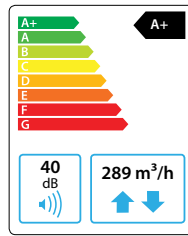


# Domekt R 300 V

|   |             |
|---|-------------|
| Maximal air flow, m <sup>3</sup> /h                             | 289         |
| Panel thickness, mm   | 30          |
| Unit weight, kg   | 28          |
| Supply voltage, V   | 1~230       |
| Maximal operating current, A                                    | HE4         |
| Thermal efficiency of heat recovery, %                          | 84          |
| Reference flow rate, m <sup>3</sup> /s                          | 0,056       |
| Reference pressure difference, Pa                               | 50          |
| SPI, W/(m <sup>3</sup> /h)                                      | 0,27        |
| Filters dimensions BxHxL, mm                                    | 290x205x46  |
| Electric power input of the fan drive at reference flow rate, W | 27          |
| Electric power input of the fan drive at maximum flow rate, W   | 72          |
| Electric air heater capacity, kW / Δt, °C                       | 0,5/6,9     |
| Control panel   | C6.1 / C6.2 |
| Maintenance space, mm   | 450         |



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



C6.1



C6.2

## Acoustic data

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

|                |    |
|----------------|----|
| Supply inlet   | 52 |
| Supply outlet  | 60 |
| Exhaust inlet  | 52 |
| Exhaust outlet | 60 |
| Casing         | 40 |

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

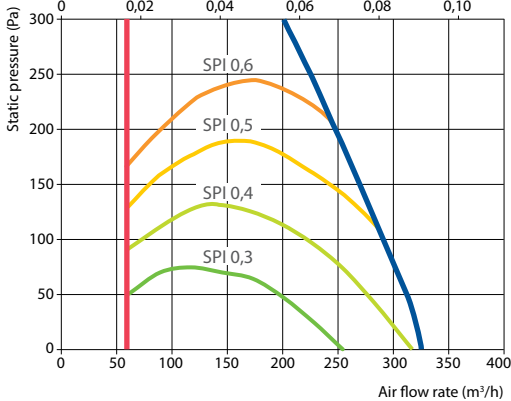
10 m<sup>2</sup> normally isolated room, distance from casing – 3 m.

|              |    |
|--------------|----|
| Surroundings | 30 |
|--------------|----|

## Performance

Unit with standard equipment

Air flow rate (m<sup>3</sup>/s)

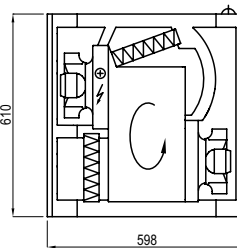


## Temperature efficiency

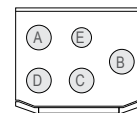
| Outside temperature, °C  | Winter |      |      |      |      | Summer |      |      |
|--------------------------|--------|------|------|------|------|--------|------|------|
|                          | -23    | -15  | -10  | -5   | 0    | 25     | 30   | 35   |
| After heat exchanger, °C | 14,7   | 16,0 | 16,8 | 17,6 | 18,4 | 22,5   | 23,3 | 24,1 |

indoor +22°C, 20 % RH

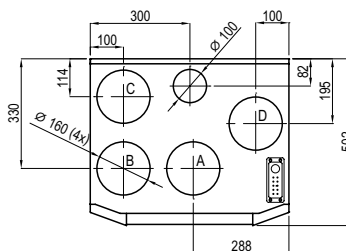
Shown as left (L1)



Shown as right (R1)



- A outdoor intake
- B supply air
- C extract indoor
- D exhaust air
- E additional extraction connection (by-pass – extraction without heat recovery)



## Accessories (p. 120)

|                |                        |
|----------------|------------------------|
| Closing damper | AGUJ-M-160+LF230/LM230 |
|                | A/D AGS-160-50-600-M   |
| Silencer       | B/C AGS-160-50-900-M   |
|                |                        |
| Water heater   | DH-160                 |
| PPU            | PPU-HW-3R-15-0,4-W1    |

|                            |                      |
|----------------------------|----------------------|
| 2-way valve (water heater) | VVP47.10-0,4         |
| Water cooler               | DCW-0,4-3 / DHCW-160 |
| 2-way valve (water cooler) | VVP47.10-1,6         |
| DX cooler                  | DCF-0,4-3            |