AIRREX

# INFRARED DIESEL HEATERS

**For over 30 years, Airrex has been redefining portable heating. The next generation of Airrex heaters takes performance, efficiency and reliability further than ever before.**




## FUTURE BURNS BLUE

**Completely redesigned from the inside out with a new burner, controller and software. Blue Flame technology delivers cleaner combustion, intelligent power control and outstanding heating performance for large spaces.**

### New Blue Flame Burner
Advanced combustion technology for even cleaner burning, maximum efficiency and powerful infrared heat.

### More power than ever
Up to 24 kW heating capacity. Choose between low and high output for optimized performance.

# A NEW ERA OF PROFESSIONAL HEATING

**Introducing the revolutionary Airrex AH-500i and AH-900i — powered by the world's most advanced Blue Flame Burner technology.**

**BLUE FLAME BURNER**
The next generation Blue Flame Burner mixes fuel and air before combustion, creating an extremely clean and efficient burning process. The result is powerful infrared heat with ultra-low emissions and maximum fuel efficiency.

**DUAL POWER TECHNOLOGY**
Two-stage power control provides two selectable output levels, allowing the heater to operate at lower or higher heating capacity depending on your needs. The technology combines adjustable fuel delivery and fan speed control to deliver efficient performance in both power modes.

**NO FUMES, NO ODOR**
Advanced combustion technology ensures exceptionally clean burning without unpleasant odors. Normal ventilation is sufficient – no exhaust pipe required.



**ULTRA QUIET OPERATION**
The redesigned burner, brushless motor of the internal fan and advanced silencing system make Airrex extremely quiet — only 48 dB.

**SMART CONTROL**
Easy-to-use soft-touch control panel with LED display. WiFi and LTE compatibility allow remote control and access wherever you are.

**SAFE INFRARED HEATING**
No burning-hot external surfaces ensure safe everyday use.

**5 YEAR WARRANTY**
The strongest quality promise in the industry, backed by reliable service and spare parts availability. Built for professional use and long service life.

**FUEL**
Designed for renewable diesel and diesel.

## BUILT TO LAST.
**Industry-leading 5-year warranty**

### Ultra low emissions
The new Blue Flame technology ensures exceptionally clean combustion with ultra-low emissions.

# INFRARED DIESEL **HEATERS**

Renewable diesel or diesel

**Quiet, odorless, and comfortable heating. Easy maintenance with a 5-year warranty. Quick delivery of original equipment and spare parts.**




## Wifi-connection and mobile app

You can adjust the temperature, view messages and the amount of fuel directly in your smartphone!

**NEW**
AH-500i
AH-900i







| TECHNICAL INFORMATION | | AH-500i | AH-900i |
|---|---|---|---|
| **Heating Capacity LOW/HIGH** | Btu/h | 37500 / 51200 | 64800 / 81900 |
| | kW | 11 / 15 kW | 19 / 24 kW |
| **Suitable for spaces up to** | m³ | 1500 | 2500 |
| **Fuel** | | Renewable diesel (HVO100, EN 15940) or diesel (EN 590) | |
| **Fuel tank volume** | l. | 45 | 70 |
| **Fuel consumption** | l./h | 1.05 / 1.42 | 1.81 / 2.3 |
| **Fuel pre-heating** | | ✓ | ✓ |
| **Electrical Connection** | | 220/230 Vac, 50 Hz, Single-phase | |
| **Power consumption** | W | 50 | 60 |
| **Temperature adjustment range** | °C | 0 – 40 | |
| **Noise level LOW/HIGH** | dB | 47 / 50 | 48 / 51 |
| **Dimensions (W x D x H)** | cm | 95 x 30,5 x 108 | 130 x 35 x 140 |
| **Weight** | kg | 47 | 81 |
| **Compliant with the EU's emissions regulations (EU) 2024/1781** | | ✓ | ✓ |
| **WiFi (4G-connection option)** | | ✓ | ✓ |
| **All spare parts available** | | ✓ | ✓ |
| **Applications** | | **Ideal for heating spaces like workshops, halls, warehouses, barns, event tents and terraces.** | **Ideal for heating large spaces, workshops, barns, industrial halls and event tents.** |

**PRO TIP** **Get an extra 3 years of warranty coverage. Register your heater and extend the standard 2-year warranty to a total of 5 years.**

AIRREX

**NO DUST**
No fan

**CLEAN COMBUSTION**
No need for an exhaust pipe

**NO FUMES**
Does not emit burning smells

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

**SILENT**
Only 48 dB

**MOBILE**
Castor wheels, installation is not required

**RENEWABLE DIESEL**
or diesel

# SAVE ON FUEL COSTS.



› Insulated industry hall 500m$^3$
› Temperature outside: 0 °C
› Temperature inside: +15 °C
**Fuel consumption**
**~ 2.5 L/24h***

*The consumption example is for sustaining heat under the aforementioned conditions.

# How does the heater work?

### IS THE AIRREX HEATER SAFE?
The AIRREX heater is really safe, equipped with several different safety features, including combustion monitoring, tilt sensors, and overheating protection.

### HOW DO I INSTALL THE HEATER?
The AIRREX infrared heater does not require a separate installation. Simply fill the tank with fuel, plug it in, and it's ready to use. Thanks to its wheels, you can easily move the heater wherever you need it.

### CAN I CONTROL THE HEATER REMOTELY?
With the AIRREX app, you can view real-time information such as room temperature, the diesel level, and heater status. The app also displays informative messages. The heater connects easily to an existing WiFi network, or you can use optional 4G router if no WiFi is available. The heater also functions perfectly without an internet connection.

### WHY DOESN'T THE HEATER PRODUCE ODORS?
The heater burns fuel completely, resulting in no odors or harmful emissions. AIRREX heaters have been carefully fine-tuned through over 30 years of product development.



**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.**

### HOW MUCH POWER DOES THE HEATER USE?
The heater consumes 50 or 60W when running. When in starting phase (about 30s.) it consumes 230W.

### DOES THE HEAT SPREAD EVENLY?
Yes. Infrared heat spreads evenly and reaches far. Some people mistakenly believe a fan is required to distribute heat, especially across larger areas like halls. However, no fan is necessary—infrared heat directly warms walls, floors, and all other objects in the space.

### SPARE PARTS?
All original Airrex spare parts are readily available in our warehouse. Warranty maintenance is always carried out at the customer's premises – simple and carefree!

REX NORDIC
rexnordic.com