MH-SERIES

» available from 5 to 40 kW
» special compact construction for vehicles
» automatic altitude adjustment for optimal performance
» blue burner technology Blue Efficiency®
» combi version for heating and fresh water heating
» suitable for radiators, underfloor heating etc.
» TÜV- and DEKRA-certificated
» best for the environment, 0.0 soot emission
» reduced power consumption
» low noise operation
» preheating the vehicle engine possible
» optional electric heating element
» regenerative engine heat hook up possible

Now with KBA-accreditation!

soot-emission 0.0

German TÜV confirmed
The compact high efficient heating system **MH Blue Efficiency® mobile** - is especially developed for expedition vehicles, motorhomes and class A RVs. The integrated **automatic altitude adjustment-system** measures the atmospheric pressure and outside air temperature at each position of the vehicle. With this it insures the correctness of the heaters settings and the optimal burning performance of the heating system at any location.

- One or two-stage SCHEER burner Blue Efficiency®
- Controller with full clear text display and language selection
- Outside-temperature-controlled mixed heating circuits
- Radiator and floor heating circuits have their own Grundfos Alpha high-efficiency pump
- Connection for external air intake
- Plate heat exchanger for fresh water heating with maximum flow adjustment
- Burner safety module
- All connectors are lockable
- Diesel filter with vacuum manometer to monitor the filter and tank condition
- Small sized side-exhaust

**Optional:**
- Integrated electrical heater 2 or 3 kW
- Expansion tank
- Air intake and/or side-exhaust silencer
- Preheating of the vehicle engine

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**MH Blue Efficiency® mobile**

- **MH 5/12**
  - Operating efficiency: kW 5
  - Dimensions (H / W / D): cm 38 / 54 / 59
  - Weight: kg 55
  - Efficiency: % 93
  - Fresh water heating: -
  - Water boiler capacity: l 17.5
  - Fuel: diesel / heating oil
  - Nozzle: 0.18 / 80°SCD
  - Nominal voltage: V 230
  - Power consumption*: W/h 34
  - Exhaust temperature: °C 170 - 220
- **MH 10/17**
  - Operating efficiency: kW 10
  - Dimensions (H / W / D): cm 38 / 54 / 59
  - Weight: kg 55
  - Efficiency: % 93
  - Fresh water heating: -
  - Water boiler capacity: l 17.5
  - Fuel: diesel / heating oil
  - Nozzle: 0.18 / 80°SCD
  - Nominal voltage: V 230
  - Power consumption*: W/h 34
  - Exhaust temperature: °C 150 - 210
- **MH 15/23**
  - Operating efficiency: kW 15
  - Dimensions (H / W / D): cm 38 / 54 / 59
  - Weight: kg 55
  - Efficiency: % 93
  - Fresh water heating: -
  - Water boiler capacity: l 17.5
  - Fuel: diesel / heating oil
  - Nozzle: 0.18 / 80°SCD
  - Nominal voltage: V 230
  - Power consumption*: W/h 34
  - Exhaust temperature: °C 150 - 210
- **MH 30/40**
  - Operating efficiency: kW 30
  - Dimensions (H / W / D): cm 48 / 37 / 64
  - Weight: kg 60
  - Efficiency: % 95
  - Fresh water heating: -
  - Water boiler capacity: l 23
  - Fuel: diesel / heating oil
  - Nozzle: 0.35 / 60° SCD
  - Nominal voltage: V 230
  - Power consumption*: W/h 42
  - Exhaust temperature: °C 145 - 205
- **MH 40**
  - Operating efficiency: kW 40
  - Dimensions (H / W / D): cm 52 / 43 / 70
  - Weight: kg 95
  - Efficiency: % 95
  - Fresh water heating: -
  - Water boiler capacity: l 37
  - Fuel: diesel / heating oil
  - Nozzle: 0.65 / 60° SCD
  - Nominal voltage: V 230
  - Power consumption*: W/h 42
  - Exhaust temperature: °C 145 - 205

*usually 10 min. burner operation within one heating hour

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**INNOVATIVE HEATING SYSTEMS**

**controller with full clear text display**

**expansion tank diaphragm type**

**burner Blue Efficiency®**

**connection for fresh air intake**

**Easy to install Plug-In version. No additional parts are needed.**

The unit is fully assembled with a base plate connectable to the chassis of the vehicle.

**common examples**

- high temperature heating circuit for radiator and/or water-air-heat exchanger
- plate heat exchanger for fresh water

**pipe group basic**

- mixed heating circuit for radiator and/or water-air-heat exchanger
- warm water by plate heat exchanger

**pipe group basic + hot water**

- mixed heating circuit for radiator and/or water-air-heat exchanger
- warm water by plate heat exchanger

**pipe group all inclusive**

- mixed heating circuit for radiator and/or water-air-heat exchanger
- mixed heating circuit for underfloor heating
- warm water by plate heat exchanger

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**... my heat**