

ERP product fiche LG100 ceiling unit

EU No 1254/2014

a)	supplier					
b)	model	LG100DE				
c)	specific energy consumption	SEC	kWh/(m ² 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	η_t	%			
h)	maximum flow rate	q_{vmax}	m ³ /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 ³ /s			
			m ³ /h			
l)	reference pressure difference	p_{qvref}	Pa			
m)	SPI	SPI	W/(m ³ /h)			
n)	control factor	STRG	-	0,85 (central demand control)		
	control typology	MISC	-	1,1 (ducted ventilation unit)		
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 ³ /h			
v)	annual electricity consumption	AEC	kWh/(m ² a)			
w)	annual heating saved (AHS) in kWh primary energy	AHS	kWh/(m ² a)	warm	average	cold

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