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# PROFESSIONAL'S CHOICE

## Heating, Cooling and Air Purification Products



AIRREX is the market leader in fuel-driven infrared heaters. AIRREX infrared heaters have already been manufactured for almost 30 years.



### ADVANCED BURNER

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

#### NO EMISSIONS

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



### EFFECTIVE SOUND DAMPENING

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.

### WHY AIRREX?

Infrared radiation heats up the material in addition to the air. The heat is even and no fan is needed. Ventilation in accordance with building regulations is sufficient.



### WIFI-CONNECTION AND MOBILE APP

You can adjust the temperature, view messages and the amount of fuel directly in your smartphone! When you use the mobile application, you get an additional year of warranty.



### SPARE PARTS & WARRANTY

All original AIRREX spare parts are always in our warehouse. Warranty maintenance is always carried out at the customer's premises – simple and carefree!



## Fastest heating of larger spaces with minimum energy consumption.



SAVE MONEY Low consumption



**THERMOSTAT** Temperature adjustment range (0–40°C) (NX)

**NO FUMES** Does not emit burning smells



SILENT, only 48 dB CLEAN COMBUSTION No need for an exhaust pipe



MOBILE Castor wheels, installation is not required



NO DUST No fan



BIODIESEL or diesel / red diesel

### SAVE MONEY!

**CONSUMPTION EXAMPLE:** 

- > Insulated industry hall 500m<sup>3</sup>
- > Temperature outside: 0°C
- > Temperature inside: + 15°C

### > Fuel consumption approx. 2,5 I / day

### Infrared Bioheaters Biodiesel or diesel/red diesel

Quiet, odorless and comfortable heating. 3-year Warranty and easy maintenance. Quick delivery on original equipment and spare parts.



### AIRREX AH-200i AIRREX AH-300i AIRREX AH-800i

COMPARISON TABLE		AH-200i	AH-300i	AH-800i
Heating Capacity	kW - Btu/h	13kW = 44356 Btu/h	15kW = 51180 Btu/h	22kW = 75064 Btu/h
Suitable for spaces up to	m <sup>3</sup>	900	1500	2000
Fuel			Biodiesel, Diesel, Red Diesel	
Fuel tank volume	I	25	45	70
Fuel pre-heating		•	•	•
Electrical Connection		Ø 1 x 230V x 50Hz		
Power consumption	w	80		
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
Compliant with the EU's emissions regulations		•	•	•
WiFi (4G-connection option)		•	•	•
All spare parts available		•	•	•

tents and terraces.

Applications Best suited for heating spaces like terraces, garages and greenhouses. Best suited for heating spaces like workshops, halls, warehouses, event

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





### How does Bioheater work? Answers To Common Questions.

#### IS AIRREX BIOHEATER SAFE?

AIRREX Bioheater is a very safe heater; it has twelve different safety systems such as combustion monitoring, tilt- and overheating sensors.

#### HOW DO I INSTALL THE BIOHEATER?

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

#### CONTROL BIOHEATER REMOTELY WITH WiFi!

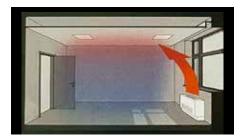
In the AIRREX app you can see real-time information, for example, the temperature in the room being heated, the amount of diesel and whether the heater is running or not. Informative messages are also displayed in the app. The heater can be connected to an existing WiFi network. If there is no WiFi network the heater has a place for an optional 4G router. The heater can also be used without WiFi.

### HOW MUCH IS THE POWER CONSUMPTION?

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

#### WHY DOESN'T BIOHEATER SMELL?

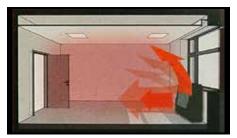
When the fuel used is completely incinerated, it generates no odor



or hazardous emissions. 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 Bioheater heats up materials, walls, floors and all other materials in the space.









and comfortable heating.

### NEW MODEL AIRREX AH-720

The infrared heat produced by the unique, ceramic-coated heat exchangers and halogen lamp spreads evenly in all directions and offers a pleasant sense of warmth also close to the heater. The heating capacity of the heater can also be enhanced with a built-in fan. The heater has an automatic thermostat control, timer 0–24 h, main current switch. Overvoltage and overheating protection, tilt sensor that switches off the heater if it falls, and protective earth. Easy-touse control panel with LED display and remote control. The device also has a remote control.

