

## RFE 160 C

KU 7700041

- Single-phase single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.
- Integrated motor protection.
- Junction box has enclosure class IP 54.

- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.
- Explanations:  
KR = With junction box, with connection pipes.  
KU = With junction box, without connection pipes.  
UU = Without junction box, without connection pipes.
- All diagrams shown with duct connected fan.



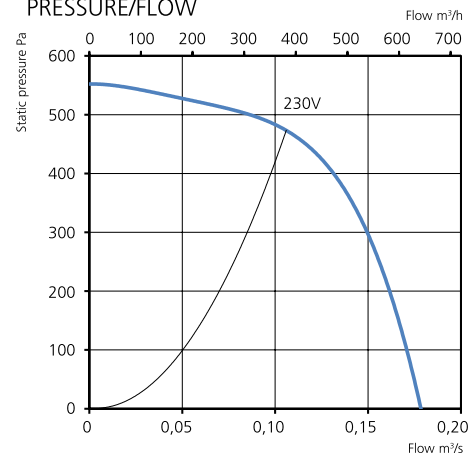
### ACCESSORIES

- Transformer controller VRDE 1.5
- Speed controller VRS 2.0
- Transformer controller VRTE 1

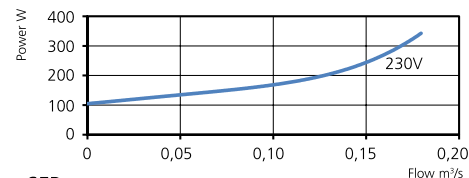
### TECHNICAL DATA

|                                     |             |
|-------------------------------------|-------------|
| <b>Voltage</b>                      | 230 V       |
| <b>Frequency</b>                    | 50 Hz       |
| <b>Phase</b>                        | 1 ~         |
| <b>Current</b>                      | 1.3 A       |
| <b>Power</b>                        | 301 W       |
| <b>Speed</b>                        | 2150 r.p.m. |
| <b>Max. temp of transported air</b> | 50 °C       |
| <b>Sound pressure level, 3 m</b>    | 63.8 dB(A)  |
| <b>Weight</b>                       | 4 kg        |
| <b>Enclosure class</b>              | 44 IP       |
| <b>Wiring diagram</b>               | 4040001     |

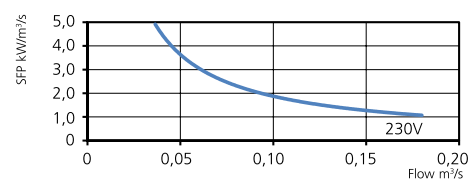
### PRESSURE/FLOW



### POWER/FLOW



### SFP



### SOUND DATA

|                          | $L_{wA}$ tot dB (A) | 63 | 125 | 250 | 500 | 1K | 2K | 4K | 8K |
|--------------------------|---------------------|----|-----|-----|-----|----|----|----|----|
| <b>Surrounding 230 V</b> | 71                  | 41 | 49  | 61  | 63  | 63 | 66 | 63 | 58 |
| <b>Outlet 230 V</b>      | 79                  | 61 | 66  | 69  | 71  | 72 | 71 | 70 | 68 |
| <b>Inlet 230 V</b>       | 75                  | 59 | 65  | 70  | 67  | 66 | 66 | 64 | 62 |

### MORE INFORMATION



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### DIMENSIONS

