product information sheet

Trade Mark	AEG
Model	DGB3850M 942022067
Annual Energy Consumption (kWh/year)	96.5
Energy Efficiency class	C
Fluid Dynamic Efficiency	15.3
Fluid Dynamic Efficiency class	D
Lighting Efficiency (lux/W)	48.6
Lighting Efficiency class	A
Grease Filtering Efficiency	75.1
Grease Filtering Efficiency class	C
Air flow at minimum and maximum speed in normal use (m3/h)	295/600
Air flow at intensive or boost setting (m3/h)	-
Airborne acoustical A-weighted sound power emissions at minimum and maximum speed in normal use (dB(A))	49/63
Airborne acoustical A-weighted sound power emissions at intensive or boost setting (dB(A))	-
Power consumption in off mode (W)	0
Power consumption in standby (W)	0.49

Attribute Name	Symbol	Value	Unit
Model Denomination		DGB3850M 942022067	
Annual Energy Consumption	AEC_{hood}	96.5	kwh/a
Time increase factor	f	1.4	
Fluid Dynamic Efficiency	FDE_{hood}	15.3	
Energy Efficiency Index	EEI_{hood}	81.8	
Measured air flow rate at best efficiency point	Q_{BEP}	356.3	m3/h
Measured air pressure at best efficiency point	P_{BEP}	280	Pa
Maximum air flow	Q_{max}	600,0	m3/h
Measured electric power input at best efficiency point	W_{BEP}	181.7	W
Nominal power of the lighting system	W_L	5,0	W
Average illumination of the lighting system on the cooking surface	E_{middle}	243	lux
Measured power consumption in standby mode	P_S	0	W
Measured power consumption off mode	P_O	0.49	W
Sound power level	L_{WA}	63	dB

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 fi nished.
• 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 effi ciency.
• Clean the grease filter(s) when necessary to maintain a good grease fi lter effi ciency.
• Use the maximum diameter of the ducting system indicated in this manual to optimize effi ciency and minimize noise.