

Specific energy consumption (SEC)	manual control		clock control		central demand control	local demand control
cold climate	-79,6	-80,4	-81,9	-84,6	[kWh/(m ² ·a)]	
average climate	-40,3	-41,0	-42,3	-44,5	[kWh/(m ² ·a)]	
warm climate	-15,2	-15,8	-17,0	-19,0	[kWh/(m ² ·a)]	
Specific energy consumption class	A	A	A+ (most efficient)	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	92,8% [-]		
Maximum flow rate						
			q_{vd}	350 [m ³ /h]		
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate						
			P_E	102,4 [W]		
Sound power level						
			L_{WA}	37,7 [dB(A)]		
Reference flow rate						
			q_{vn}	245 [m ³ /h]		
Reference pressure difference						
			p_{tU}	50 [Pa]		
Specific power input						
			SPI	0,19 [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}	0,33% [-]		
external			q_{ve} / q_{vn}	0,78% [-]		

Filter change

The filters are to be replaced as soon as the command to replace the filters appears on the display of the operator control unit. (marked red in the pictures alongside)

CAUTION:

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



Operator control unit "MINI"



Operator control unit "TOUCH"

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)	28	26	22	15	QK \#m ² UQ
Annual heating saved (AHS)					
cold climate	91,4	91,6	92,1	92,9	[kWh primary energy/a]
average climate	46,7	46,8	47,1	47,5	[kWh primary energy/a]
warm climate	21,1	21,2	21,3	21,5	[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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