

Product fiche

Ventilation unit: LG 150 AF

Specific energy consumption (SEC)	manual control		clock control		central demand control	local demand control
cold climate	-72,4	-73,6	-76,0	-80,3	[kWh/(m ² ·a)]	
average climate	-35,7	-36,7	-38,6	-42	[kWh/(m ² ·a)]	
warm climate	-12,1	-12,9	-14,6	-17,4	[kWh/(m ² ·a)]	
Specific energy consumption class	A		A		A	A+ (most efficient)
Type						
"residential ventilation system", "bidirectional ventilation system"						
Motor and drive						
variable speed				x-value	2 [-]	
Type of heat recovery system						
recuperative						
Thermal efficiency of heat recovery						
				η_t	84,2% [-]	
Maximum flow rate						
				q_{Vd}	150 [m ³ /h]	
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate						
				P_E	54,9 [W]	
Sound power level						
				L_{WA}	39 [dB(A)]	
Reference flow rate						
				q_{Vn}	105 [m ³ /h]	
Reference pressure difference						
				p_{tU}	50 [Pa]	
Specific power input						
				SPI	0,25 [W/(m ³ /h)]	
Ventilation control (CTRL)						
local demand control	1	0,95	0,85	0,65	[-]	
Maximum air leakage rate referred to reference flow rate						
internal				q_{vi} / q_{Vn}	0,76% [-]	
external				q_{ve} / q_{Vn}	1,05% [-]	

Filter change

The filters are to be replaced as soon as:

- the warning light appears on the operator control unit "MINI"
- the command to replace the filters appears on the display of the operator control unit "TOUCH" (marked red in the pictures alongside)



Operator control unit "MINI"

Operator control unit "TOUCH"

CAUTION:

If the filters are not changed regularly, the system can not work efficiently and the power consumption increases.

Waste disposal

Units that are no longer in working order have to be dismantled and properly disposed of by a specialized company via suitable collection centres and in compliance with the waste electrical and electronic equipment ordinance (WEEE), which provides for ratification of community law, directive 202/95/EC (RoHS) and the directive 2002/96/EC (the WEEE directive).

Annual electricity consumption (AEC)	' 2	' 3	27	28	QK \ electricity#UQ
Annual heating saved (AHS)					
cold climate	86,0	86,5	87,5	89,5	[kWh primary energy/a]
average climate	44,0	44,2	44,7	45,7	[kWh primary energy/a]
warm climate	19,9	20,0	20,2	20,7	[kWh primary energy/a]

Information based on the current state of knowledge of EU Regulations 1253/2014 and 1254/2014

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Systematic ventilation.

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