

Specific energy consumption (SEC)	manual control		clock control		central demand control	local demand control
	cold climate	-77,5	-78,5	-80,4	-83,7	[kWh/(m <sup>2</sup> ·a)]
average climate	-38,3	-39,2	-40,8	-43,7	[kWh/(m <sup>2</sup> ·a)]	
warm climate	-13,2	-14,1	-15,6	-18,1	[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>						
				$\eta_t$	92,4% [-]	
<b>Maximum flow rate</b>						
				$q_{Vd}$	150 [m <sup>3</sup> /h]	
<b>Electric power input of the fan drive, including any motor control equipment, at maximum flow rate</b>						
				$P_E$	54,9 [W]	
<b>Sound power level</b>						
				$L_{WA}$	39 [dB(A)]	
<b>Reference flow rate</b>						
				$q_{Vn}$	105 [m <sup>3</sup> /h]	
<b>Reference pressure difference</b>						
				$p_{tU}$	50 [Pa]	
<b>Specific power input</b>						
				SPI	0,25 [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				$q_{vi} / q_{Vn}$	0,86% [-]	
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)	' z	' z	&z	%z	QK \ electricity#UQ
<b>Annual heating saved (AHS)</b>					
cold climate	91,1	91,4	91,8	92,8	[kWh primary energy/a]
average climate	46,6	46,7	46,9	47,4	[kWh primary energy/a]
warm climate	21,1	21,1	21,2	21,4	[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

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