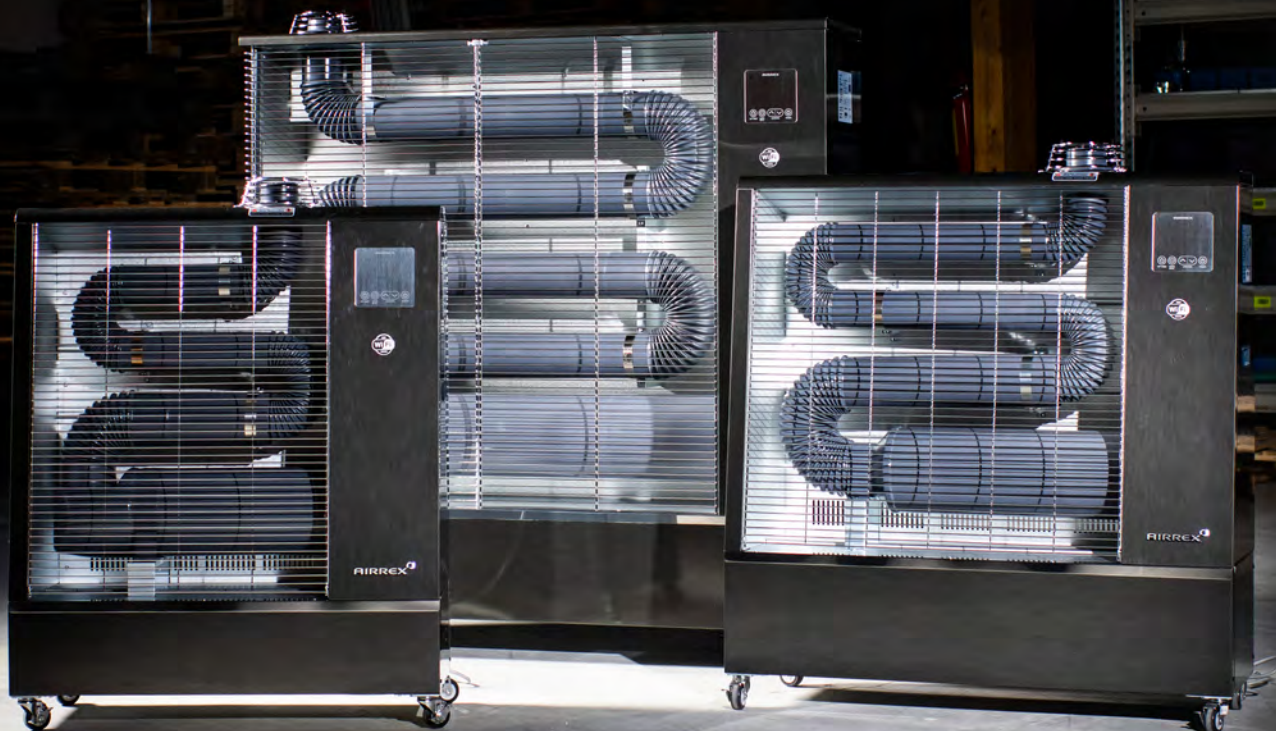




HEATING, COOLING AND DEHUMIDIFICATION

# AIRREX<sup>®</sup>

**PROFESSIONAL'S CHOICE**

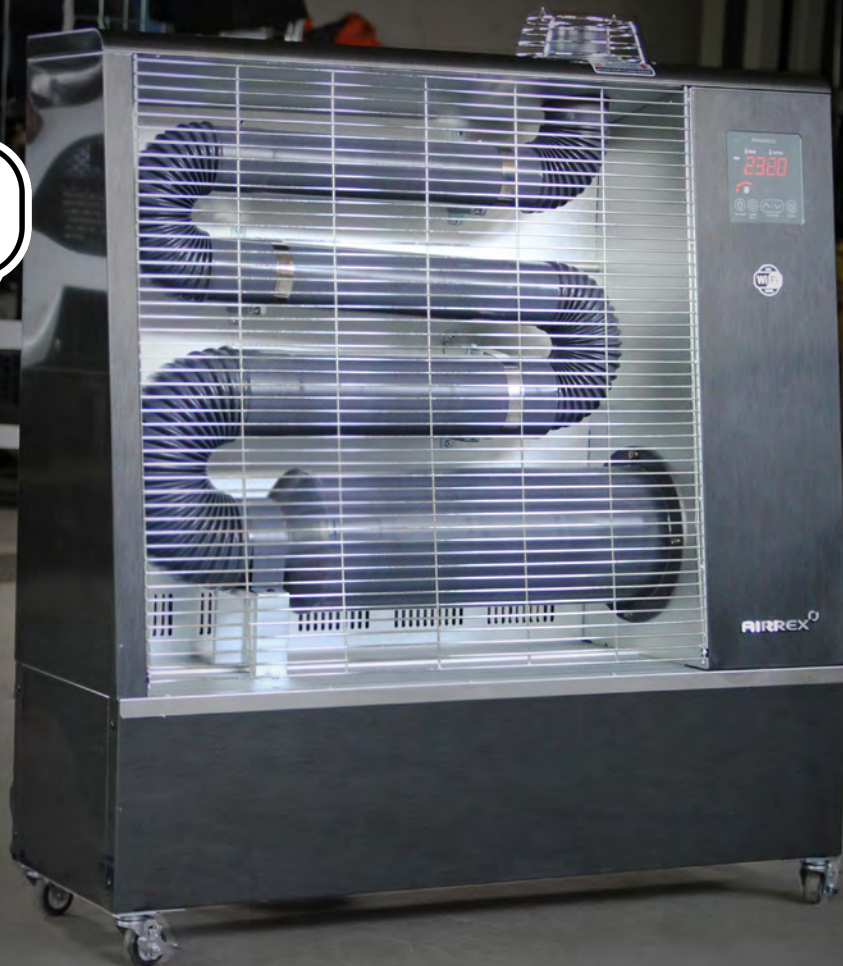


**MARKET LEADER IN  
INFRA HEATING**



**EFFICIENT COOLING UNITS  
AND DEHUMIDIFIERS**





## WHY AIRREX?



**DOES NOT EMIT BURNING  
SMELLS**



**LOW  
CONSUMPTION**



**NO NEED FOR AN  
EXHAUST PIPE**



**NO FAN,  
NO DUST**



**TEMPERATURE  
ADJUSTMENT RANGE  
(0-40°C)**



**BIODIESEL, DIESEL OR  
RED DIESEL**



**CASTOR WHEELS,  
INSTALLATION IS NOT  
REQUIRED**



**QUIET,  
ONLY 48 DB**

# AIRREX-HEATERS

## IMPROVED FEATURES

### WIFI / 4G CONNECTION

Can also be used without WiFi



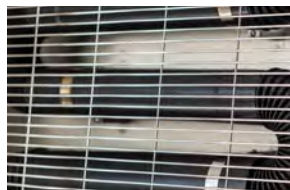
### COMPLYING WITH THE NEW EU EMISSIONS DIRECTIVE



### AUTOMATIC RESTART AFTER POWER FAILURE



### STRONGER PROTECTIVE GRID



### NEW TANK, DENSER LID



### RENEWED BURNER AND PIPING SYSTEMS



### GRAPHITE GREY COLOUR



### NEW CONTROL PANEL WITH MIRROR-LIKE SURFACE



## HOW DOES AIRREX WORK?

### ADVANCED BURNER

The device has a patented oil burner with an electric fuel pump that circulates the combustion gases through pipelines with ceramic coating and create heat as infrared radiation.

### COMPLETE COMBUSTION

The triple combustion process ensures complete and clean combustion. Normal ventilation is sufficient.

### EFFECTIVE SOUND ATTENTION

The silencing system inside the exhaust pipe that compresses and expands the exhaust makes AIRREX very quiet - only 48dB.

### TOUCH CONTROL

Simple soft-touch control panel with LED display and remote control.

### FUEL

Biodiesel, Diesel or Red Diesel.

