

# TT Silent-M 100 EC



Mixed-type duct fans with EC motors in casings with noise and heat insulation

- Maximum airflow: 300
- Sound pressure level LpA at 3 m: 37
- Sound insulation
- Motor type: EC
- Impeller type: Mixed
- Casing material: Coated steel
- Installation in any position

	Unit of measurement	TT Silent-M 100 EC
Connected air duct size	mm	100
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	30
Unit current	A	0.29
Maximum airflow	m <sup>3</sup> /h	300
Sound pressure level LpA at 3 m	dB(A)	37
Weight	kg	4.9
Transported air temperature (max)	°C	55
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m <sup>3</sup> /a)	53.9
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m <sup>3</sup> /a)	26.9
SEC Class Average	-	B
Warm - Specific energy consumption (SEC)	kWh/(m <sup>3</sup> /a)	11.4
SEC Class Warm	-	E
Unit category	-	RVU

Type of ventilation unit	-	Unidirectional
Type of drive installed	-	Variable speed
Type of heat recovery system	-	None
Maximum flow rate	m <sup>3</sup> /h	200
Electric power input	W	30
Reference flow rate	m <sup>3</sup> /s	0.039
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m <sup>3</sup> /h)	0.109
Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	58
Average - The annual electricity consumption (AEC)	kWh/a	58
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	58
Cold - The annual heating saved (AHS)	kWh/a	5536
The annual heating saved (AHS) Average	kWh/a	2830
The annual heating saved (AHS) Warm	kWh/a	1280
Declared typology	-	RVU UVU
Sound power level	dB(A)	57

## Dimensions

ØD	B	B1	L	H
98	215	332	505	247

