

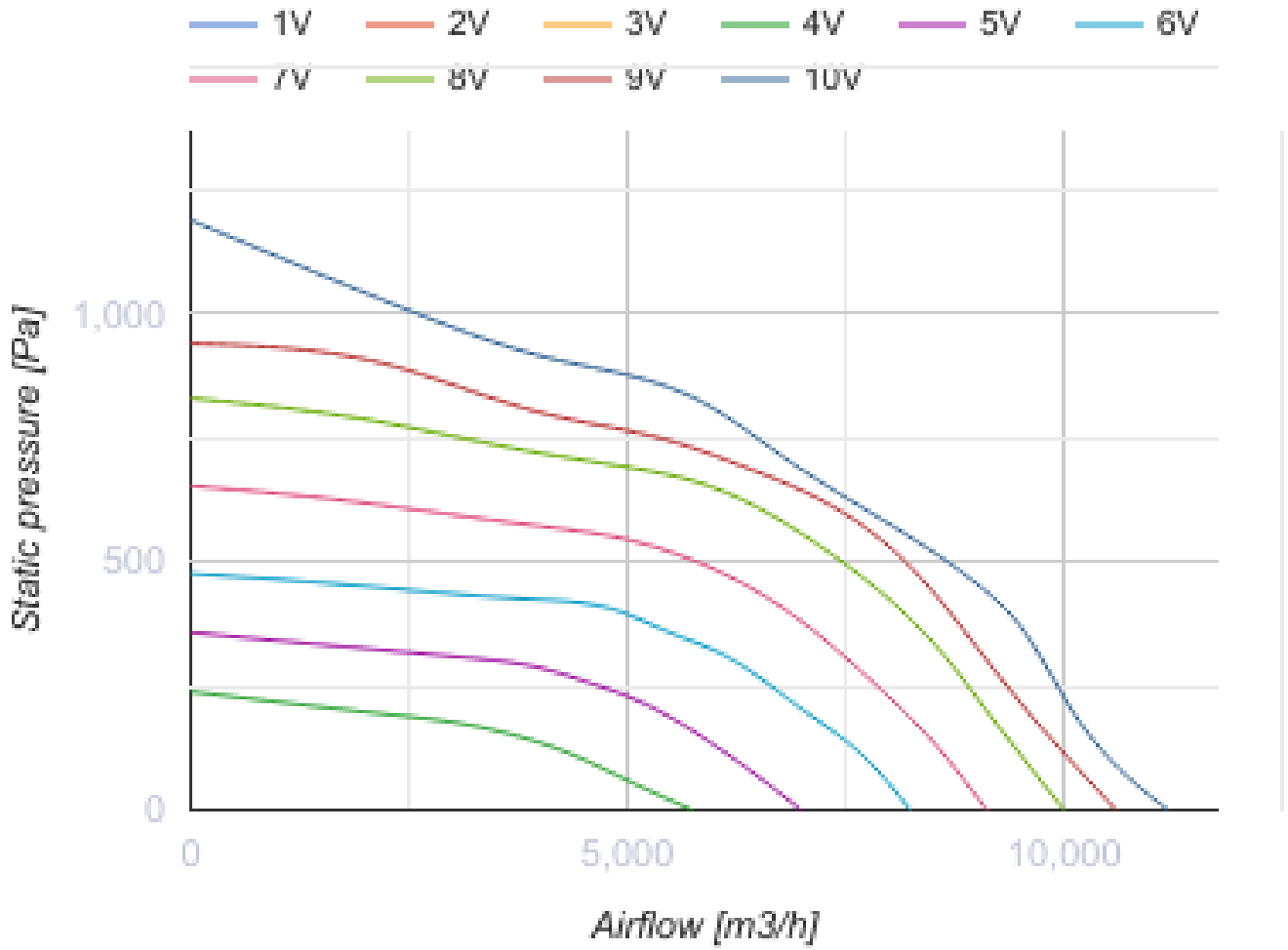


## Box EC 90x50-3 max

Centrifugal fans with EC motor for rectangular ducts

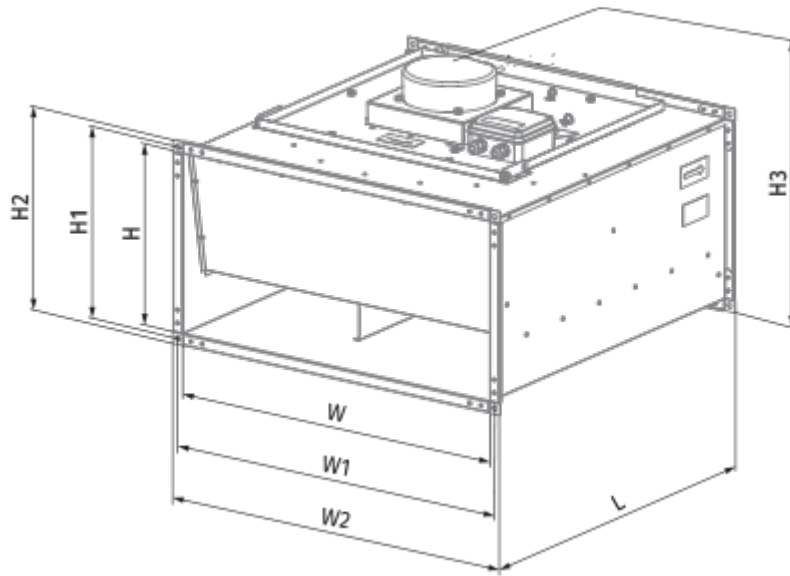
- Maximum airflow: 11190
- Sound pressure level LpA at 3 m: 66
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel
- Installation in any position

|                                        | Unit of measurement | Box EC 90x50-3 max |
|----------------------------------------|---------------------|--------------------|
| Connected air duct size                | mm                  | 900x500            |
| Speed                                  | -                   | 1                  |
| Minimum supply voltage                 | V                   | 400                |
| Maximum supply voltage                 | V                   | 400                |
| Power supply frequency                 | Hz                  | 50/60              |
| Rated power                            | W                   | 3429               |
| Unit current                           | A                   | 5                  |
| Maximum airflow                        | m <sup>3</sup> /h   | 11190              |
| Sound pressure level LpA at 3 m        | dB(A)               | 66                 |
| Weight                                 | kg                  | 72                 |
| Transported air temperature (max)      | °C                  | 50                 |
| Transported air temperature (min)      | °C                  | -25                |
| Ingress protection rating              | -                   | IPX4               |
| Ingress protection rating of the drive | -                   | IP54               |



## Dimensions

| H   | H1  | H2  | H3  | L   | W   | W1  | W2  |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 500 | 520 | 540 | 656 | 950 | 900 | 920 | 940 |



## Ecodesign

|                                       |                    |
|---------------------------------------|--------------------|
| Trademark                             | Blauberg           |
| Model                                 | Box EC 90x50-3 max |
| Type of ventilation unit              | Unidirectional     |
| Type of drive installed               | Integrated VSD     |
| Type of heat recovery system          | None               |
| Nominal flow rate (m <sup>3</sup> /s) | 1.509              |
| Nominal external pressure (Pa)        | 362                |
| Maximum external leakage rates (%)    | 2.7                |
| Static efficiency (%)                 | 62.3               |
| Sound power level (dB(A))             | 86                 |
| Declared typology                     | NRVU UVU           |
| Effective electric power input (kW)   | 0.974              |

## Accessories

### Other accessories

| Name                       | Photo                                                                               | Description                 |
|----------------------------|-------------------------------------------------------------------------------------|-----------------------------|
| <a href="#">CDT E/0-10</a> |  | Speed control for EC motors |