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54 cm

TECHNICAL INFORMATION		AH-720 ELECTRIC	AVAILABLE IN UK
Heating Capacity	kW	2,8 kW (Infra Plate 1,6 kW, halogen 1,2 kW)	
Recommended area for heating	m <sup>2</sup>	Ca 10-100 m² (room height Ca 2,5 m)	
Power consumption	A	11,7	
Fan capacity		<b>2,0</b> m <sup>3</sup> / min	
Electrical connection		Ø 1 x 230V x 50Hz	
Dimensions (W x D x H)	cm	54 x 29 x 80	
Weight	kg	15	
Thermostat controlled		•	
Remote control & Timer 0-24 hours		•	

**Applications** 

Best suited for heating spaces like terraces, balconies, barns, guest houses, caravan tents, barracks, outdoor toilets, sauna cottages, BBQ huts, site huts, office spaces, summer cottages etc.

80 cm

### REXNORDIC

### REX NORDIC HEAT2000/3000

Small, lightweight and portable heaters with efficient heating and blower. PTC\* heaters are incredibly energy efficient because they require less energy than traditional models. The heating element is ceramic and coated with aluminum.

The PTC ceramic heating element delivers fast, safe heat production. Two heat settings available, fan mode and adjustable thermostat to set and maintain temperatures. Fan stops at set temperature saves energy. Tubular stand with angle adjustment.

\* Positive Temperature Coefficient heating element

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<b>TECHNICAL INFOR</b>	MATION	HEAT2000	HEAT3000
Heating capacity	kW	2	3
Electrical connection		Ø 1 x 220-240V x 50Hz	Ø 1 x 220-240V x 50Hz
Dimensions (W x D x H)	cm	20 x 18 x 23	22 x 22 x 29
Waterproof rate	Class	IP20	IP20
Anti-shock category	Class	Class 1	Class 1
Weight	kg	1,4	2,4
Thermostat controlled		•	•

### Applications

Best suited for heating spaces like terraces, balconies, barns, guest houses, caravan tents, barracks, outdoor toilets, sauna cottages, BBQ huts, site huts, office spaces, summer cottages etc.







Portable heat pump

Portable cooling and heating solution is easy to apply and provides heating or cooling when and where needed.

### NEW REX NORDIC **HP-19**

#### COOLER WITH HEATING FUNCTION HEATER WITH COOLING FUNCTION

Rex Nordic portable heat pump have the ability to be switched from cooling mode to heating mode. In cooling mode, a heat pump works the same as an ordinary air



conditioner (COOL). The cooling capacity is as good as in coolers (i.e. the heat pump does not lose power).

#### TAKE CONTROL OF YOUR CLIMATE 24/7/365

The ability to provide both heating and cooling functions in a single unit makes portable heat pumps incredibly versatile. Works as a space cooler/heater or as a spot cooler – pipes are available as an accessory. Unlike fixed air conditioning systems, portable heat pump don't require permanent installation.



#### WIFI-CONNECTION AND MOBILE APP

You can adjust the temperature, view messages directly in your smartphone! When you use the mobile application, you get an additional year of warranty.



### SPARE PARTS

All original REX NORDIC spare parts are always in our warehouse. Warranty maintenance is always carried out at the customer's premises – simple and carefree!

### REXNORDIC



## The first environmentally friendly mobile heat pump designed for professional use.

<b>TECHNICAL INFORMA</b>		REX NORDIC HP-19	
Cooling/heating capacity	W - Btu/h	19,000 Btu/h (5,570 W)	
Recommended area for heating / cooling	m <sup>3</sup>	550	
Power consumption	kW	(COOL) 2,3 kW / (HEAT) 2,1 kW	
Electrical connection		Ø 1 x 230V x 50Hz	
Temperature Range		COOL: 25°C~40°C/ HEAT: 10°C~27°C	
Noise level			
Dimensions (W x D x H)	cm	55 x 63 x 126	
Weight	kg	82	
Condensate Tank	l.	20	
Refrigerant		R-454C (1,200 g)	
High/Low/Ultra Low Fan Speed		•	
Programmable Timer		•	
Auto Shut Off		•	
Thermostat controlled		•	
WiFi (4G-connection option)		•	
Spot cooling ducts and accesories		•	

Applications	Best suited for cooling/spot cooling in spaces like workshops, halls, warehouses, event tents and terraces.
Applications	Best suited for heating in spaces like workshops, halls, warehouses, event tents and terraces.





