

# Domekt R 400 V

(Domekt REGO 400V)

|                                                                 |                     |
|-----------------------------------------------------------------|---------------------|
| Nominal air flow, m³/h                                          | 290                 |
| Panel thickness, mm                                             | 25                  |
| Unit weight, kg                                                 | 42                  |
| Supply voltage, V                                               | 1~230               |
| Maximal operating current, A                                    | HE 5,5 / HW 1,5     |
| Thermal efficiency of heat recovery, %                          | 87                  |
| Reference flow rate, m³/s                                       | 0,06                |
| Reference pressure difference, Pa                               | 50                  |
| SPI, W/(m³/h)                                                   | 0,26                |
| Filters dimensions BxHxL, mm                                    | 450x210x46-M5       |
| Electric power input of the fan drive at reference flow rate, W | 21                  |
| Electric power input of the fan drive at maximum flow rate, W   | 67                  |
| Electric air heater capacity, kW / Δt, °C                       | 1,0 / 14            |
| Control panel                                                   | KOMFOVENT C4 / C4.1 |

## Acoustic Data

A-weighted sound power level  $L_{WA}$ , dB(A)  
at reference flow rate

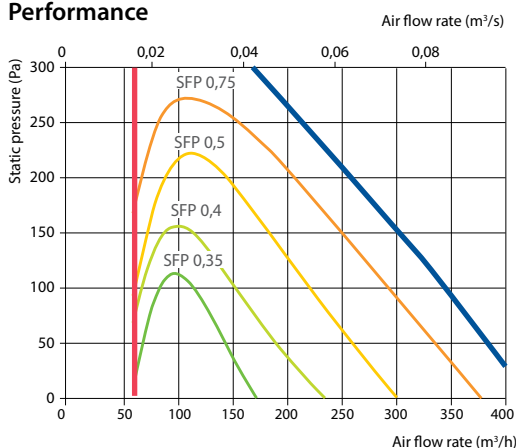
|                |    |
|----------------|----|
| Supply Inlet   | 54 |
| Supply Outlet  | 67 |
| Exhaust Inlet  | 52 |
| Exhaust Outlet | 67 |
| Casing         | 31 |

A-weighted sound pressure level  $L_{pA}$ , dB(A)

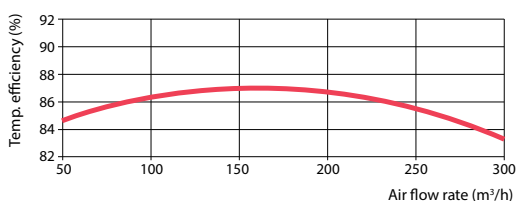
10 m² normally isolated room, distance from casing – 3 m.

|              |    |
|--------------|----|
| Surroundings | 20 |
|--------------|----|

## Performance



## Temperature efficiency



Indoor and outdoor ΔT=13°C re: Ecodesign 1254/2014.



The photo is intended for informational purposes only, exact details may vary.

## Temperature efficiency

|                           | Winter |      |      |      | Summer |
|---------------------------|--------|------|------|------|--------|
| Outside temperature, °C   | -23    | -15  | -10  | -5   | 0      |
| After heat exchanger*, °C | 16,2   | 17,2 | 17,8 | 18,5 | 19,1   |

\* indoor +22°C, 20 % RH

## Hot water duct air heater (DH)\*\*

|                              | Winter      |       |       |       |
|------------------------------|-------------|-------|-------|-------|
| Water temperature in/out, °C | 90/70       | 80/60 | 70/50 | 60/40 |
| Capacity, kW                 | 0,6         | 0,6   | 0,6   | 0,6   |
| Flow rate, dm³/h             | 25          | 24    | 24    | 24    |
| Pressure drop, kPa           | 1           | 1     | 1     | 1     |
| Temperature in/out, °C       | 16,2/22     |       |       |       |
| Maximal capacity, kW         | 2           | 1,6   | 1,2   | 0,9   |
| Connection, "                | ½           |       |       |       |
| Dimensions, mm               | 315x315x220 |       |       |       |
| Hot water duct heater type   | DH-160      |       |       |       |

\*\* option

