

# Product fiche

# Ventilation unit: LG 740

Specific energy consumption (SEC)	manual control		clock control		central demand control	local demand control
	cold climate	-74,7	-75,8	-77,8	-81,5	[kWh/(m <sup>2</sup> ·a)]
average climate	-37,7	-38,5	-40,1	-42,9	[kWh/(m <sup>2</sup> ·a)]	
warm climate	-13,8	-14,5	-15,9	-18,2	[kWh/(m <sup>2</sup> ·a)]	
<b>Specific energy consumption class</b>	A		A		A	A+ (most efficient)
<b>Type</b> "residential ventilation system", "bidirectional ventilation system"						
<b>Motor and drive</b> variable speed						
					x-value	2 [-]
<b>Type of heat recovery system</b> recuperative						
<b>Thermal efficiency of heat recovery</b>					$\eta_t$	85,5% [-]
<b>Maximum flow rate</b>					$q_{Vd}$	750 [m <sup>3</sup> /h]
<b>Electric power input of the fan drive, including any motor control equipment, at maximum flow rate</b>					$P_E$	265,5 [W]
<b>Sound power level</b>					$L_{WA}$	46 [dB(A)]
<b>Reference flow rate</b>					$q_{Vn}$	525 [m <sup>3</sup> /h]
<b>Reference pressure difference</b>					$p_{tU}$	50 [Pa]
<b>Specific power input</b>					SPI	0,2 [W/(m <sup>3</sup> /h)]
<b>Ventilation control (CTRL)</b>						
local demand control	1	0,95	0,85	0,65	[-]	
<b>Maximum air leakage rate referred to reference flow rate</b>						
internal					$q_{vi} / q_{Vn}$	0,4% [-]
external					$q_{ve} / q_{Vn}$	0,5% [-]

### 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)	1	2	3	4	electricity
<b>Annual heating saved (AHS)</b>					
cold climate	86,8	87,3	88,2	90,0	[kWh primary energy/a]
average climate	44,4	44,6	45,1	46,0	[kWh primary energy/a]
warm climate	20,1	20,2	20,4	20,8	[kWh primary energy/a]

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

Download from: [www.pichlerluft.at](http://www.pichlerluft.at)

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Systematic ventilation.

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