Water cooled portable air coolers! Perfect cooling solution also for any sultry and dusty environment.

#### ENERGY SAVING – LOW POWER CONSUMPTION

An evaporative cooler will only increase its cooling capacity when temperatures rise, without increasing the energy consumption.

#### HEAT STRESS PREVENTION – LESS LOSS OF WORKING HOURS

A work environment that is cooled, well ventilated and provided with ample fresh outside air, is a healthy work environment with high employee wellness and often higher productivity.



### NO FIXED INSTALLATION

Easy cleaning and low maintenance, no installation costs! Thanks to the wheels, you can move the device at the spot where cooling is required.

#### **AIR PURIFICATION**

They are equipped with a submersible UVC light. This device effectively kills possible germs and viruses while the tank water circulates through the lamp pipe. It will lower the risk of spreading harmful bacteria.

### **WHY REX NORDIC?**

Evaporative coolers are the best solution for extreme working conditions and for large areas where applying air conditioners is not feasible and other solutions won't generate the required cooling capacity.

### WARRANTY

Evaporative coolers are easy to clean, low maintenance and there's no installation costs. We offer a two-year warranty on our evaporative coolers.



#### SPARE PARTS

All original REX NORDIC spare parts are always in our warehouse. Warranty maintenance is always carried out at the customer's premises – simple and carefree!



### Natural way of cooling. Efficient cooling with only water!



SAVE NATURE GWP 0! - No chemicals, no Chlorine, no Ozone



Low noise max. 55-65 db.



SAVE MONEY Low power consumption



EASY TO USE Just hook up to a standard garden hose or fill the portable water tank.

**EFFECTIVE** High cooling efficiency, large air volume



PORTABLE Castor wheels, installation is not required

**AIR PURIFICATION** Built-in 40W UV light effectively kills possible germs and viruses



PLUG AND PLAY Easy cleaning and low maintenance, no installation costs

### GWP 0

### ZERO GLOBAL WARMING POTENTIAL

- > No chemicals
- > No Chlorine
- No Ozone

 No worries or restrictions of flammable or toxic refrigerant. Ecocolers for indoor and outdoor use

Evaporative coolers are the best solution for extreme working conditions and for large areas where applying air conditioners is not feasible and other solutions won't generate the required cooling capacity.



## REX NORDIC REX14000

## REX NORDIC REX25000

### REX NORDIC REX48000

COMPARISON TABLE		REX14000	REX25000	REX48000
Airflow	m <sup>3</sup> / h	14 000	25 000	48000
Suitable for spaces up to	m²	120	250	500
Electrical Connection		Ø 1 x 230V x 50Hz	Ø 1 x 230V x 50Hz	Ø 1 x 230V, 50Hz
Current (Max.)	A ±10%	2,2	3,7	4,8
Power Consump. (Max.)	W ±10 %	510	850	1100
External Frame		PE	PE	PE
Standard equipment		Auto water inlet, large water storage tank, water cooling pad, water storage scale, hook for water hose and power cord, wheels		
Speed (Max.)	rpm	1 380 (Variable)	1 100 (Variable)	660 (Variable)
Water Reservoir	l.	60	170	230
Noise level	dB	55	65 (for re	ference only)
Dimensions (H X W X D)	cm	130 x 74 x 50	172 x 132 x 69	220 x 180 x 88
Weight	kg	45	100	185
Swinging shutters		•	•	
Water sanitazing UV-C light		•	•	•

Applications

Best suited to cooling spaces like shop, tent and events, hotel, restaurants and catering, warehouses, greenhouses, animal farm, personal work space, factory, garage, machinery manufacturing plant, car repair shop, machine tool factory, etc. The industry in general: automotive, aviation, agriculture/ horticulture, military, logistics

### REXNORDIC

### How does Evaporative Cooler work? Answers To Common Questions.

### WHY SHOULD I CHOOSE EVAPORATIVE COOLER?

The evaporative cooler provides an inexpensive, eco-friendly, and chemical-free cooling solution without using refrigerants or facing limitations, all while boasting a zero Global Warming Potential.

#### HOW DOES IT WORK?

When the cooler is on, the fan drags air through the moisturized cooling pad. While the air passes through the cooling pads, water vapor brings the heat away and cool the air down. An effective built-in UVC light kills possible germs and viruses.

