



# JETLINE ECOWATT

5145898300 - JETLINE-315 ECOWATT (230V50/60HZ) N8 - IN-LINE DUCT FANS



In-line fan for circular duct with low profile compact casing manufactured from galvanised sheet steel and rubber gasket on the flanges. High performance impeller, guide vane and outlet diffuser manufactured from injection-moulded plastic, to increase performances and lower the sound level. IP65 terminal box fixed on the casing. Mounting bracket supplied with the fan, enabling to mount the fan in two different positions and any shaft orientation

## Motor

Brushless EC motor, external rotor motor assembled with antivibration mount to reduce vibration and noise level. Supply 1-230V-50HzV±10% 50/60Hz, IP44, class B, ball bearings and thermal protection included. Speed adjustable 100% via potentiometer located in the terminal box or via external control REB-ECOWATT type. Analogue input remote control with a 0-10V external signal. Working temperature from -20°C to 40°C. Brand S&P, model JETLINE-315 ECOWATT (230V50/60HZ) N8

## Theoretical Working Point

|                 |                       |
|-----------------|-----------------------|
| Airflow         | -                     |
| Static Pressure | 0,000 Pa              |
| Temperature     | 20 °C                 |
| Altitude        | 0 m                   |
| Density         | 1,2 kg/m <sup>3</sup> |
| Frequency       | 50/60 Hz              |

## Construction

|                    |         |
|--------------------|---------|
| Discharge diameter | 315 mm  |
| Fan size           | 315     |
| Weight             | 7,20 kg |

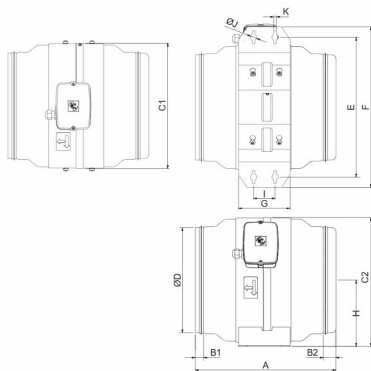
## Motor Characteristics

|                          |             |
|--------------------------|-------------|
| Voltage                  | 1-230V-50Hz |
| Maximum absorbed current | 1,3 A       |
| IP Rating                | IP44        |
| Motor insulation class   | B           |

## Working Point

|           |      |
|-----------|------|
| Fan speed | 2640 |
|-----------|------|

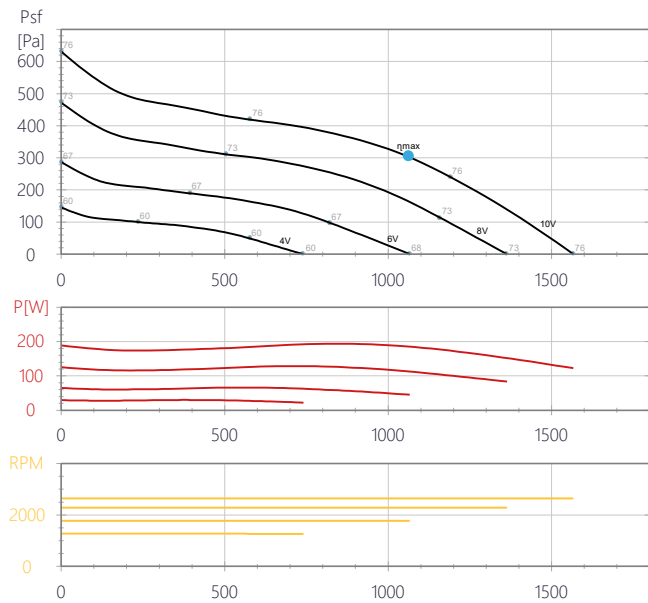
## Drawing



| A   | B1 | B2 | C1  | C2  | ØD  | E     | F   | G   |
|-----|----|----|-----|-----|-----|-------|-----|-----|
| 369 | 20 | 33 | 322 | 331 | 310 | 357.5 | 407 | 120 |

| H   | I  | ØJ | K   |
|-----|----|----|-----|
| 170 | 50 | 15 | 6.5 |

## Performance Chart





# JETLINE ECOWATT

5145898300 - JETLINE-315 ECOWATT (230V50/60HZ) N8 - IN-LINE DUCT FANS

## Sound Performance

|                             | 63 | 125 | 250 | 500 | 1k | 2k | 4k | 8k | Overall |
|-----------------------------|----|-----|-----|-----|----|----|----|----|---------|
| <b>Inlet (LwA)</b>          | 36 | 50  | 65  | 68  | 69 | 70 | 69 | 69 | 76      |
| <b>Inlet LpA @ 1m</b>       | 25 | 39  | 54  | 57  | 58 | 59 | 58 | 58 | 65      |
| <b>Outlet (LwA)</b>         | 38 | 48  | 67  | 70  | 70 | 71 | 68 | 64 | 77      |
| <b>Outlet LpA @ 1m</b>      | 27 | 37  | 56  | 59  | 60 | 60 | 57 | 53 | 66      |
| <b>Surrounding (LwA)</b>    | 22 | 35  | 45  | 47  | 54 | 56 | 53 | 50 | 60      |
| <b>Surrounding LpA @ 1m</b> | 11 | 24  | 34  | 36  | 43 | 45 | 42 | 39 | 49      |





# JETLINE ECOWATT

5145898300 - JETLINE-315 ECOWATT (230V50/60HZ) N8 - IN-LINE DUCT FANS

## ErP Data

|   |   |
|---|---|
| Ecodesign   |   |
| Commission regulation (EU) N°1253/2014 of July 2014                   |   |
| Information requirements (Annex V)                                    |   |
| Product description   | JETLINE-315 ECOWATT<br>(230V50/60HZ) N8 |
| Manufacturer's Info   | S&P                                     |
| Identifier  | -                                       |
| Typology  | NRVU unidirectional                     |
| Drive   | VSD                                     |
| Type of HRC   | None                                    |
| Thermal efficiency (%)  | NA                                      |
| Qnom (m3/s)   | 0,3                                     |
| Pelec (kW)  | 0,19                                    |
| SFPint (W/m3/s)   |   |
| Face velocity (m/s)   | 0                                       |
| $\Delta p_{s,ext}$ (Pa)   | 303,58                                  |
| $\Delta p_{s,int}$ (Pa)   | NA                                      |
| $\Delta p_{s,add}$ (Pa)   | NA                                      |
| Static efficiency fans (%)  | 48,3                                    |
| External leakage rate (%)   | 0,8                                     |
| Internal leakage rate (%)   | NA                                      |
| Filter performance  | NA                                      |
| Filter warning  | NA                                      |
| LWA dB(A)   | 51                                      |
| <a href="https://www.solerpalau.com/">https://www.solerpalau.com/</a> |   |