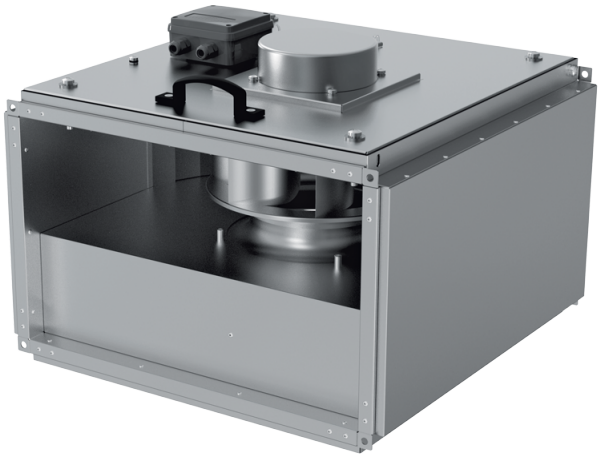
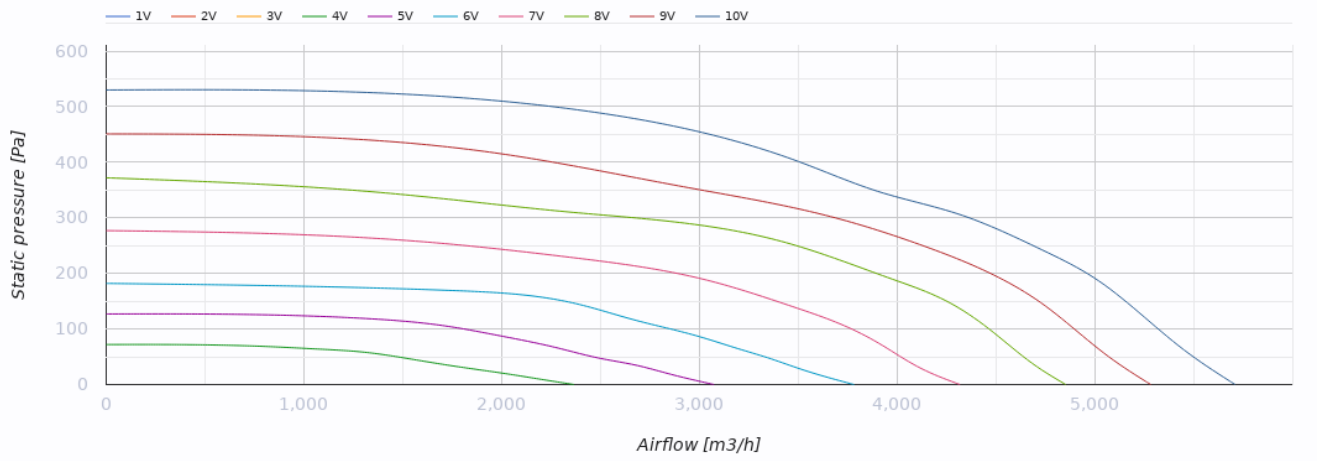


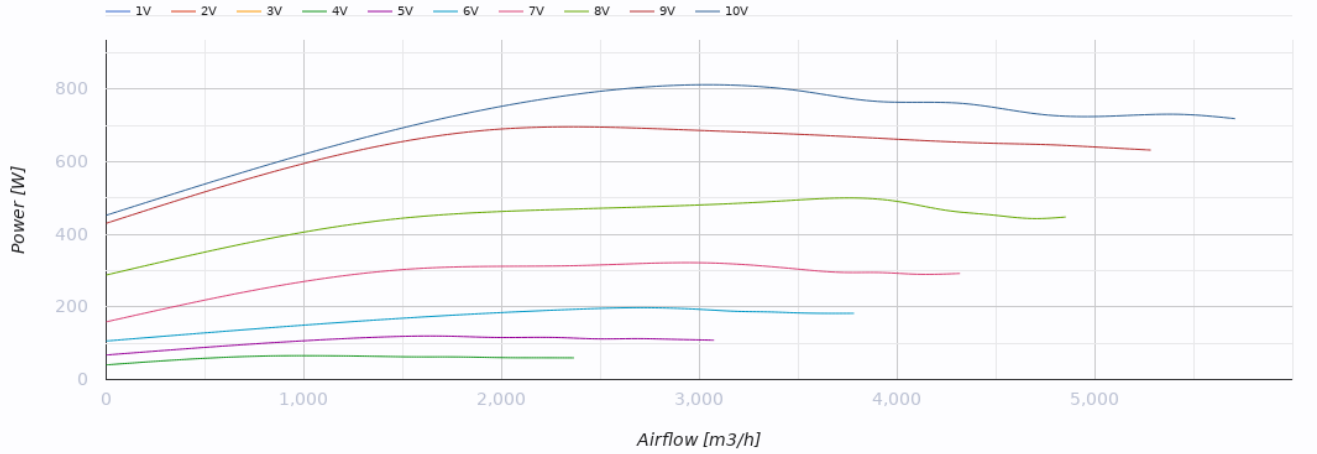
# Box-I EC 70x40-1

Centrifugal inline fans with backward curved blades in sound-insulated casings with EC-motors

