



Technical Document

in accordance with Regulation (EU) No 65/2014 for Range Hood model

1	Name of the supplier	LG Electronics
2	Address of the supplier	Alfred Herrhausen Allee 3-5, 65760 Eschborn, Germany
3	Model Identifier	HT3Z2413S
4	General description	Household Range Hood
5	References of the harmonised standards applied	EN IEC 61591:2020+A11:2020, EN 50564:2011
6	Other technical standards and specifications used	EN 60704-2-13:2017, EN 60704-1:2010+A11:2012
7	Test condition	No additional testing conditions
8	Specific Precaution	No specific precautions other than stated in the documentation accompanying the product
9	list of all equivalent models including the model identifier	-

	Parameter	Declared	Unit	Notes
10	Energy Efficiency Index ($E_{I_{hood}}$)	76,1	-	
11	Energy Efficiency class	C	A+++ - G	
12	Annual Energy Consumption (AEC_{hood})	96,0	kWh/a	
13	Time increase factor (f)	1,3	-	
14	Fluid Dynamic Efficiency (FDE_{hood})	18,4	-	
15	Fluid Dynamic Efficiency Class	C	A - G	
16	Flow rate at best efficiency point (Q_{bep})	390,0	m ³ /h	
17	Static pressure at best efficiency point (P_{bep})	340	Pa	
18	Electric power input at best efficiency point (W_{bep})	200,0	Watt	
19	Average illumination of the lighting system on the cooking surface (E_{middle})	75	lux	
20	Nominal power consumption of the lighting system on the cooking surface (W_L)	1,5	Watt	
21	Lighting Efficiency (LE_{hood})	50	Lux/Watt	
22	Lighting Efficiency Class	A	A - G	
23	Grease Filtering Efficiency	66,0	%	
24	Grease Filtering Efficiency Class	D	A - G	
25	Power consumption in off mode (P_o)	NA	Watt	
26	Power consumption in standby mode (P_s)	NA	Watt	
27	Airborne acoustical A-weighted sound power emissions at minimum	54	dB	
28	Airborne acoustical A-weighted sound power emissions at Maximum	67	dB	
29	if present, the airborne acoustical A-weighted sound power emissions at intensive or boost setting	NA	dB	
30	Air flow values of the domestic range hood at minimum and speed	290,0	m ³ /h	
31	Air flow values of the domestic range hood at maximum speed	640,0	m ³ /h	
32	if present, the air flow value of the domestic range hood at intensive or boost setting	NA	m ³ /h	
33	the details and the results of calculations performed in accordance with Annex II			
34	Additional information			