

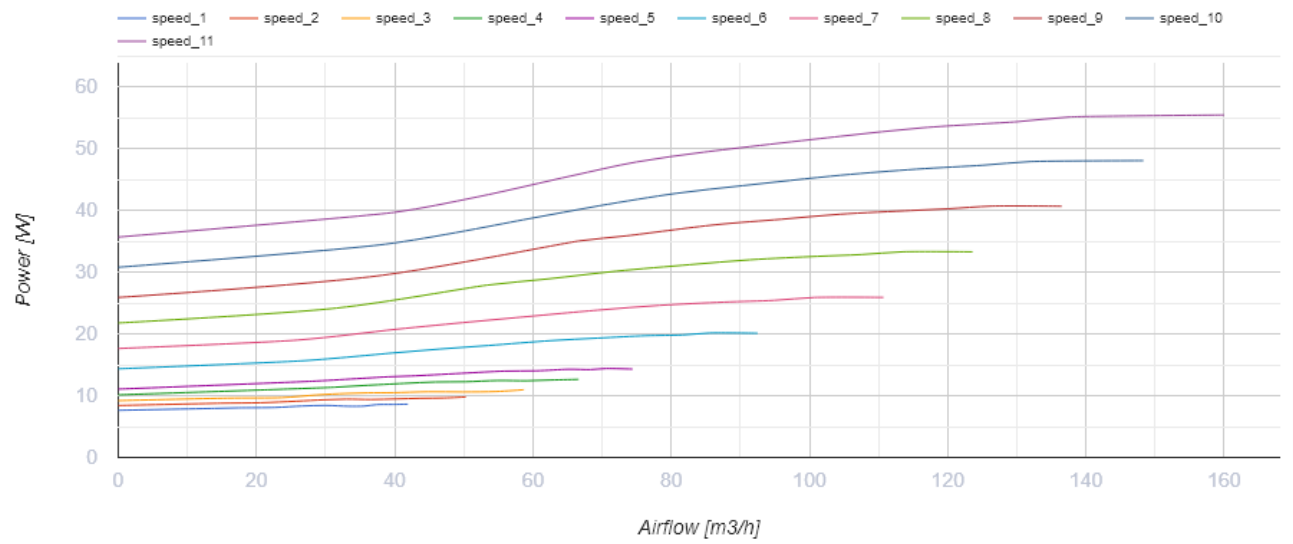
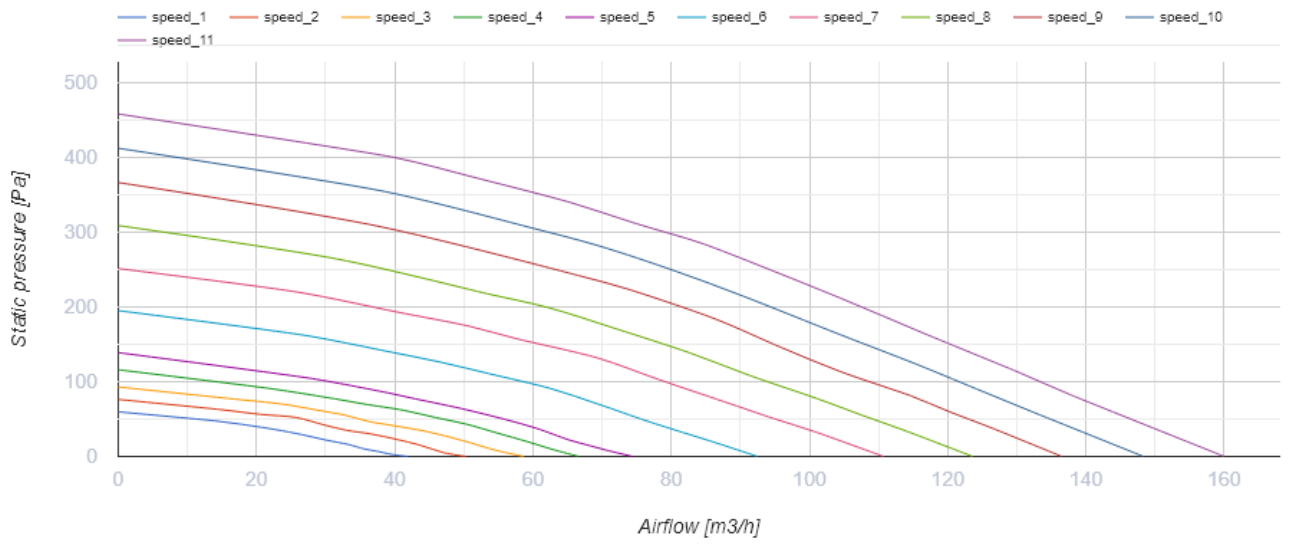
# Hybrid Max E S21

Decentralized unit for the small offices, facilities, classrooms and living spaces



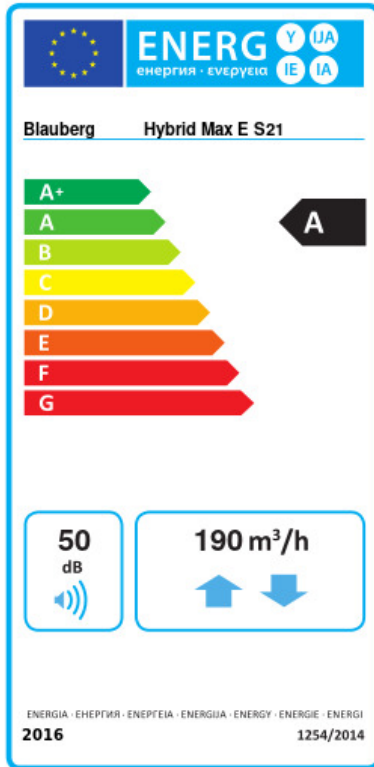
- Power of electrical preheater: 800
- Maximum airflow: 160
- Sound pressure level LpA at 3 m: 32
- Sound pressure level LpA at 1 m: 42
- Heat exchanger type: Counter flow
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Reheater: Electric
- BMS protocol: ModBus
- Control: Wireless control panel
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- Temperature sensor: Built-in

	Unit of measurement	Hybrid Max E S21		
Connected air duct size	mm	125		
Speed	-	3		
Minimum supply voltage	V	230		
Maximum supply voltage	V	230		
Power supply frequency	Hz	50/60		
Rated power	W	58		
Power of electrical preheater	W	800		
Unit current	A	0.5		
Maximum airflow	m <sup>3</sup> /h	60	90	160
Sound pressure level LpA at 3 m	dB(A)	32		
Sound pressure level LpA at 1 m	dB(A)	42		
Heat recovery efficiency, max	%	95		
Heat exchanger type	-	Counter flow		
Heat exchanger material	-	Polystyrene		
Weight	kg	47		
Transported air temperature (max)	°C	40		
Transported air temperature (min)	°C	-25		



## Dimensions

## Ecodesign



Trademark	Blauberg					
Model	Hybrid Max E S21					
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold		Average		Warm	
	-76.3	A+	-40.1	A	-16.7	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Recuperative					
Thermal efficiency of heat recovery (%)	76					
Maximum flow rate (m <sup>3</sup> /h)	190					
Electric power input (W)	58					
Reference flow rate (m <sup>3</sup> /s)	0.038					
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.207					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Airflow sensitivity at +20 Pa and -20 Pa (%)	0					
Declared typology	RVU BVU					
Sound power level (dB(A))	50					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	703		166		121	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	8517		4354		1969	