- Sound-insulated casing
- Impeller type: Centrifugal impeller with backward curved blades
- Casing material: Galvanized steel
- Installation in any position

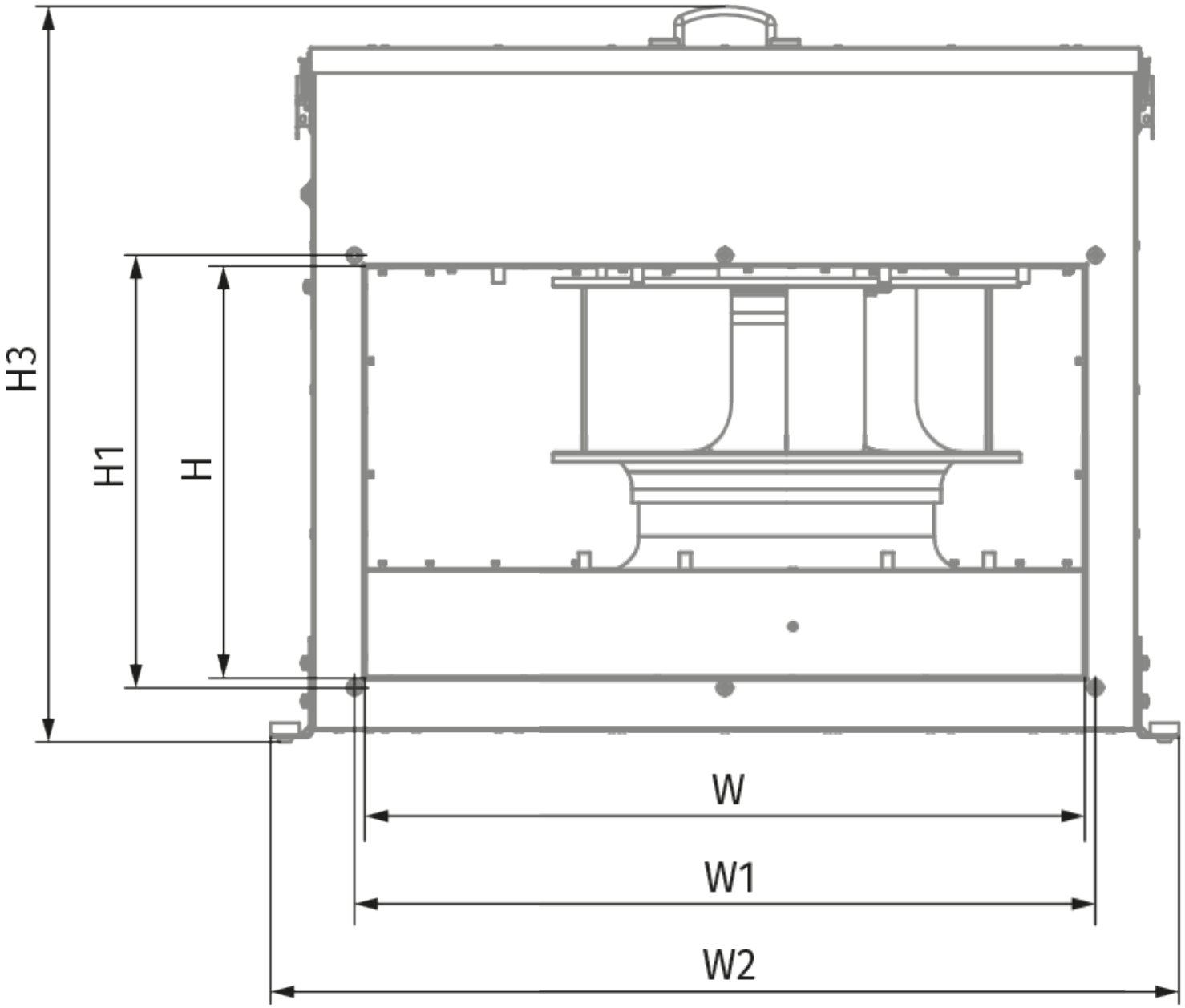
| | Unit of measurement | Box-I EC 70x40-1 |
|---|---|---|
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Maximum airflow | $m^3/h$ | 5710 |
| Weight | kg | 82.6 |
| Transported air temperature (max) | °C | 50 |
| Transported air temperature (min) | °C | -25 |
| Ingress protection rating | - | IPX4 |
| Ingress protection rating of the drive | - | IP54 |
| Impeller material | - | Aluminium |

