

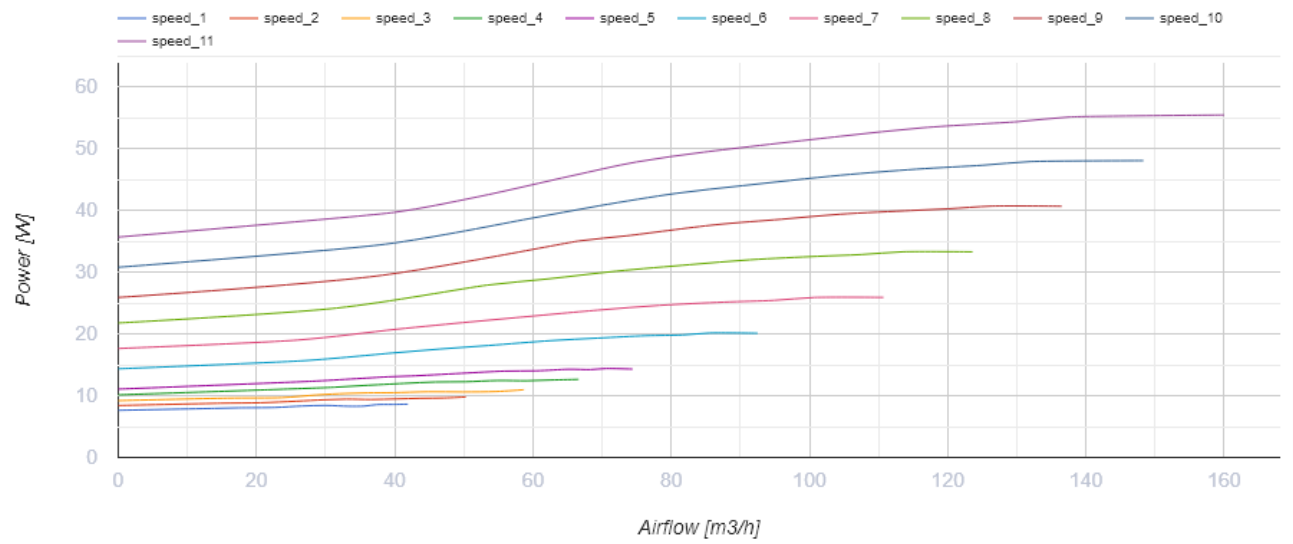
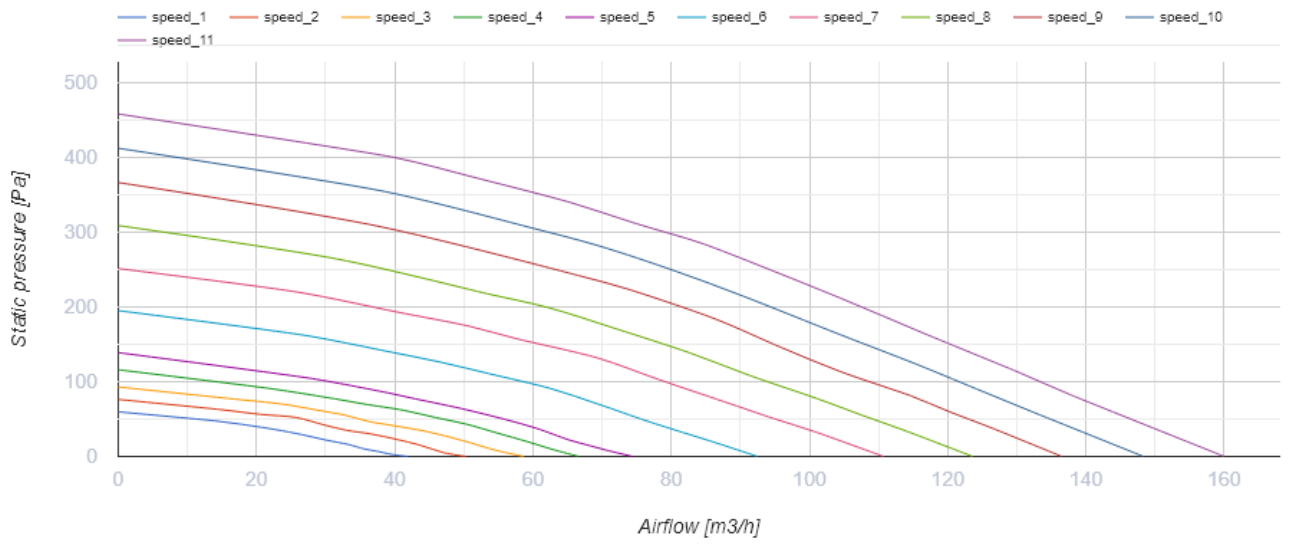
Hybrid Max E S21

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



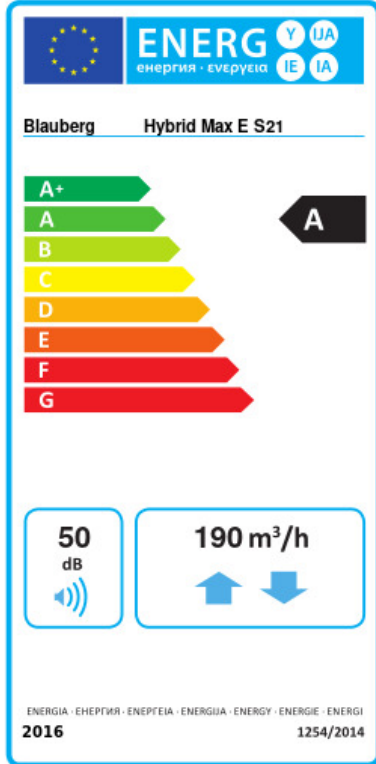
- Power of electrical preheater: 800
- Maximum airflow: 160
- Sound pressure level LpA at 3 m: 32
- Sound pressure level LpA at 1 m: 42
- Heat exchanger type: Counter flow
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Reheater: Electric
- BMS protocol: ModBus
- Control: Wireless control panel
- 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 ³ /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 | Blaubeurg | | | | | |
| Model | Hybrid Max E S21 | | | | | |
| Specific energy consumption (SEC) (kWh/(m ² /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 ³ /h) | 190 | | | | | |
| Electric power input (W) | 58 | | | | | |
| Reference flow rate (m ³ /s) | 0.038 | | | | | |
| Specific power input (SPI) (W/(m ³ /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 | |