### WHAT RANGE OF TEMPERATURE REDUCTION CAN BE EXPECTED?

Evaporative coolers can provide a temperature drop of between 4°C and 12°C when outdoor temperatures are above 22°C. You can upgrade the cooling effect by adding ice cubes into the tank. It can cool down the temperature of the water and enhance the cooling effect of the cooler.

#### WHAT ARE THE KEY ADVANTAGES?

High cooling efficiency without water mist, large air volume, but low power consumption and no installation cost. These features help you cut down power consumption and decrease the number of air conditioner usage.

### IS THERE ANY FINANCIAL BENEFITS?

Evaporative cooling systems can be eligible for the Energy Investment Deduction (EIA). As an example, in the Netherlands, this can result in a net benefit of 11% on the entire investment. In other countries, there are also often local subsidies for sustainable techniques.





### Airrex mobile coolers for indoor and outdoor use

Designed for professional usage, Airrex coolers also work excellently for spot cooling. For example production lines, people working in hot conditions, etc. You can extend the cooling air hoses with the extension pieces available as accessories.



## A comfortable working environment improves productivity.

### AIRREX COOLERS

Cool air will be delivered quickly thanks to a high flow rate and efficient heat exchanger. Airrex HSC spot coolers are perfectly designed for targeted cooling. With optional extensions, the cooling air hoses can reach up to 30 metres.

### PORTABLE

With castor wheels, you can move the device wherever cooling is needed. No fixed installation – simply place the cooling hose where you need it. Move effortlessly, control temperature via a digital display, and ensure longevity with washable filters.



**EASY TO USE** A clear digital display for controlling temperature, fan speed, and more. SAVE MONEY

Modest energy consumption, improves productivity **PORTABLE** Castor wheels, installation is not required

### **ENERGY-EFFICIENT**

Modest energy consumption: 1.6 kW/HSC-1370, 2.22 kW /HSC-2500, 3.0 kW/HSC-3500, 8.5 kW/HSC-5000A.

### SAFETY

Safety features, including condensation tank overfill protection, high and low pressure safety cut-out, compressor overheating protection, motor protection system, guarantee reliability.

Easy to service. Activate your three-year warranty at rexnordic. com.



PLUG AND PLAY Easy cleaning and low maintenance, no installation costs

## AIRREX



### HSC-1370 HSC-2500 HSC-3500 HSC-5000A

All HSC series coolers can cool their supply air by about 10 degrees. The cooling efficiency can be improved further with the warm air exhaust hose: as the air in the space cools down, the supply air becomes cooler and the device can produce cooler air. Airrex Spot Coolers provide efficient, portable cooling with a high flow rate.

COMPARISON TABLE		HSC-1370	HSC-2500	HSC-3500	HSC-5000A
Cooling consists	BTU/h	13,000	21,000	25,000	60,000
Cooling capacity	kW	3.810	6.150	7.330	17
Electrical connection			230 V, 50 Hz, 1-phase		380/420 V, 50 Hz, 3-phase
Current (Max.)	A ±10%	7.4	9.8	13	13
Power consumption	kW	1.6	2.22	3.0	8.5
Dimensions (W × D × H)	cm	42 × 62 × 101	49 × 60 × 128.6	49 × 60 × 128.6	74 × 140 × 151.6
Weight	kg	57	86	90	250
Noise level	dB		62	63	65
Condensate Tank	I.	15	20	20	20
Airflow	m³/min	8	11–13	14–16	40
Air filter		Polyester filter		Metal mesh filter	
Refrigerant	kg	R-410A (0.65)	R-410A (0.89)	R-407C (1.2)	R-410A (3.5)
Operating temperature range	°C	25 °C DBT, 60% RH to 45 °C DBT, 40% RH			
Cooling hose maximum length	m	12	12	12	30

Applications Spot coolers are ideal for high temperature work sites like factories, shipyards, glassworks, metal workshops, repair shops, welding shops, server rooms and machine rooms, server rooms, stages, kitchens, halls and leisure centers etc.



### **REXNORDIC** MULTI-FUNCTIONAL JUMP STARTERS

These boosters work even if the battery is completely empty. Equipped with heavy duty intelligent clamps, high quality! Simple to use.