## CONSUMPTION EXAMPLE - AH300i

- › Insulated industry hall 500m<sup>3</sup>
- › Temperature outside: -0°C
- › Temperature inside: +15°C
- › Fuel consumption approx. 2,5 l / day





## DIESEL DRIVEN INFRARED HEATERS WITH LOW CONSUMPTION!

### AIRREX AH-200i

Best suited to heating spaces like terraces, garages, and greenhouses.

### AIRREX AH-300i

Best suited to heating spaces like workshops, halls, warehouses, event tents and terraces

### AIRREX AH-800i

Best suited to heating spaces like large workshops, industrial halls and event tents.



## COMPARISON TABLE

		AH-200i	AH-300i	AH-800i
Heating Capacity	kW/h - Btu/h	13kW/h = 44356 Btu/h	15kW/h = 51180 Btu/h	22kW/h = 75064 Btu/h
Suitable for spaces up to	m <sup>3</sup>	900	1500	2000
Fuel consumption (continuous heating)	L/h	0,95 - 1,14	1,05 - 1,24	1,71 - 1,9
Fuel		Biodiesel, Diesel, Red Diesel		
Fuel tank volume	l	25	45	70
Fuel heating		●	●	●
Power consumption		Ø 1 x 230V x 50Hz		
Power consumption	W	80W		
Temperature adjustment range	°C	0-40		
Noise level	dB	48		
Dimensions (W x D x H)	cm	78 x 30,5 x 94,5	95 x 30,5 x 101	130 x 35 x 134
Weight	kg	40	46	81
Spare parts warranty		●	●	●
Compliant with the EU's emissions regulations		●	●	●
Wi-Fi (4G-connection option)		●	●	●

## FAQ

### IS AIRREX SAFE?

AIRREX is a very safe heater; it has twelve different safety systems such as odor prevention system, fuel level, tilt, overheating, security system and automatic shutdown.

### HOW DO I INSTALL AIRREX?

The AIRREX infrared heater does not require a separate installation. Load fuel into the tank, insert the plug into the wall and AIRREX is ready to use. The wheeled heater is easy to move where you want.

### CONTROL REMOTELY WITH WIFI

In the AIRREX app you can see real-time information, for example, the temperature in the room being heated, the amount of diesel and whether the heater is running or not. Informative messages are also displayed in the app. The heater can be connected to an existing WiFi

network. If there is no WiFi network, it can be connected directly to the mobile phone network with any 4G router. The heater can also be used without WiFi.

### HOW MUCH IS THE POWER CONSUMPTION?

When the heater starts, it takes 85W. After the start, it only takes 60W an hour.

### WHY DOESN'T AIRREX SMELL?

When the fuel used is almost completely incinerated, it generates no odor or hazardous emissions. Carbon monoxide is formed during incomplete combustion, that is, when combustion occurs with too little oxygen. In complete combustion, no carbon monoxide is formed. AIRREX's product development history goes back over 30 years, so the heater's function has been fine-tuned very carefully.

### DOES THE HEAT SPREAD EVENLY?

Yes. Infrared heat is spread evenly and very far. Many people have an idea that a fan is needed for the heat transfer, for example, to get the heat all the way to the other end of the hall. No fan is needed – the infrared heater heats up materials, walls, floors and all other materials in the space.



**NOW YOU CAN ADJUST THE TEMPERATURE, VIEW MESSAGES AND THE AMOUNT OF FUEL DIRECTLY IN YOUR SMARTPHONE!**

› *AIRREX is the market leader in fuel-driven infrared heaters.*  
› *AIRREX infrared heaters have already been manufactured for almost 30 years and the factory's product development department employs about 40 people.*  
› *Ventilation in accordance with building regulations is sufficient.*  
› *Infrared radiation heats up the material instead of the air. The heat is even and no fan is needed.*  
› *Warranty maintenance is always carried out at the customer's premises – simple and carefree!*  
**REMEMBER TO REGISTER YOUR PRODUCT AT [rexnordic.com](http://rexnordic.com) to fully enjoy your warranty**





## ORIGINAL AIRREX SPARE PARTS



### SERVICE KIT

Maintenance should be carried out annually on AIRREX heaters and REXENER PR200 heater. Includes fuel filters, gaskets, nozzle and manual.

