

product information sheet

Trade Mark	AEG
Model	GB87D91CB 942051558
Annual Energy Consumption (kWh/year)	43.9
Energy Efficiency class	A+
Fluid Dynamic Efficiency	34.8
Fluid Dynamic Efficiency class	A
Lighting Efficiency (lux/W)	49.6
Lighting Efficiency class	A
Grease Filtering Efficiency	85.1
Grease Filtering Efficiency class	B
Air flow at minimum and maximum speed in normal use (m3/h)	260/440
Air flow at intensive or boost setting (m3/h)	760
Airborne acoustical A-weighted sound power emissions at minimum and maximum speed in normal use (dB(A))	44/55
Airborne acoustical A-weighted sound power emissions at intensive or boost setting (dB(A))	67
Power consumption in standby mode (W)	1
Power consumption in off mode (W)	1

Product information according to Commission regulation (EU) No 66/2014

Attribute Name	Symbol	Value	Unit
Model Denomination		GB87D91CB 942051558	
Annual Energy Consumption	AEC _{hood}	43.9	kwh/a
Time increase factor	f	0.7	
Fluid Dynamic Efficiency	FDE _{hood}	34.8	
Energy Efficiency Index	EEl _{hood}	43.6	
Measured air flow rate at best efficiency point	QBEP	386.3	m3/h
Measured air pressure at best efficiency point	PBEP	474	Pa
Maximum air flow	Q _{max}	760.0	m3/h
Measured electric power input at best efficiency point	WBEP	146.3	W
Nominal power of the lighting system	WL	9,0	W
Average illumination of the lighting system on the cooking surface	E _{middle}	446	lux
Measured power consumption in standby mode	P _s	1	W
Measured power consumption off mode	P _o	1	W
Sound power level	LWA	55	dB

EN 61591 - Household range hoods and other cooking fume extractors – Methods for measuring performance

EN 60704-2-13 - Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-13: Particular requirements for range hoods

EN 50564 - Electrical and electronic household and office equipment. Measurement of low power consumption

Suggestions for a correct use in order to reduce the environmental impact:

- Switch ON the hood at minimum speed when you start cooking and kept it running for few minutes after cooking is finished.
- Increase the speed only in case of large amount of smoke and vapour and use boost speed(s) only in extreme situations.
- Replace the charcoal filter(s) when necessary to maintain a good odour reduction efficiency.
- Clean the grease filter(s) when necessary to maintain a good grease filter efficiency.
- Use the maximum diameter of the ducting system indicated in this manual to optimize efficiency and minimize noise.