

ERP product fiche LG100 ceiling unit

EU No 1254/2014

a)	supplier	J.Pichler GmbH				
b)	model	LG100DE				
c)	specific energy consumption	SEC	kWh/(m ² a)	warm	average	cold
				-11,8	-35,3	-71,7
	energy efficiency class	-	-	A		
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	%	80,4		
h)	maximum flow rate	q_{vmax}	m ³ /h	80		
	pressure difference at maximum flow	p_{qvmax}	Pa	100		
i)	electric power input (total) at q_{vmax} and p_{qvmax}	P_E	W	36,6		
j)	sound power level at reference flow rate q_{vref}	L_{WA}	dB(A)	36,7		
k)	reference flow rate	q_{vref}	m ³ /s	0,016		
			m ³ /h	56		
l)	reference pressure difference	p_{qvref}	Pa	50		
m)	SPI	SPI	W/(m ³ /h)	0,35		
n)	control factor	STRG	-	0,85 (central demand control)		
	control typology	MISC	-	1,1 (ducted ventilation unit)		
o)	internal and external leakage rates	-	%	1,0		
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	www.pichlerluft.at				
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)	3,6		
w)	annual heating saved (AHS) in kWh primary energy	AHS	kWh/(m ² a)	warm	average	cold
				-	43,7	-

Responsible for the content: J. Pichler Gesellschaft m.b.H.

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