AH200/AH300 **AH10046**, AH200i/AH300i **AH10180**,  
AH800/AH800i **AH10047**, PR200 **REX10065**



### PROTECTIVE FRAME

The AIRREX protective frame protects the heater from dents caused by heavy use. The big wheels underneath make it easier to move the heater in challenging conditions.

AH300/AH300i **AH10109**  
AH800/AH800i **AH10112**



Automatic stop-function

### BATTERY-POWERED FUEL TRANSFER PUMP

With this pump, the transfer of fuel from canister to another or, for example, to an AIRREX heater or REXENER PR200 fuel tank is very easy. The pump is able to transfer about 4000l of liquid with two D-series batteries. **DP08EA**



### TROLLEY

With large wheels and a detachable draw bar. The heater can be used when it is on the trolley.

AH200i/AH300i **AH10116**  
AH800i **AH10117**





### **ULTRA PERFORMANCE DIESEL OPTIMIZER**

Prevents bacterial growth in diesel. **REX10064**



### **DIESEL CHOCK**

Prevents the growth of bacteria and kills existing bacteria from the fuel tank within 24 hours. **REX10074**



### **AIR NOZZLE**

If the air nozzle is extremely sooty, the burner has been affected by a lack of ventilation and it requires changing. **AH10028**



### **FUEL FILTER**

Fuel filter for AIRREX heaters must be replaced at least once a year depending on usage. **AH10017**



### **PIPE EXTENSION**

Do you want to take the fuel gases out or redirect them somewhere else? Suitable for fuel-driven AIRREX heaters and REXENER PR200 water heater.

**AH10168 / AH10169 / AH10167 / AH1069 / AH10177**

**AH10167:** Diameter 80mm. 90 degree angle.



### **SILENCER**

Silencer for AIRREX heaters. Placed over the exhaust pipe, the silencer reduces the noise made by the heater by approximately 2 dB. **AH10106**



### **LTE ROUTER 4G**

4G LTE-router for AIRREX i-model heaters. With the LTE Router, you can use the i-model heaters remotely with the AIRREX application, even if the heated room does not have a WiFi network. In addition to the 4G router, you also need a MINI SIM card. **AH10178**





## AREAS OF USE

Terraces, balconies, barns, guest houses, caravan tents, barracks, offices, summer cottages etc.

# ELECTRIC INFRARED HEATER

### AIRREX AH-720

Patented electric heating solution for efficient and comfortable heating. Infrared radiation heats up the material instead of the air, making the heat feel like the sun's heat. The heating capacity of the heater can also be enhanced with a built-in fan.

The light heater is equipped with wheels and does not require fixed installation. AH-720 has a over voltage and overheating protection, tilt sensor that switches off the heater if it falls, and protective earth.

*AIRREX AH-720 Does not require fixed installation.*

- › Recommended area for heating: Ca 10-50 m<sup>2</sup> (room height Ca 2,5 m)
- › Thermostat controlled
- › Remote control
- › Timer 0-24 hours

### TECHNICAL INFORMATION

- › Heating capacity : 2,8 kW (Infra Plate 1,6 kW, halogen 1,2 kW)
- › Power consumption: 11,8 A
- › Fan capacity: 2,0 m<sup>3</sup> / min
- › Electrical connection: 1-phase, 230 V, 50 Hz
- › Dimensions (W x D x H): 540 x 290 x 800 mm
- › Weight: 15 kg





## AREAS OF USE

Factories, metal workshops, workshops, welding stations, machine rooms, computer and server rooms, stages, kitchens, office premises, etc.

# MOBILE COOLING UNITS

### AIRREX COOLERS

AIRREX cooling units produce cool air quickly thanks to their high flow rate and efficient heat exchangers. Works best for spot cooling. It is possible to extend the pipes with optional extensions from 10-30 meters.

