

# ERP product fiche LG100 surface-mounted unit - single-room application

EU No 1254/2014

a)	supplier					
b)	model	LG100AP single-room				
c)	specific energy consumption	SEC	kWh/(m <sup>2</sup> a)	warm	average	cold
	energy efficiency class			-	-	
d)	typology	-	-	bidirectional		
e)	type of drive installed	x-value	-	2 (variable speed drive)		
f)	type of heat recovery system	-	-	recuperative		
g)	thermal efficiency of heat recovery	$\eta_t$	%			
h)	maximum flow rate	$q_{vmax}$	m <sup>3</sup> /h			
	pressure difference at maximum flow	$p_{qvmax}$	Pa			
i)	electric power input (total) at $q_{vmax}$ and $p_{qvmax}$	$P_E$	W			
j)	sound power level at reference flow rate $q_{vref}$	$L_{WA}$	dB(A)			
k)	reference flow rate	$q_{vref}$	m <sup>3</sup> /s			
			m <sup>3</sup> /h			
l)	reference pressure difference	$p_{qvref}$	Pa			
m)	SPI	SPI	W/(m <sup>3</sup> /h)			
n)	control factor	STRG	-	0,65 (local demand control)		
	control typology	MISC	-	1,21 (non-ducted)		
o)	internal and external leakage rates	-	%			
p)	mixing rate	$R_{me}/R_{mi}$	%			
q)	position and description of visual filter warning	operating time-controlled filter monitoring indicated by an LED display on the unit and on the MINI control unit				
r)	instructions to install regulated supply/exhaust grilles					
s)	internet address for pre-/dis-assembly instructions					
t)	airflow sensitivity to pressure variations at +/- 20Pa	v	%			
u)	indoor/outdoor air tightness	$q_{v,ia}$	m <sup>3</sup> /h			
v)	annual electricity consumption	AEC	kWh/(m <sup>2</sup> a)			
w)	annual heating saved (AHS) in kWh primary energy	AHS	kWh/(m <sup>2</sup> a)	warm	average	cold

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