

# Hybrid Max E S21

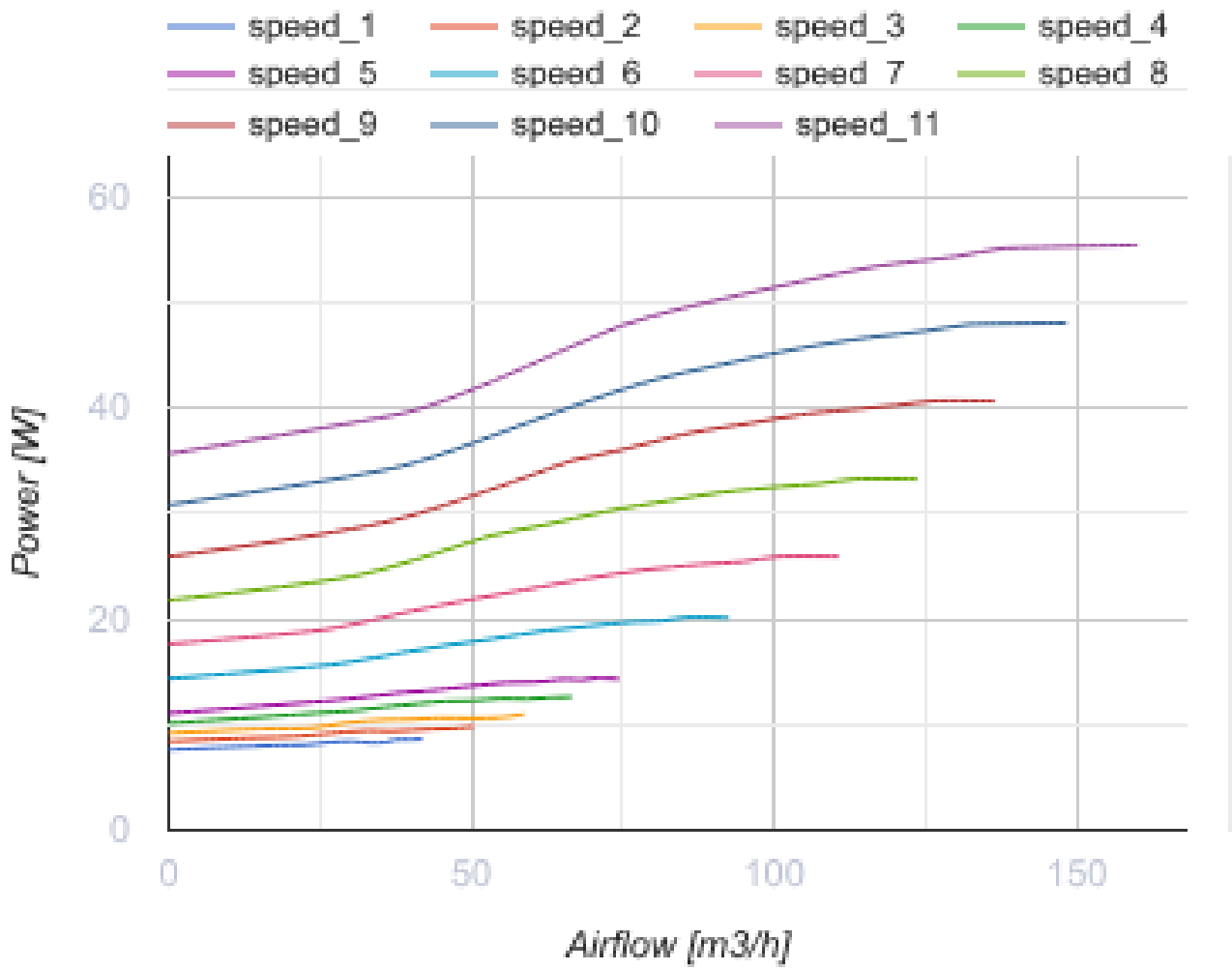
Decentralized unit for the small offices, facilities, classrooms and living spaces



- Power of electrical preheater: 800
- Sound pressure level LpA at 1 m: 42
- Heat exchanger type: Counter flow
- Heat exchanger material: Polystyrene
- Sound-insulated casing
- Bypass: Auto
- Reheater: Electric
- BMS protocol: ModBus
- Control: Smartphone, Built-in control panel, Wireless control panel
- Casing material: Galvanized steel
- CO2 sensor: Optional
- Temperature sensor: Built-in

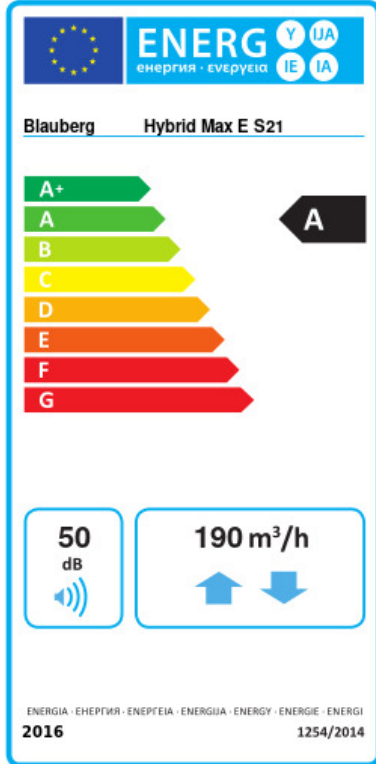
	Unit of measurement	Hybrid Max E S21
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Power of electrical preheater	W	800
Sound pressure level LpA at 1 m	dB(A)	42
Heat recovery efficiency, max	%	95
Heat exchanger type	-	Counter flow
Heat exchanger material	-	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			