperature | Indoor heating | 23°C - 25°C | | | | |
| | Prevention of freezing and bursting | 10°C - 15°C | | | | |
| Heating area (m2) | Indoor heating | 5 | 7.6 | 8.9 | 10.6 | |
| | Prevention of freezing and bursting | 8.3 | 10.6 | 13.2 | 16.5 | |
| Rated voltage | | 220V, single phase | | | | |
| Weight (kg) / Dimensions | | 2.1(kg) / 200(W) x 93(D) x 330(L) | | | | |



New material, technology, and concept that won a presidential award Raonics **Electric Instantaneous Water Heater**

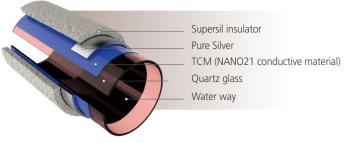
/ Ultra-small and slim size /

This water heater is suitable for any environment and easy to install because of ultra-small and slim size and simple design.



/ Electric Instantaneous Water Heater that applied a heating unit of new technology and concept /

TCM heating units are new transparent, high-temperature semiconductor heating units with corrosion-proof and excellent durability. These heating units have improved the weaknesses of metallic heating units by performing sprayed thin-film coating of NANO21, a transparent conductive material, on the surface of non-conductive ceramic or heat-resistant glass.



/ Specifications /

| ltem | WH-035 | WH-065 | WH-090 | WH-105 | | |
|--|--|------------|--------|--------|--|--|
| Power consumption (kw/h) | 3.5 | 6.5 | 9.0 | 10.5 | | |
| Heating value (Kcal/h) | 2,891 | 5,369 | 7,434 | 8,673 | | |
| Hot water supply (& /min) | 2.7 | 3.4 | 4.7 | 5.5 | | |
| Input temperature (°C) | 20 | | 10 | | | |
| Output temperature (°C) | 40 | 40 | | | | |
| Temperature difference ($\Delta T^{\circ}C$) | 20 | 30 | | | | |
| Hot water supply time (sec) | Hot water supply time (sec) | | | | | |
| Rated voltage (V) | 220V /240V (50Hz – 60Hz), single phase | | | | | |
| Operating water pressure (kgf/cm2) | | 0.2Kgf/cm² | | | | |
| Weight (Kg) | 4.2/EA | | | | | |
| Installation type | Wall-mounted | | | | | |

* Output temperature may differ according to flow and velocity.

Size : 397(W) x 119(D) x 268(H) / mm





대통령상 수상기술

/ Raonics Electric Instantaneous Water Heater that can be used reliably for a long time without breakdown /

TCM heating units are the core parts that determine semi-permanent use of the water heater.

| Fast supply of clean hot water by 8 TCM heating units! | |
|--|--|
|--|--|

New technology and concept made of a new TCM material

Raonics **Boiler**

RAON MINI BOILER Raon Mini Boiler

/ Raon well-being floor heating system /



Raonics Boiler can be connected to various hot water panels in places without heating pipes to provide for simple traditional floor heating of Korea. This new heating system offers warm and pleasant heating at a low cost.

/ Recommended to these people! /

Aged parents who need a warm room

People who do not have heating pipes and heating systems People who are concerned about heating expenses People who want fast heating free of electromagnetic wave People looking for partial heating People who need heating for postnatal care of a mother



/ Specifications /

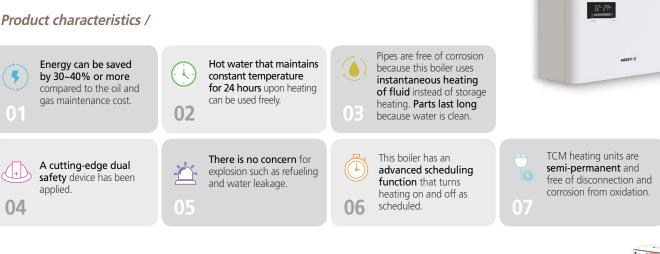
| Model name | | NX-02 | NX-03 | NX-04 | NX-05 | NX-08 |
|--|-------------------------------------|--------------------|--------------|---------------|-------|--------|
| Heater power (w/h) | | 2 | 3 | 4 | 5 | 8 |
| Heating value (Kcal/h) | | 1,720 | 2,580 | 3,440 | 4,300 | 6,880 |
| Heating area (m2) | Indoor heating | 20 | 30 | 40 | 50 | 80 |
| | Prevention of freezing and bursting | 13 | 20 | 26 | 33 | 53 |
| Hot water volume (ΔT35℃)40℃ | | Not applicable | | | | 2200/h |
| Uses | | Heating only | | | | |
| Power specifications | Heater power | Single phase, 220V | | | | |
| | Control power | | | | | |
| I | nstallation type | | | | | |
| Dimensions (length x width x thickness / mm) | | | 350(W) x 450 | D(H) x 125(D) | | |

* Heating area may differ according to the insulation status and climate of the location, such as the nation and region.

* Hot water temperature can differ according to discharge.

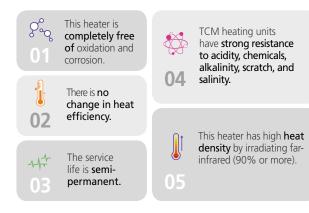
RAON PREMIUM BOILER Raon Premium Boiler

/ Product characteristics /



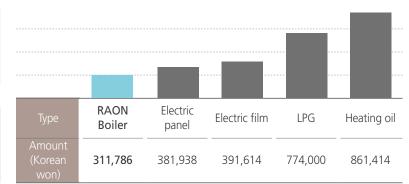
RAON HEATER Raon Heater

/ Product characteristics /



/ Comparison of heating according to energy use /

* For 100m2 / Heating index: 430kcal / Heating time: Operated 10 hours a day



* The cost may differ according to the installation area, outer air temperature, and insulation status.

| NX-09 | NX-10 | NX-12 | NX-15 | NX-18 | NX-20 | NX-22 | NX-25 |
|--------|--------------------|---------------------|----------|--------|--------|--------|--------|
| 9 | 10 | 12 | 15 | 18 | 20 | 22 | 25 |
| 7,740 | 8,600 | 10,320 | 12,900 | 15,480 | 17,200 | 18,920 | 21,500 |
| 90 | 100 | 120 | 150 | 180 | 200 | 220 | 250 |
| 59 | 66 | 80 | 100 | 120 | 130 | 145 | 165 |
| 2200/h | 240≬/h | 300≬/h | 360≬/h | 450ℓ/h | 490≬/h | 530Q/h | 600≬/h |
| | He | ating / hot water o | nly | | | | |
| | Single pl | hase, 220V / 3-pha | se, 380V | | | | |
| | Single phase, 220V | 1 | | | | | |
| Wall-m | nounted | | | | | | |
| | 600 | D(W) x 720(H) x 200 | D(D) | | | | |