

# THERMOBILE®

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

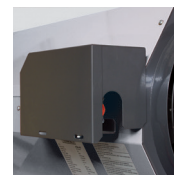
AGA 45 E



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



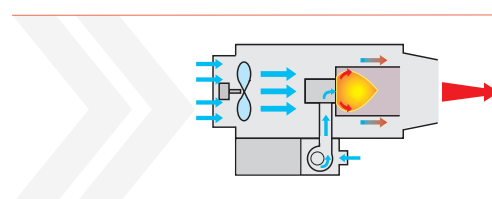
Storingsmelderset voor Full humidity and dust proof control panel AGA 111 E

**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. (m³/hr)	5.0	8.3	11.2	9.0	7.5
Gas 20 consumption max. (m³/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 (m³/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