

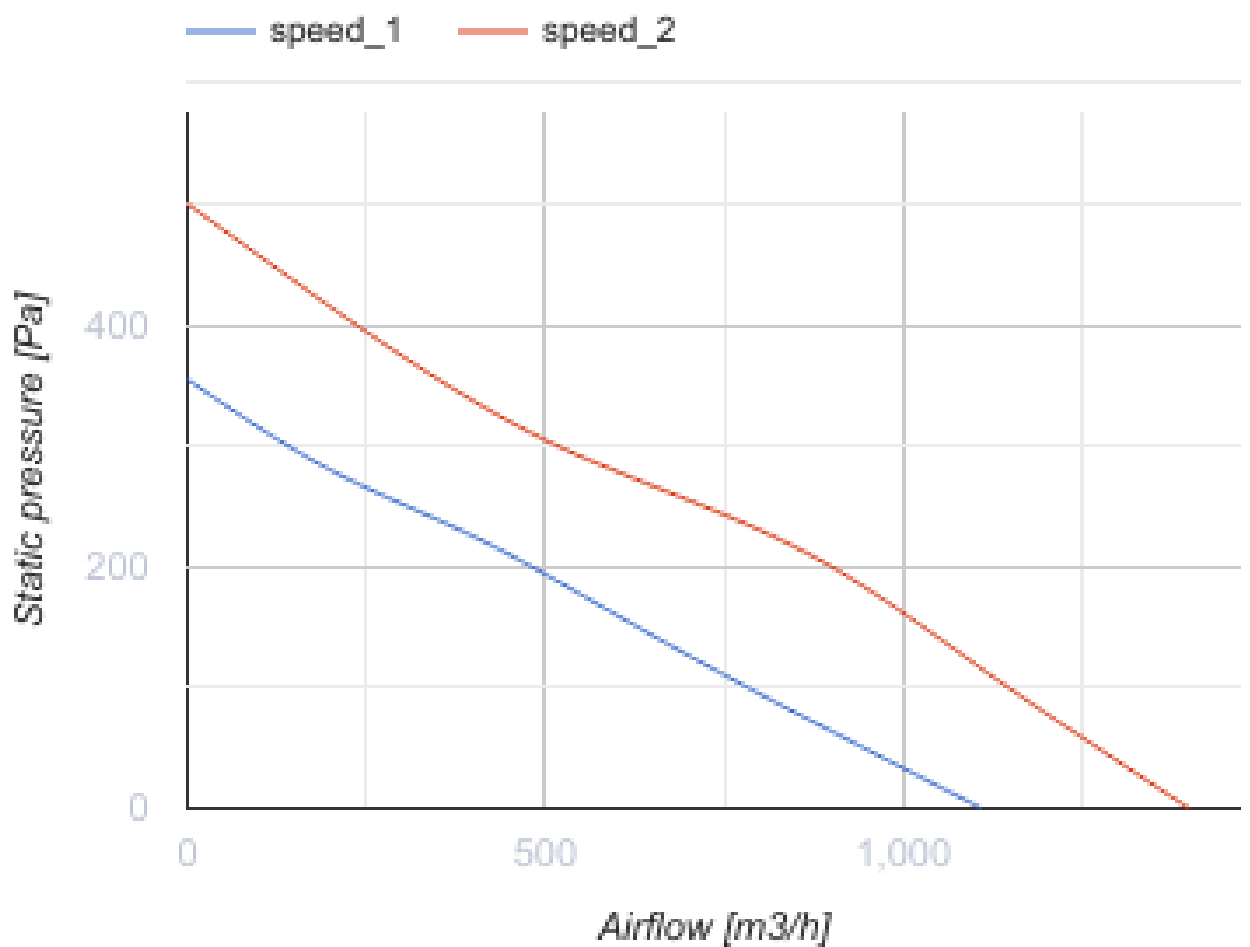


# Iso-Mix 250 USW1

Mixed-flow inline fans in sound-insulated casings

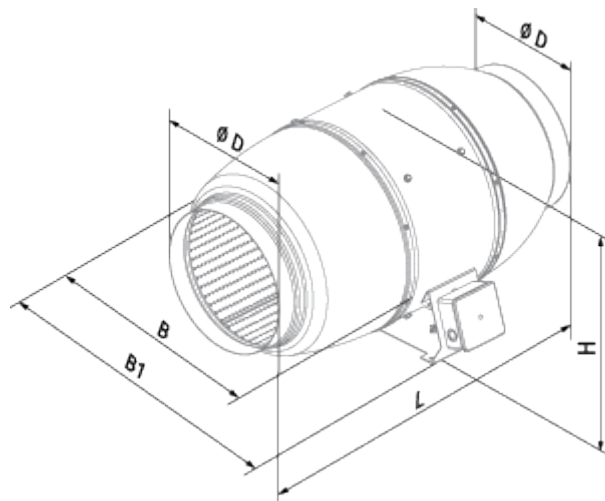
- Maximum airflow: 1315
- Sound pressure level LpA at 3 m: 38
- Sound insulation
- Motor type: AC
- Control: Built-in speed controller
- Impeller type: Mixed-flow
- Casing material: Coated steel
- Installation in any position
- Cable with mains plug

