

# THERMOBILE<sup>®</sup>

AGA E Direct propane / natural gas fired



Member of  the Honing Beheer Group of Companies

[www.thermobile.com](http://www.thermobile.com)

Direct propane / natural gas fired



AGA 111 E

AGA 75 E

AGA 45 E



Standard external air suction system with a wall connector for AGA 45 / 75 / 102 / 111 E



Full humidity and dust proof control panel AGA 45 / 75 E



Optional: protection cover for AGA 45 E / AGA 75 E



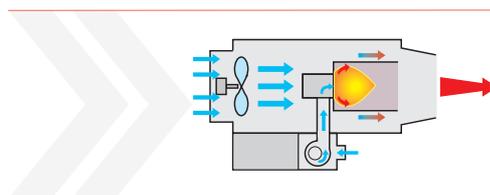
Storingsmelderset voor Full humidity and dust proof control panel AGA 111 E

## WORKING PRINCIPLE

- Direct heat with 100% efficiency
- Fixed outlet temperature approx. 100-130 °C
- Large air throw
- Clean burner because of fresh air connection
- Fan for optimum combustion air

## FEATURES

- With fresh air intake to the burner
- Easy access for service, good heat distribution, easy access for cleaning
- Full humidity and dust proof control panel containing all electronic components
- Burner with electronic ignition, ionization protection and thermostat connection
- Room ventilation is required, even for models with separate fresh air intake to the burner
- KIWA-CE certified
- All models can be used horizontally and vertically, blowing either upwards or downwards
- AGA 45 / 75 / 102 / 111 E are equipped with 5 metres fresh air suction hose, 2 hose clamps and SS wall connector for fresh air intake
- AGA 100 E is not equipped with fresh air intake to the burner and only suitable for natural gas
- AGA 102 E is standard equipped with fresh air intake and modulating burner, not suitable for propane gas
- AGA 45 / 75 / 111 E suitable for propane and natural gas



## APPLICATIONS

### Livestock

### Agriculture

### Horticulture

- Heating of pig and poultry houses
- Drying of agricultural products
- Heating of greenhouses and polytunnels (N.B. Control CO<sub>2</sub> and CO emission)

### Please note:

- Before ordering please specify gas type
- When using propane gas or high pressure natural gas a pre-pressure regulator is required
- For AGA models the following pressure at the heater is required:
  - AGA 45 / 75 / 100 / 111 E: minimum 25 millibar, maximum 100 millibar
  - AGA 102 E: minimum 25 millibar, maximum 50 millibar
- If the gas supply pressure is higher than the maximum a pressure regulator is required (accessory)
- Installation by approved gas fitter is mandatory

## TECHNICAL SPECIFICATIONS | DIMENSIONS AND WEIGHTS

1 kW = 860 kcal/hr 1 kW = 3,413 Btu/hr 1 kW = 3.6 MJ/hr 1 kg = 1.2 l/hr

| MODEL AGA E                                   | AGA 45 E         | AGA 75 E         | AGA 100 E**       | AGA 102 E**       | AGA 111 E         |
|---|------------------|------------------|-------------------|-------------------|-------------------|
| Item number                                   | 40.745.200       | 40.775.200       | 40.720.070        | 40.722.100        | 40.731.050        |
| Heat output max. (Btu/hr)                     | 154,000          | 256,000          | 358,000           | 358,000           | 358,000           |
| Heat output max. (kW)                         | 45               | 75               | 105               | 105               | 105               |
| Gas 25* consumption max. (m <sup>3</sup> /hr) | 5.0              | 8.3              | 11.2              | 9.0               | 7.5               |
| Gas 20 consumption max. (m <sup>3</sup> /hr)  | 4.0              | 7.1              | 9.0               | 4.3 - 11.2        | 9.0               |
| Propane (kg/hr)                               | 3.2              | 5.4              | 7.5               |                   | 7.5               |
| Heated air flow (m <sup>3</sup> /hr)          | 2,500            | 4,500            | 7,000             | 7,000             | 7,000             |
| Power consumption 230 V (AMPS)                | 1.0              | 1.9              | 4.8               | 5.5               | 5.3               |
| Air throw (m)                                 | 15               | 25               | 40                | 40                | 40                |
| Gas connection Ø (Inch)                       | 1/2              | 1/2              | 1/2               | 1/2               | 1/2               |
| Thermostat connection                         | Yes              | Yes              | Yes               | Yes               | Yes               |
| Dimensions heater only L x W x H (mm)         | 1060 X 400 X 680 | 1100 X 520 X 810 | 1380 X 600 X 850  | 1380 X 850 X 700  | 1380 X 850 X 570  |
| Dimensions incl. packing L x W x H (mm)       | 1130 X 840 X 600 | 1130 X 840 X 700 | 1550 X 750 X 1010 | 1550 X 750 X 1010 | 1550 X 750 X 1010 |
| Weight (kg)                                   | 37               | 50               | 70                | 86                | 84                |
| Weight incl. packing (kg)                     | 52               | 67               | 110               | 105               | 108               |

\* Gas 25 is used in The Netherlands, in most areas of France and in some areas of Belgium.

\*\* Available on request

| ANCILLARIES   | Item number |
|---|-------------|
| Pre-pressure regulator  | 40.720.063  |
| Fire protection system for crop drying (natural gas), supply 230 V (24 V execution available optionally), consisting of:      |             |
| • magnetic gas valve for natural gas, to place in gas supply pipe (execution depending on amount of gas and diameter of pipe) | 40.301.078  |
| • room/maximum thermostat 0/60 °C, to place in drying installation  | 40.301.049  |
| Protection cover for gas unit AGA 45 E and AGA 75 E   | 40.745.098  |
| Modular regulator for AGA 102 E: RE-THA-6   | 40.722.018  |
| Connecting module 0-10 Volt, for connection of the AGA 102 E to an external computer  | 40.722.019  |