Product fiche

HEATRAESADIA

Group: **ENTR Lot 6: Ventilation units (Residential and Non Residential)**
Section: **RVE EVE**
Reference: **EU/1254/2014, Annex IV**

Description of the device

Brand:	**Heatrae Sadia**
Type:	**CVE ECO 2 (03-00445)**

Technical specifications

Specific energy consumption class		D	
Specific energy consumption, under average climate conditions	SEC =	-20,00	kWh/(m²a)
Specific energy consumption, under warmer climate conditions	SEC =	-8,00	kWh/(m²a)
Specific energy consumption, under colder climate conditions	SEC =	-41,00	kWh/(m²a)
Type of ventilation unit	VU =	Residential ventilation unit (RVU)	
		Unidirectional ventilation unit (UVU)	
Type of drive		Variable speed	
Type of heat recovery system	HRS =	None	
Thermal efficiency of heat recovery	η_t =	Not applicable	%
Maximum flow rate	q_{max} =	415	m³/h
Electric power input of the fan drive, at maximum flow rate	P_{max} =	62	W
Sound power level	L_{WA} =	52	dB
Reference flow rate	q_{ref} =	0,0800	m³/s
Reference pressure difference	ΔP_{ref} =	50	Pa
Specific power input	SPI	0,088	W/(m³/h)
Control factor	CTRL	0,85	
External leakage rates for ducted unidirectional ventilation units		0,0	%

Instructions to install regulated supply/exhaust grilles in the façade for natural air supply/extraction

Pre-/dis-assembly instructions

https://www.heatraesadia.com/

Airflow sensitivity to pressure variations at +20 Pa and -20 Pa		-	
Indoor/outdoor air tightness		-	m³/h
Annual electricity consumption	AEC =	0,79	kWh
Annual heating saved, under average climate conditions	AHS =	22,00	kWh
Annual heating saved, under warmer climate conditions	AHS =	10,00	kWh
Annual heating saved, under colder climate conditions	AHS =	43,00	kWh