

Breezy Eco 160 Smart



Single-room heat recovery ventilator

- Maximum airflow: 48
- Sound pressure level LpA at 3 m: 40
- Motor type: EC
- Reheater: Electric
- Control: Smartphone
- Casing material: ABS Plastic
- Humidity sensor
- CO2 sensor
- VOC sensor
- Temperature sensor

	Unit of measurement	Breezy Eco 160 Smart
Speed	-	0
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Rated power	W	8
Maximum airflow	m ³ /h	48
Sound pressure level LpA at 3 m	dB(A)	40
Heat recovery efficiency, max	%	92
Heat exchanger material	-	Ceramic
Transported air temperature (max)	°C	50
Transported air temperature (min)	°C	-30
Ingress protection rating	-	IP24
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	81.2
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	40
SEC Class Average	-	A
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	16.4

SEC Class Warm	-	E
Unit category	-	RVU
Type of ventilation unit	-	Bidirectional
Type of drive installed	-	Variable speed
Type of heat recovery system	-	Regenerative
Thermal efficiency of heat recovery	%	74
Maximum flow rate	m ³ /h	48
Electric power input	W	8
Reference flow rate	m ³ /s	0.01
Specific power input (SPI)	W/(m ³ /h)	0.2
Control typology	-	Local demand control
Maximum internal leakage rates	%	0.1
Maximum external leakage rates	%	0.9
Mixing rate	%	1
Airflow sensitivity at +20 Pa and -20 Pa	%	0.93
The indoor/outdoor air tightness	m ³ /h	7
Cold - The annual electricity consumption (AEC)	kWh/a	116
Average - The annual electricity consumption (AEC)	kWh/a	116
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	116
Cold - The annual heating saved (AHS)	kWh/a	84
The annual heating saved (AHS) Average	kWh/a	43
The annual heating saved (AHS) Warm	kWh/a	19
Sound power level	dB(A)	46
Declared typology	-	RVU BVU

Dimensions

ØD	L	L1
162	540	439