### MOBILE

Easy to move to where the cooling is needed. No fixed installation required

### EASY TO USE

Clear digital display with controls for e.g. temperature and air volume.

### WASHABLE FILTERS

Metal mesh filters are easy to wash with water. This prevents the machine from clogging.

### ENERGY EFFECTIVE

Relatively low energy consumption.  
2,5 kW / 3,0 kW / 8,5 kW

### SECURITY AND SAFETY

Condensate container overflow protection, condensate container fall leakage protection, overpressure / underpressure protection, 3 min. cooling delay, compressor overheating protection, fan motor protection system.



# AIRREX COOLING UNITS



Remember to register your product at [rexnordic.com](http://rexnordic.com) to fully enjoy your warranty



## COMPARISON TABLE

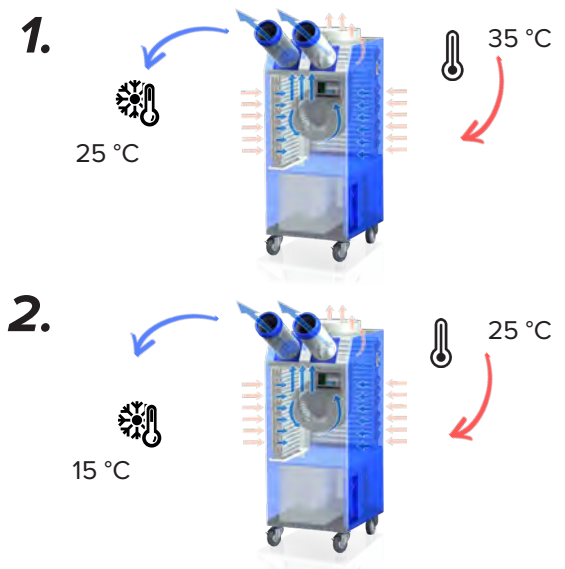
		HSC-2500	HSC-3500	HSC-5000A
Cooling capacity	Btu/h	21 000	25 000	60 000
	kW/h	6,150	7,330	17
Power connection		Ø1x230Vx50Hz		Ø 3 x 380/420 V x 50 Hz
Measurements (W x D x H)	cm	49 x 60 x 128,6	49 x 60 x 128,6	74 x 140 x 151,6
Weight	Kg	86	90	250
Starting Power	A	45	57	72
Operation Power	A	11	13	13
Energy Consumption	kW	2,5	3,0	8,5
Compressor effect	kW	1,95	2,35	5,6
Noice Level	dB	62	63	65
Fan Air Volume	m <sup>3</sup> /min	11~13	14~16	40
Heat Exchanger Air Volume	m <sup>3</sup> /min	22~26	26~30	80
Motor's Power output	kW	0,38	0,44	0,75
Air Filter		Metallnåtsfilter		
Maximum permissible pressure	mmAq	30	30	50
The length of the power cord	m	3	3	10
Blowing speed of the air	m/s	11,5~10	11,5~8,5	14
The temperature difference of the air	°C	9,5~11	9,5~11	12
Refrigerant	Kg	R-407c(0,7)	R-407c(1,2)	R-410A (3.5)
Operating temperature min-max	°C	25 °C DB 60% RH ~ 45 °C DB 40% RH		
Maximum length of cooling pipe	m	10	10	30

### EXAMPLE OF A COOLING PROCESS

The cooling units in the HSC series cool the incoming air by 10 degrees. If the hot air is removed from the room with an exhaust air hose, the cooling process will be more efficient. The colder air in, the colder out.