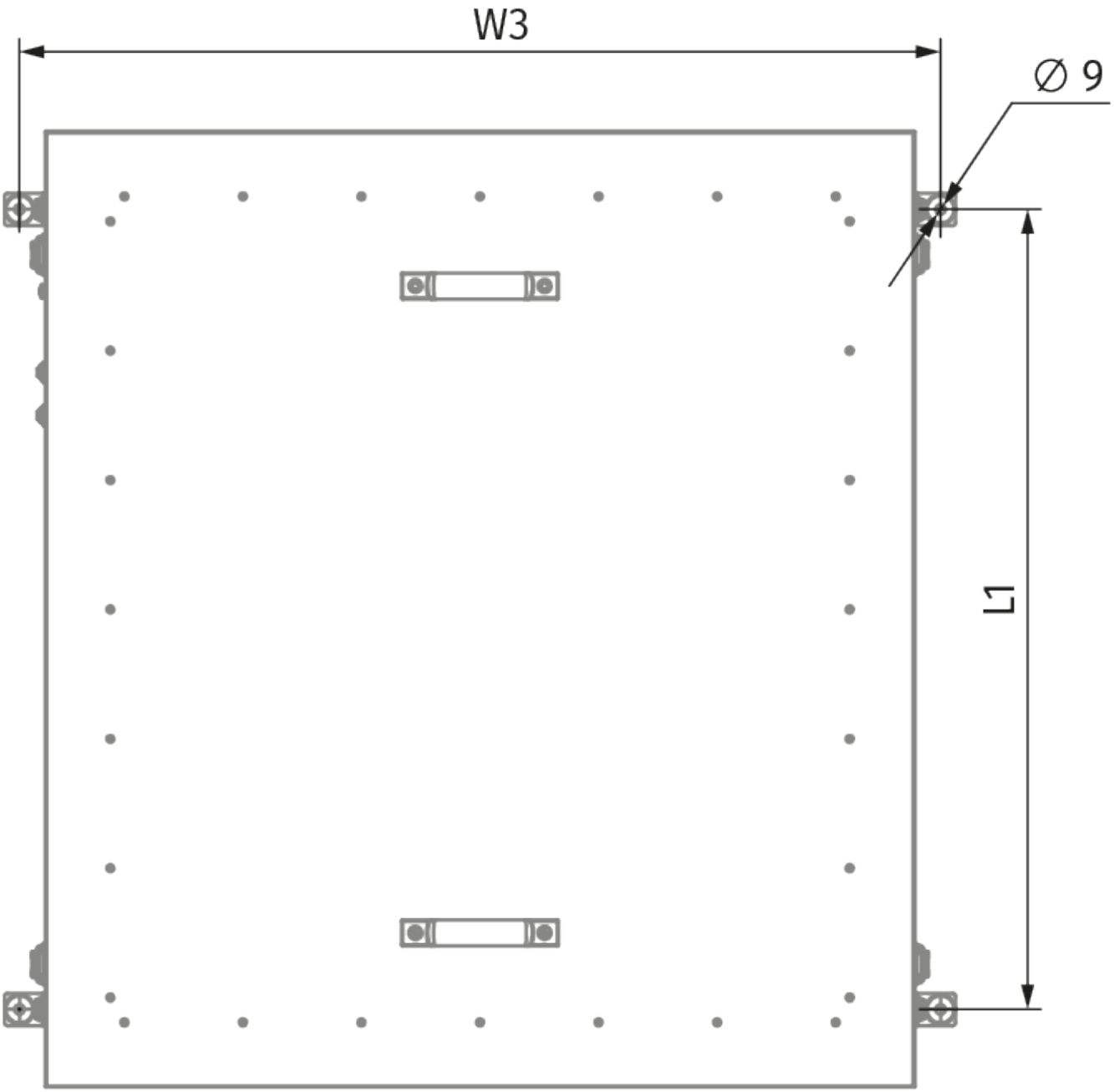


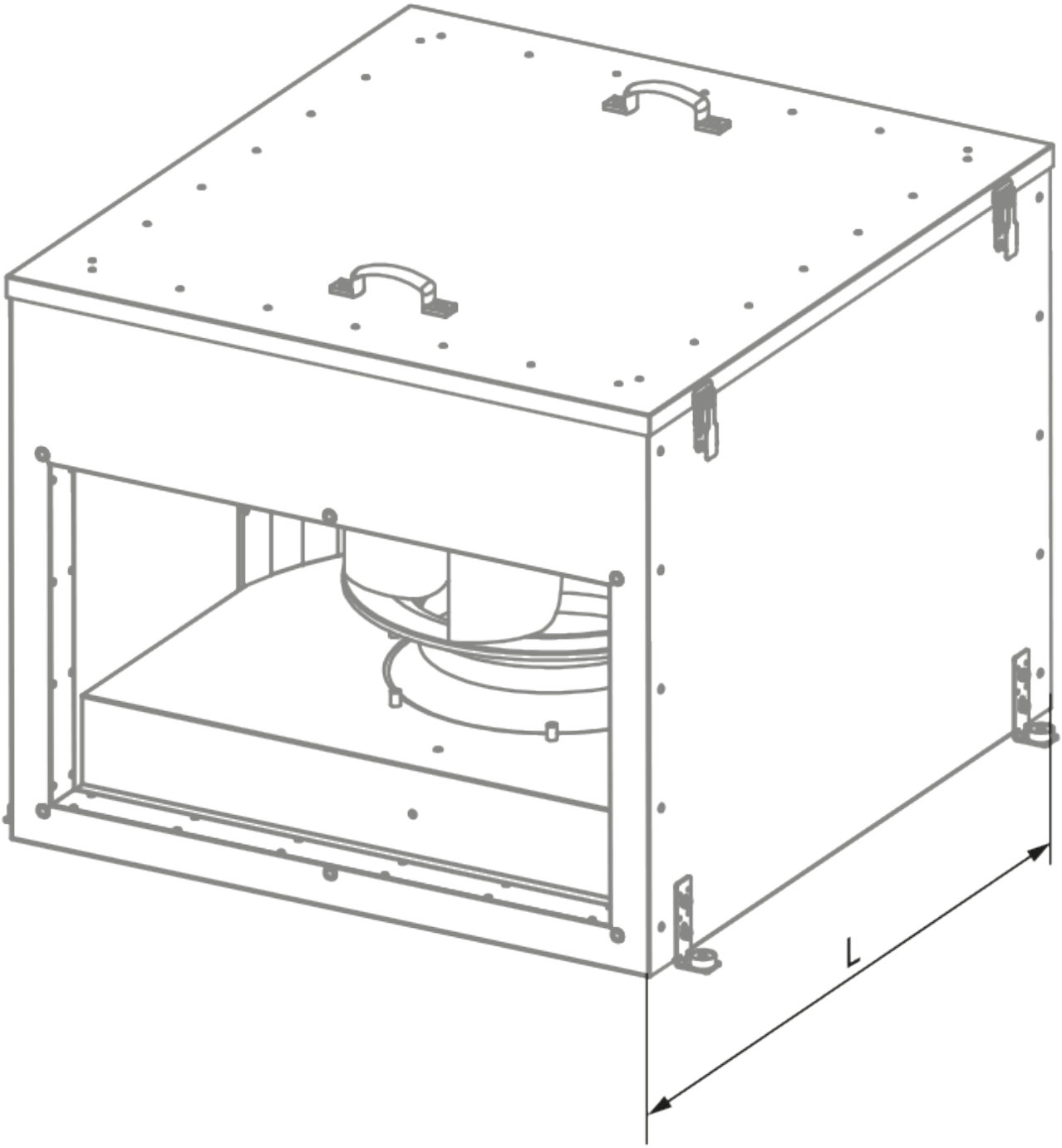




## Dimensions

| H | H1 | H3 | L | L1 | W | W1 | W2 | W3 |
|---|---|---|---|---|---|---|---|---|
| 400 | 420 | 714 | 882 | 742 | 700 | 720 | 883 | 855 |


H3
H1
H
W
W1
W2


W3
Ø 9
L1


L

## Ecodesign

| | |
|---|---|
| Trademark | Blauberg |
| Model | Box-I EC 70x40-1 |
| Type of ventilation unit | Unidirectional |
| Type of drive installed | Integrated VSD |
| Type of heat recovery system | None |
| Nominal external pressure (Pa) | 145 |
| Maximum external leakage rates (%) | 2.7 |
| Static efficiency (%) | 57.5 |
| Declared typology | NRVU UVU |
| Effective electric power input (kW) | 0.194 |
| Sound power level (dB(A)) | 57 |