

Product fiche

Ventilation unit: LG 150 BF

Specific energy consumption (SEC)	manual control		clock control		central demand control	local demand control
cold climate	-67,2	-68,9	-72,2	-78,0	[kWh/(m ² ·a)]	
average climate	-30,8	-32,3	-35	-39,8	[kWh/(m ² ·a)]	
warm climate	-7,3	-8,6	-11,1	-15,3	[kWh/(m ² ·a)]	
Specific energy consumption class	B	B	A	A		
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 83,4% [-]						
Maximum flow rate q_{Vd} 180 [m ³ /h]						
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate P_E 135,4 [W]						
Sound power level L_{WA} 45 [dB(A)]						
Reference flow rate q_{Vn} 126 [m ³ /h]						
Reference pressure difference p_{tU} 50 [Pa]						
Specific power input SPI 0,399 [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}	0,63% [-]	
external				q_{ve} / q_{Vn}	2,06% [-]	

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)	5Z	5D	4Z	2Z	QK \ electricity#UQ
Annual heating saved (AHS)					
cold climate	85,5	86,0	87,1	89,1	[kWh primary energy/a]
average climate	43,7	44,0	44,5	45,6	[kWh primary energy/a]
warm climate	19,8	19,9	20,1	20,6	[kWh primary energy/a]

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

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Responsible for the content: J. Pichler Gesellschaft m.b.H.

Photos: Archiv J. Pichler Gesellschaft m.b.H. | Text: J. Pichler Gesellschaft m.b.H.

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Systematic ventilation.

J. PICHLER
Gesellschaft m.b.H.

office@pichlerluft.at
www.pichlerluft.at

ÖSTERREICH
9021 KLAGENFURT
AM WÖRTHERSEE
Karlweg 5
T +43 (0)463 32769
F +43 (0)463 37548

ÖSTERREICH
1100 WIEN
Doerenkampgasse 5
T +43 (0)1 6880988
F +43 (0)1 6880988-13

Sales offices in
Slovenia and Serbia.
Sales partners in
Germany, Switzerland
and Italy.