### Empowering Your Journey.

Multifunctional start boosters are packed with On-the-Go Energy for vehicles and the diverse needs of outdoor activities. These versatile devices provide dependable solutions for unexpected situations.

COMPARISON TABLE		BOOSTER1300 12V	BOOSTER2000 12V/24V	
Starting current	А	600	1000	
Peak current	А	1300	2000	
Battery capacity	mAh	24000 mAh (88.8 Wh)	56000 mAh (207.2 Wh)	
Size	mm	244 x 105 x 41	261 x 188 x 149	
Weight	kg	0,9	2.8	
Operating temperature	°C	-20 - +60 °C	-40 - +60 °C	
Ports		PD30W (USB-C) input/output port: 5V/3A, 9V/2A, 12V/1.5A, 15V/2A, 20V/1.5A • Quick charge output port (USB): 5V/3A, 9V/2A, 12V/1.5A • Output port 15V/10A • Jumper cable port 12V	Quick charge output port 12V10A output port 29V/2A input port	
Safety protections		Short-circuit, over current, over charge, over volt- age, Al software protection, over temperature, over discharge, reverse polarity, reverse charge	Overcharge and Overdischarge Protection Fuse Protection Against-reverse Plug	
Package contains		Rex Nordic Booster, USB to USB-C cable, Intelligent jump start cables	Rex Nordic Booster, Power charger, USB to USB-C cable, Intelligent jump start cables.	
LED flashlight		•	•	

Applications

Jump starting vehicles, emergency roadside assistance, outdoor activities, power outages, travelling, DIY projects, compact and portable lighting, boating and marine activities, construction sites, remote work

### Accessories for heaters



SERVICE KIT Maintenance should be carried out annually on AIRREX heaters. Includes fuel filters, gaskets, nozzle and

manual.	
AH-200/AH-300	AH10046
AH-200i/AH-300i	AH10180
AH-800/AH-800i	AH10047



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

AH-200/300/800

AH-200/300/800

usage.

FUEL FILTER

Fuel filter for AIRREX heaters

AH10017

must be replaced at least

once a year depending on



### PIPE EXTENSION AH-200/300/800

Uninsulated pipes	
Ø 1000mm	AH10168
Ø 500mm	AH10169
90° angle for uninsulated pipe	AH10177
0-90° adjustable angle for uninsulated pipe	AH10167



**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

AH-300/AH-300i	AH10109
AH-800/AH-800i	AH10112

FUEL PUMP

AH-200/300/800

With this battery-powered

fuel pump, you can transfer

fuel from canister to another

DP08EA

or easily fill up your heater.



#### TRANSPORT CART

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

AH-200i/AH-300i	AH10116
AH-800i	AH10117



SILENCER

Reduces the noise made by the heater by approximately 2 dB.

AH-200/300/800 AH10106
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### Accessories for coolers

AH10028



DUCTS (2 PCS.) For Rex Nordic HP-19 cooler heater.

RexNordic HP-19 GAC69050



HEPA FILTER For Rex Nordic HP-19 cooler heater.

RexNordic HP-19



METAL FRAME FOR HEPA FILTER For Rex Nordic HP-19 cooler heater.

RexNordic HP-19 GAC69049



#### ECOCOOLER COOLING PADS

REX14000	WTW0902001
REX25000	WTW1104001
REX48000	WTW1622001



### COOLING HOSES AND CLAMPS

	Cold air ducts	Ømm	Clamps	Warm Air Ducts	Ømm	Clamps	Warm air duct W/O reducer	Ømm	Clamps
Airrex HSC-1370	DG1140	140	QIP165	DG1254	254	QIP325	NA		
Airrex HSC-2500	DG1140	140	QIP165	DG1305	305	QIP325	CLDG457	457	QIP525
Airrex HSC-3500	DG1140	140	QIP165	DG1305	305	QIP325	CLDG457	457	QIP525
Airrex HSC-5000A	DG1203	203	QIP325	HSC10027	400	QIP525	NA		
Rex Nordic HP-19	DG1140	140	QIP165	DG1305	305	QIP325	NA		





### WE ARE HERE FOR YOU



We are the biggest mobile heater supplier in Europe for professionals and we point the way to heater technology. At Rex Nordic we believe in operational excellence, providing the best products and services for all our customers. We already have almost 1000 retailers and we're growing rapidly throughout Europe.

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