|                                        | Unit of measurement | Iso-Mix 250 USW1 |      |
|----------------------------------------|---------------------|------------------|------|
| Connected air duct size                | mm                  | 250              |      |
| Speed                                  | -                   | 2                |      |
| Phases                                 | -                   | 1                |      |
| Minimum supply voltage                 | V                   | 230              |      |
| Maximum supply voltage                 | V                   | 230              |      |
| Power supply frequency                 | Hz                  | 50/60            |      |
| Rated power                            | W                   | 127              | 178  |
| Unit current                           | A                   | 0.79             | 0.52 |
| Maximum airflow                        | m <sup>3</sup> /h   | 1035             | 1315 |
| Sound pressure level LpA at 3 m        | dB(A)               | 34               | 38   |
| Weight                                 | kg                  | 15               |      |
| Transported air temperature (max)      | °C                  | 60               |      |
| Ingress protection rating              | -                   | IPX4             |      |
| Ingress protection rating of the drive | -                   | IP44             |      |



## Dimensions

| ØD  | B   | B1  | L   | H   |
|-----|-----|-----|-----|-----|
| 248 | 358 | 445 | 658 | 360 |



## Ecodesign

|                                       |                     |
|---------------------------------------|---------------------|
| Trademark                             | Blauberg            |
| Model                                 | Iso-Mix 250 USW1    |
| Type of ventilation unit              | Unidirectional      |
| Type of drive installed               | External MSD or VSD |
| Type of heat recovery system          | None                |
| Nominal flow rate (m <sup>3</sup> /s) | 0.223               |
| Nominal external pressure (Pa)        | 236                 |
| Maximum external leakage rates (%)    | 2.7                 |
| Static efficiency (%)                 | 30.9                |
| Declared typology                     | NRVU UVU            |
| Effective electric power input (kW)   | 0.174               |
| Sound power level (dB(A))             | 56                  |

## Accessories

### Other accessories

| Name                      | Photo                                                                               | Description                |
|---------------------------|-------------------------------------------------------------------------------------|----------------------------|
| <a href="#">CDP-2/5</a>   |  | Multi-speed switch         |
| <a href="#">CDT E1.8</a>  |  | Thyristor speed controller |
| <a href="#">CDP-2/10</a>  |  | Multi-speed switch         |
| <a href="#">CDT1 E1.5</a> |  | Multi-speed switches       |

### Other accessories

| Name                        | Photo                                                                               | Description |
|-----------------------------|-------------------------------------------------------------------------------------|-------------|
| <a href="#">TE / TI 1.5</a> |  | Timers      |

|                                 |                                                                                   |         |
|---------------------------------|-----------------------------------------------------------------------------------|---------|
| <a href="#">HSE / HSI 1.5</a>   |  | Sensors |
| <a href="#">LSE / LSI 1.5</a>   |  | Sensors |
| <a href="#">IRSE / IRSI 1.5</a> |  | Sensors |

### Other accessories

| Name                        | Photo                                                                               | Description               |
|-----------------------------|-------------------------------------------------------------------------------------|---------------------------|
| <a href="#">SD 250/1200</a> |    | Silencers for round ducts |
| <a href="#">SD 250/900</a>  |    | Silencers for round ducts |
| <a href="#">SD 250/600</a>  |  | Silencers for round ducts |

### Other accessories

| Name                        | Photo                                                                               | Description                                      |
|-----------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------|
| <a href="#">KFBK 250</a>    |  | Filter boxes for round ducts                     |
| <a href="#">KFBT 250 G4</a> |  | Filter boxes with pocket filters for round ducts |
| <a href="#">KFBT 250 F5</a> |  | Filter boxes with pocket filters for round ducts |
| <a href="#">KFBT 250 F7</a> |  | Filter boxes with pocket filters for round ducts |

### Other accessories

| Name                        | Photo                                                                               | Description                             |
|-----------------------------|-------------------------------------------------------------------------------------|-----------------------------------------|
| <a href="#">EKH 250-1.2</a> |  | Duct electrical heaters for round ducts |

|                             |                                                                                     |                                         |
|-----------------------------|-------------------------------------------------------------------------------------|-----------------------------------------|
| <a href="#">EKH 250-2.0</a> |    | Duct electrical heaters for round ducts |
| <a href="#">EKH 250-2.4</a> |    | Duct electrical heaters for round ducts |
| <a href="#">EKH 250-3.0</a> |    | Duct electrical heaters for round ducts |
| <a href="#">EKH 250-3.6</a> |    | Duct electrical heaters for round ducts |
| <a href="#">EKH 250-6.0</a> |    | Duct electrical heaters for round ducts |
| <a href="#">EKH 250-9.0</a> |    | Duct electrical heaters for round ducts |
| <a href="#">WKH 250-2</a>   |   | Duct water heaters for round ducts      |
| <a href="#">WKH 250-4</a>   |  | Duct water heaters for round ducts      |

## Other accessories

| Name                    | Photo                                                                               | Description                                   |
|-------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|
| <a href="#">VRV 250</a> |  | Backdraft dampers with spring for round ducts |
| <a href="#">VKA 250</a> |  | Air dampers for round ducts                   |