AIRUNIT GEMINI – Decentralised domestic ventilation

ErP data sheet

	Description		Values	
a	Supplier		mfh systems GmbH	
b	Model identifier		AIRUNIT GEMINI	
c	SEV class / Specific Energy consumption [kWh/m²a]	cold	A	-82.5
		average		-41.1
		warm		-17.3
d	Ventilation type		Living space ventilation system (WLA) + two-direction ventilation system (ZLA)	
e	Type of drive		Multi-stage drive	
f	Type of heat recovery system		Regenerative	
g	Degree of temperature change η_t [%]		75 %	
h	Highest air volume flow [m³/h]		30	
i	Electrical input power (incl. control) [W]		4	
j	Sound power level L_{wa} [dB(A)]		49	
k	Reference air volume flow [m³/h]		21	
l	Reference pressure difference [Pa]		0	
m	SEL [W/m³/h]		0.13	
n	Control factor		Control according to local demand	
o	Internal and external air leakage rate [%]		0	
p	Mixing rate [%]		No mixed rate available	
q	Location and description of the filter change indicator Please change / clean the filter regularly, to maintain the device properties		Control (optical display)	
r	Instructions for controllable supply and exhaust air grilles on the Facade (only one-direction LG)		–	
s	Website address		www.airunit.info	
t	Pressure fluctuation sensitivity [%]		40 %	
u	Airtightness between inside and outside [m³/h]		3.6	
v	Annual electricity consumption [kWh/(m²a)]		0.9	
w	Annual heating energy savings [kWh/(m²a)]	cold	84.7	
		average	43.3	
		warm	19.6	