

AGA E Direct propane/natural gas fired

FUEL TYPE



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.



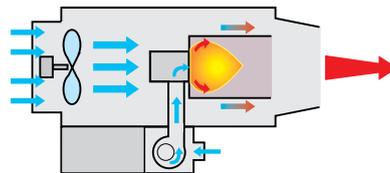
Optional: protection cover for AGA 45 E and AGA 75 E.



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.
- AGA 102 E is standard equipped with fresh air intake and modulating burner, not suitable for propane gas.
- AGA 45/75/100/111 E suitable for propane and natural gas.

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.



APPLICATIONS

- Livestock**
 - Heating of pig and poultry houses.
- Agriculture**
 - Drying of agricultural products.
- Horticulture**
 - Heating of greenhouses and polytunnels (N.B. Control CO₂ and CO emission.)

TECHNICAL SPECIFICATIONS | DIMENSIONS AND WEIGHTS

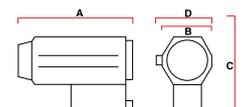
1 kW = 860 kcal/h 1 kW = 3,413 Btu/h 1 kW = 3.6 MJ/h 1 kg = 1.2 l/h

MODEL	Heat output max. (Btu/hr)		Heat output max. (kW)			Gas consumption max. (m ³ /hr)			Heated air flow (m ³ /hr)	Power consumption 230 V (AMPS)	Air throw (m)	Gas connection Ø (Inch)	Thermostat connection	ITEM NUMBER
	Gas 25*	Gas 20	Propane	Gas 25*	Gas 20	Propane								
AGA 45 E	154,000	45	5.0	4.0	3.2	2,500	1.0	15	1/2	Yes	40.745.200			
AGA 75 E	256,000	75	8.3	7.1	5.4	4,500	1.9	25	1/2	Yes	40.775.200			
AGA 100 E**	358,000	105	11.2	9.0	7.5	7,000	4.8	40	1/2	Yes	40.720.070			
AGA 102 E**	358,000	105	6.0-13.9	4.3-11.2	-	7,000	5.5	40	1/2	Yes	40.722.100			
AGA 111 E	358,000	105	11.2	9.0	7.5	7,000	5.3	40	1/2	Yes	40.731.050			

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

** Available on request

MODEL	Dimensions heater only (cm)						KG	Dimensions including packing (cm)			
	A	B	C	D	E	F		L	B	H	KG
AGA 45 E	106	-	40	68	-	-	37	113	84	60	52
AGA 75 E	110	-	52	81	-	-	52	113	84	70	67
AGA 100 E	138	60	85	-	-	-	70	155	75	101	110
AGA 102 E	138	-	85	70	-	-	86	155	75	101	105
AGA 111 E	138	-	85	57	-	-	84	155	75	101	108



ANCILLARIES

Pre-pressure regulator

ITEM NUMBER

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)
- room/maximum thermostat 0/60 °C, to place in drying installation

40.301.078

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