

# Duct fan series **FR-DF 230V**

The duct fan is designed for installation in a ventilation duct as part of the facility's ventilation system. The housing of the device is made of steel sheet, which significantly increases its durability. The fan is designed for forcing air with a low dust level.



## Device features:

- designed for duct mounting,
- durable powder-coated metal housing,
- 1-phase device,
- adapted to voltage regulation,
- easy to assemble.



|                               | UNIT              | FR-100-DF      | FR-125-DF      | FR-150-DF      | FR-160-DF      | FR-200-DF      | FR-250-DF      | FR-315-DF      |
|-------------------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| PRODUCT CODE                  |                   | IDFR100DF-1741 | IDFR125DF-1742 | IDFR150DF-1743 | IDFR160DF-1744 | IDFR200DF-1745 | IDFR250DF-1746 | IDFR315DF-1747 |
| MAXIMUM AIRFLOW               | m <sup>3</sup> /h | 230            | 350            | 610            | 770            | 845            | 950            | 1520           |
| VOLTAGE / FREQUENCY           | V/Hz              | 230/50         | 230/50         | 230/50         | 230/50         | 230/50         | 230/50         | 230/50         |
| NOMINAL MOTOR CURRENT         | A                 | 0,31           | 0,34           | 0,47           | 0,79           | 0,73           | 0,67           | 1,1            |
| NOMINAL MOTOR SPEED           | rpm               | 2650           | 2600           | 2550           | 2580           | 2630           | 2600           | 2530           |
| NOMINAL MOTOR POWER           | W                 | 72             | 78             | 108            | 170            | 157            | 140            | 248            |
| IP PROTECTION RATING OF MOTOR | -                 | 54             | 54             | 54             | 54             | 54             | 54             | 54             |
| INSULATION CLASS              | -                 | B              | B              | B              | B              | B              | B              | B              |
| WEIGHT                        | kg                | 3,9            | 4              | 5,2            | 5,2            | 5,8            | 6              | 7,4            |
| NOISE                         | dB                | 45             | 46             | 48             | 50             | 50             | 50             | 50             |