

Breezy 160-E Smart



Smart HRV units for single-room ventilation

- Power of electrical preheater: 100
- Maximum airflow: 57
- Sound pressure level LpA at 3 m: 42
- Heat recovery efficiency: 88
- Filter: G3
- Motor type: EC
- Preheater: Electric
- Control: Smartphone
- Casing material: Plastic
- Humidity sensor
- CO2 sensor
- VOC sensor
- Temperature sensor: Built-in

	Unit of measurement	Breezy 160-E Smart
Connected air duct size	mm	160
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	22
Power of electrical preheater	W	100
Unit current	A	0.62
Maximum airflow	m ³ /h	57
Sound pressure level LpA at 3 m	dB(A)	42
Heat recovery efficiency	%	88
Heat recovery efficiency, max	%	88
Heat exchanger material	-	Copper
Filter	-	G3
Transported air temperature (max)	°C	50
Transported air temperature (min)	°C	-30
Ingress protection rating	-	IPX4
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	67.8
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	35.1

SEC Class Average	-	A
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	13.7
SEC Class Warm	-	E
Unit category	-	RVU
Type of ventilation unit	-	Bidirectional
Type of drive installed	-	Variable speed
Type of heat recovery system	-	Recuperative
Thermal efficiency of heat recovery	%	60
Maximum flow rate	m ³ /h	50
Electric power input	W	22
Reference flow rate	m ³ /s	0.011
Specific power input (SPI)	W/(m ³ /h)	0.301
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	757
Average - The annual electricity consumption (AEC)	kWh/a	220
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	175
Cold - The annual heating saved (AHS)	kWh/a	78
The annual heating saved (AHS) Average	kWh/a	40
The annual heating saved (AHS) Warm	kWh/a	18
Maximum wall thickness	mm	440
Sound power level	dB(A)	54
Declared typology	-	RVU BVU

Dimensions

D	L	L1
162	540	440

