

product information sheet

Trade Mark	Zanussi
Model	ZFG816X 942051353
Annual Energy Consumption (kWh/year)	96.1
Energy Efficiency class	C
Fluid Dynamic Efficiency	16.5726519337017
Fluid Dynamic Efficiency class	D
Lighting Efficiency (lux/W)	38
Lighting Efficiency class	A
Grease Filtering Efficiency	65.1
Grease Filtering Efficiency class	D
Air flow at minimum and maximum speed in normal use (m3/h)	285/450
Air flow at intensive or boost setting (m3/h)	600
Airborne acoustical A-weighted sound power emissions at minimum and maximum speed in normal use (dB(A))	50/60
Airborne acoustical A-weighted sound power emissions at intensive or boost setting (dB(A))	66
Power consumption in off mode (W)	0.49
Power consumption in standby (W)	0

Attribute Name	Symbol	Value	Unit
Model Denomination		ZFG816X 942051353	
Annual Energy Consumption	AEC _{hood}	96.1	kwh/a
Time increase factor	f	1.403384530386 74	
Fluid Dynamic Efficiency	FDE _{hood}	16.57265193370 17	
Energy Efficiency Index	EEl _{hood}	81.7	
Measured air flow rate at best efficiency point	QBEP	352.9	m ³ /h
Measured air pressure at best efficiency point	PBEP	306	Pa
Maximum air flow	Q _{max}	600,0	m ³ /h
Measured electric power input at best efficiency point	WBEP	181,0	W
Nominal power of the lighting system	WL	5,0	W
Average illumination of the lighting system on the cooking surface	E _{middle}	190	lux
Measured power consumption in standby mode	P _s	0.49	W
Measured power consumption off mode	P _o	0	W
Sound power level	LWA	60	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 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.**