1. The air in the room is 35 ° C. The outgoing air is cooled down to 10 ° C, i.e. the outgoing air is 25 ° C.

2. The air in the room has cooled to 25 degrees. The outgoing air is then 15 ° C.





## AIRREX HSC-2500 & HSC-3500



**TRANSFER PIPE / COLD AIR**  
Flexible extension pipe for cold air.  
Diameter 125 mm.  
3m **HSC10017**  
10m **HSC10018**



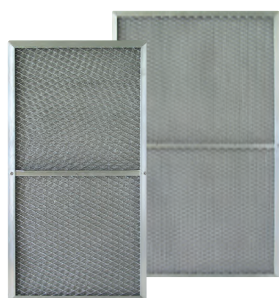
**COMPRESSION PIECE FOR COLD AIR**  
With the compression piece, you reduce the exhaust air outlet so that it fits the exhaust air hose.  
**HSC10020**



**EXTRACT AIR HOSE FOR WARM AIR**  
Diameter 300 mm, length 5m.  
This hose fits as a replacement directly to the compression piece.  
**HSC10019**



*Warm air is led out through a ventilation duct or a window. The exhaust hose for hot air (5 m) and the compression piece are sold separately.*



**METAL FILTER**  
Side Filter **HSC10014**  
Back Filter **HSC10015**



**PIPE PARTS FOR COLD AIR PIPES**  
Pipe end piece **HSC10005**  
Pipe Extension **HSC10030**  
Pipe fitting **HSC10024**



**AUTOMATIC CONDENSATE WATER PUMP** Drains the condensate, e.g. directly into the drain, so that the water in the condensate container does not need to be emptied separately. **HSC10002**



*Kylaggregatet innehåller en behållare*

*About 2.5 liters of condensation water is formed per hour (depending on temperature and humidity), so the container should be emptied a few times a day.*

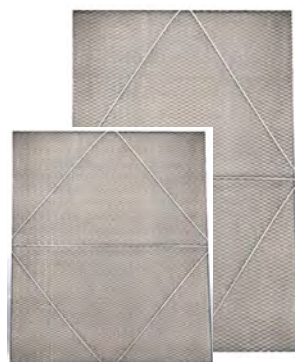
## AIRREX HSC-5000A



**EXTENSION PIPE FOR COLD AIR**  
Diameter 175 mm  
3m **HSC10051**  
10m **HSC10053**



**PARTS FOR COLD AIR PIPE**  
Pipe end piece **HSC10052**  
Pipe Extension **HSC10054**



**METALLFILTER**  
Side Filter **HSC10066**  
Back Filter **HSC10065**



**EXTRACT HOSE FOR HOT AIR**  
Exhaust pipe for hot air, diameter 400mm, length 5m. Does not require compression piece.  
**HSC10027**

## FOR ALL HSC-MODELLER



**TEMPERATURE SENSOR**  
The temperature sensor is moved to a space that needs to be cooled when the device is in another room.  
**HSC10008**



**REMOTE CONTROL**  
Cabel 9,5m. **HSC10001**

## AREAS OF USE

Repair of water damage, drying of the frame, control of moisture in various spaces, gyms, warehouses, new buildings, etc.

## TECHNICAL INFORMATION

### WORK SURFACE

max ca. 528 m<sup>2</sup>

### MOISTURE REMOVAL CAPACITY MAX

140 L / dygn (30 °C / 80 %)

### MOISTURE REMOVAL CAPACITY, AVERAGE

80 L / dygn (27 °C / 60 %)

### POWER CONSUMPTION

2,1 kW (35 °C / 60 %)

### OPERATING CURRENT

9,6 A (35 °C / 60 %)

### CONNECTION

1-fas, 230 V, 50 Hz

### SCOPE

5 – 35 °C, 30 – 90 % RH

### NOISE LEVEL

53 dB

### WEIGHT

60 kg

### MEASUREMENTS

(W- x D x H): 500 x 480 x 1000 mm

### STOP TIME

24 h / 0,5 h serier

## INDICATION FOR

# DEHUMIDIFICATION

### AIRREX ADH-1000

Dries quickly and ensures effective moisture control! Airrex can be adjusted to automatically maintain the desired humidity level.

### EFFECTIVE

The moisture removal capacity is at best 140 l/day.

### MOBILITY

Airrex has a handle that makes it easier to move the dehumidifier. The dehumidifier also has wheels on the front and back.

### WATER REMOVAL

The unit has a built-in condensate pump that pumps water up to 5 meters upwards when needed.

