

TT Silent-M 160 EC



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

- Maximum airflow: 600
- Sound pressure level LpA at 3 m: 38
- Sound insulation
- Motor type: EC
- Impeller type: Mixed
- Casing material: Coated steel
- Installation in any position

	Unit of measurement	TT Silent-M 160 EC
Connected air duct size	mm	160
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	55
Unit current	A	0.48
Maximum airflow	m ³ /h	600
Sound pressure level LpA at 3 m	dB(A)	38
Weight	kg	6
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 ³ /a)	54.6
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ³ /a)	27.5
SEC Class Average	-	B
Warm - Specific energy consumption (SEC)	kWh/(m ³ /a)	12
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 ³ /h	508
Electric power input	W	54.3
Reference flow rate	m ³ /s	0.099
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.058
Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	31
Average - The annual electricity consumption (AEC)	kWh/a	31
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	31
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
157	247	372	580	265

