AIRUNIT SOLUS 2.0 – Decentralised domestic ventilation

ErP data sheet

	Description		Values			
a	Supplier		mfh systems GmbH			
b	Model identification		AIRUNIT SOLUS 2.0		AIRUNIT SOLUS 2.0^{SE}	
c	SEV class / Specific energy consumption	cold		-85.4		-79.1
		Ø	A+	-42.7	A	-38.6
		warm		-18.2		-15.4
d	Type of ventilation		Living space ventilation system (WLA) + two-directional Ventilation system (ZLA)			
e	Type of drive		Multi-level drive			
f	Type of heat recovery system		Regenerative			
g	Degree of temperature change η_t [%]		81 %			
h	Highest air volume flow [m³/h]		30			
i	Electrical input power (incl. control) [W]		3			
j	Sound power level L_{wa} [dB(A)]		37.8			
k	Reference air volume flow [m³/h]		21			
l	Reference pressure difference [Pa]		0			
m	SEL [W/m³/h]		0.11			
n	Control factor		Control according to local demand		Manual control (no demand control)	
o	Internal and external air leakage rate [%]		0			
p	Mixing quota [%]		–			
q	Location and description of the filter change indicator Please change / clean the filter regularly, to maintain the device properties		Control system (visual indicator)			
r	Instructions for controllable supply and exhaust air grilles on the facade (only one-way LG)		–			
s	Internet address		www.mfh-systems.com			
t	Pressure fluctuation sensitivity [%]		56			
u	Air tightness between inside and outside [m³/h]		3.5			
v	Annual electricity consumption [kWh/(m²a)]		0.6			
w	Annual savings in heating energy [kWh/(m²a)]	cold	87.4		82.8	
		Ø	44.7		42.3	
		warm	20.2		19.1	