### RETENTION

The air filter can be easily cleaned by removing the filter from the device and then cleaning it with water or compressed air.

### SECURITY/SAFETY

The dehumidifier has five safety devices. Safety switch for overpressure and underpressure, three-minute switch-on protection for the compressor, compressor overheating protection, protection against condensation water overflow, automatic defrosting.



**Remember to register your product at [rexnordic.com](http://rexnordic.com) to fully enjoy your warranty**





## THE OFFICIAL AIRREX AND REXENER ***SERVICE NETWORK***

### **REX NORDIC SERVICE**

We are the official service agent for AIRREX and REXENER products. The service personnel is trained by the manufacturer and we only use original spare parts. Our well-equipped service vans are easy to order on-site, wherever you need.

### **WHY SHOULD YOU USE OUR SERVICE?**

1. We are the only official service provider in the UK for AIRREX and REXENER products.
2. We only use original spare parts.
3. All spare parts are available in our warehouse.
4. Competent, professional and friendly service staff.
5. You get fast, high-quality service.
6. We will come to you to - easy and effortless!

### **SERVICE VISIT**

Does your machine need service? Our well-equipped service car and trained technicians will come to you and service your machine.

### **UNDER WARRANTY WORK**

The warranty work is always performed at the customer's premises at no additional cost. Fuel-powered heaters have a 3-year warranty and cooling units have a 2-year warranty.

### **CONTACT US**

013 553 773 70  
Service@rexnordic.com

### **SEE PRICE LIST AND BOOK SERVICE!**

» [rexnordic.uk/service](https://rexnordic.uk/service)





# REXENER

PREMIUM HOT TUBS FROM THE NORTH

*REXENER high-quality hot tubs are handmade in Finland, out of fiberglass and real, certified Finnish wood. They heat up in only two hours with a touch of a button - with market's most energy efficient heating system - REXENER Bioheater.*

*REXENER hot tubs are designed for year-round use, they are easy to maintain and clean. UV light and filtration system keep water clear for months. HSG282 compatible. Available with a jet system and LED lights or as a traditional wood-fired version.*



*Fast heating.  
from 7 to 38 C°  
in only 2 hours*



*UV light and  
filter - clear  
water for a long time*



*Designed for year-  
round use*



*Hand made  
in Finland from  
certified finnish  
wood*



*Peace of mind -  
we are at  
your service*



# REXENER HOT TUBS

Quick - Easy - Clean

## REXENER *Aurora*

*Luxury hot tub with lights and advanced technology!  
Beautiful Arctic White fibreglass.*

*In addition to the **REXENER Bioheater**, e.g. circulating water pump, colour changing LED-light, bacteria killing UV-light and mass filter are included; water stays clear for a long time.*



## REXENER *Polar*

*The best features of luxury hot tubs with air jet system!*

*In addition to the great features of the REXENER Aurora, the REXENER Polar has a bubble system. You can choose the Arctic White or Gabro Black fibreglass.*



## REXENER *Silence*

*Traditional and atmospheric hot tub. Dark and stylish Gabro Black fibreglass.*

*The REXENER Silence hot tub has everything essential but nothing too much. Delivery includes a quality hot tub in addition to the **efficient wood stove**.*



**WARM HOT TUB IN JUST 2 HOURS – WITH A PUSH OF A BUTTON!**



## REXENER *Bioheater*

*Press the button and adjust the temperature: the REXENER Bioheater will heat up your hot tub or swimming pool energy efficiently in no time. The REXENER Bioheater keeps the water temperature constant.*

*Included in the REXENER Aurora and REXENER Polar hot tubs. Also sold separately – replace your old wood stove!*

### EXAMPLE OF CONSUMPTION

- Tub water volume: 1,500 L
- Heating time from +7 °C to +38 °C approx. 2 h
- Consumption only 4 liters

*Can be installed in any hot tub in the market!*

# HOW CAN WE HELP?

## WE ARE HERE FOR YOU



**AIRREX** 

**REX**NORDIC  
rexnordic.com

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