

Product Information Sheet according to (EU) No 65/2014

Trade Mark	AEG
Model	GDE686HM 942022871
Annual Energy Consumption (kWh/year)	45
Energy Efficiency class	A
Fluid Dynamic Efficiency	32.7
Fluid Dynamic Efficiency class	A
Lighting Efficiency (lux/W)	37.6
Lighting Efficiency class	A
Grease Filtering Efficiency	85.1
Grease Filtering Efficiency class	B
Air flow at minimum and maximum speed in normal use (m ³ /h)	260/445
Air flow at intensive or boost setting (m ³ /h)	750
Airborne acoustical A-weighted sound power emissions at minimum and maximum speed in normal use (dB(A))	45/57
Airborne acoustical A-weighted sound power emissions at intensive or boost setting (dB(A))	70
Power consumption in standby mode (W)	
Power consumption in off mode (W)	

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

Attribute Name	Symbol	Value	Unit
Model Denomination		GDE686HM 942022871	
Annual Energy Consumption	AEC _{hood}	45,0	kwh/a
Time increase factor	f	0.8	
Fluid Dynamic Efficiency	FDE _{hood}	32.7	
Energy Efficiency Index	EEl _{hood}	46.9	
Measured air flow rate at best efficiency point	QBEP	362.1	m ³ /h
Measured air pressure at best efficiency point	PBEP	460	Pa
Maximum air flow	Q _{max}	750.0	m ³ /h
Measured electric power input at best efficiency point	WBEP	141.6	W
Nominal power of the lighting system	WL	5,0	W
Average illumination of the lighting system on the cooking surface	E _{middle}	188	lux
Measured power consumption in standby mode	P _s		W
Measured power consumption off mode	P _o		W
Sound power level	LWA	57	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.