

# Iso Box-F 150 G4/F8 L V2

Sound-insulated inline centrifugal fans with filters



- Maximum airflow: 310
- Sound pressure level LpA at 3 m: 25
- Sound insulation
- Motor type: AC
- Impeller type: Centrifugal impeller with backward curved blades
- Casing material: Coated steel
- Installation in any position

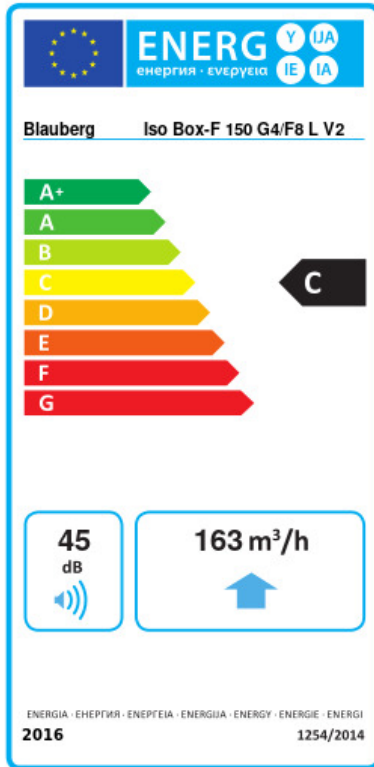
|  | Unit of measurement | Iso Box-F 150 G4/F8 L V2 |      |
|--|---------------------|--------------------------|------|
| Connected air duct size                | mm                  | 150                      |      |
| Speed                                  | -                   | 2                        |      |
| Minimum supply voltage                 | V                   | 230                      |      |
| Maximum supply voltage                 | V                   | 230                      |      |
| Power supply frequency                 | Hz                  | 50                       |      |
| Rated power                            | W                   | 41                       | 50   |
| Unit current                           | A                   | 0.18                     | 0.22 |
| Maximum airflow                        | m <sup>3</sup> /h   | 215                      | 310  |
| Sound pressure level LpA at 3 m        | dB(A)               | 15                       | 25   |
| Weight                                 | kg                  | 14.17                    |      |
| Transported air temperature (max)      | °C                  | 40                       |      |
| Transported air temperature (min)      | °C                  | -25                      |      |
| Ingress protection rating              | -                   | IPX4                     |      |
| Ingress protection rating of the drive | -                   | IP44                     |      |

## Dimensions

| ØD  | L   | H   | B   | L1  | B1  | L2  | B2  |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 150 | 735 | 300 | 440 | 835 | 533 | 680 | 483 |



## Ecodesign



|   |                          |    |         |   |      |   |
|---|--------------------------|----|---------|---|------|---|
| Trademark   | Blaubeerg                |    |         |   |      |   |
| Model   | Iso Box-F 150 G4/F8 L V2 |    |         |   |      |   |
| Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a)) | Cold                     |    | Average |   | Warm |   |
|   | -50.7                    | A+ | -23.6   | C | -8.1 | F |
| Type of ventilation unit                                    | Unidirectional           |    |         |   |      |   |
| Type of drive installed                                     | 2-speed                  |    |         |   |      |   |
| Type of heat recovery system                                | None                     |    |         |   |      |   |
| Maximum flow rate (m <sup>3</sup> /h)                       | 163                      |    |         |   |      |   |
| Electric power input (W)                                    | 41                       |    |         |   |      |   |
| Reference flow rate (m <sup>3</sup> /s)                     | 0.049                    |    |         |   |      |   |
| Reference pressure difference (Pa)                          | 50                       |    |         |   |      |   |
| Specific power input (SPI) (W/(m <sup>3</sup> /h))          | 0.252                    |    |         |   |      |   |
| Control typology  | Local demand control     |    |         |   |      |   |
| Maximum external leakage rates (%)                          | 2.7                      |    |         |   |      |   |
| Declared typology   | RVU UVU                  |    |         |   |      |   |
| Sound power level (dB(A))                                   | 45                       |    |         |   |      |   |
| The annual electricity consumption (AEC) (kWh/a)            | Cold                     |    | Average |   | Warm |   |
|   | 188                      |    | 188     |   | 188  |   |
| The annual heating saved (AHS) (kWh/a)                      | Cold                     |    | Average |   | Warm |   |
|   | 5536                     |    | 2830    |   | 1280 |   |

## Accessories

### Thyristor speed controllers

| Name                     | Photo | Description                |
|--------------------------|-------|----------------------------|
| <a href="#">CDT E1.8</a> |       | Thyristor speed controller |

### Speed control switches

| Name | Photo | Description |
|------|-------|-------------|
|------|-------|-------------|

[CDP-2/10](#)



Multi-speed switch