

# Domekt R 500 V

|   |               |
|---|---------------|
| Maximal air flow, m <sup>3</sup> /h                             | 630           |
| Panel thickness, mm   | 50            |
| Unit weight, kg   | 113           |
| Supply voltage, V   | 1~230         |
| Maximal operating current, A                                    | HE 7,3        |
| Thermal efficiency of heat recovery, %                          | 85            |
| Reference flow rate, m <sup>3</sup> /s                          | 0,123         |
| Reference pressure difference, Pa                               | 50            |
| SPI, W/(m <sup>3</sup> /h)                                      | 0,35          |
| Filters dimensions BxHxL, mm                                    | 540x260x46-M5 |
| Electric power input of the fan drive at reference flow rate, W | 77            |
| Electric power input of the fan drive at maximum flow rate, W   | 144           |
| Electric air heater capacity, kW / Δt, °C                       | 1 / 6,3       |
| Control panel   | C6.1 / C6.2   |
| Maintenance space, mm   | 1050          |



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

## Acoustic data

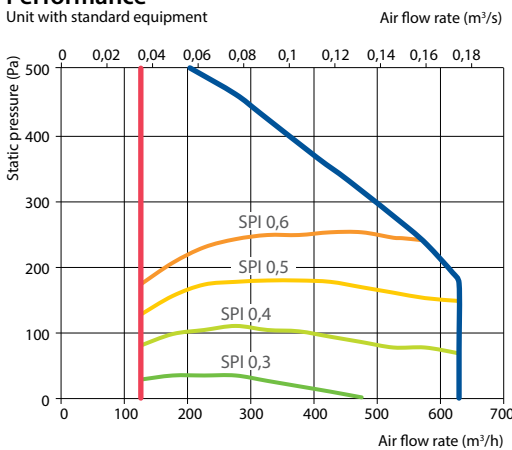
**A-weighted sound power level L<sub>WA</sub>, dB(A) at reference flow rate**

|                |    |
|----------------|----|
| Supply inlet   | 57 |
| Supply outlet  | 65 |
| Exhaust inlet  | 57 |
| Exhaust outlet | 66 |
| Casing         | 44 |

**A-weighted sound pressure level L<sub>PA</sub>, dB(A) 10 m<sup>2</sup> normally isolated room, distance from casing – 3 m.**

|              |    |
|--------------|----|
| Surroundings | 34 |
|--------------|----|

## Performance

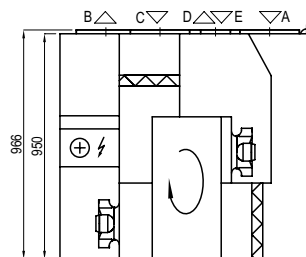


## Temperature efficiency

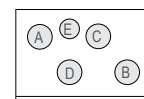
|                          | Winter |      |      |      |      | Summer |      |      |
|--------------------------|--------|------|------|------|------|--------|------|------|
| Outside temperature, °C  | -23    | -15  | -10  | -5   | 0    | 25     | 30   | 35   |
| After heat exchanger, °C | 14,0   | 15,4 | 16,3 | 17,2 | 18,1 | 22,5   | 23,4 | 24,3 |

indoor +22°C, 20 % RH

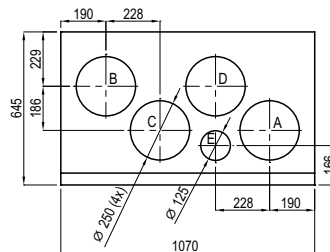
Shown as left (L1)



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. 108)

|                |                        |
|----------------|------------------------|
| Closing damper | AGUJ-M-250+LF230/LM230 |
| Silencer       | A/D AGS-250-50-600-M   |
|                | B/C AGS-250-50-900-M   |
| Water heater   | DH-250                 |
| PPU            | PPU-HW-3R-15-0,63-W1   |

|                            |                      |
|----------------------------|----------------------|
| 2-way valve (water heater) | VVP47.10-0,63        |
| Air heater-cooler          | DCW-0,5-3 / DHCW-250 |
| 2-way valve (water cooler) | VVP47.15-2,5         |
| DX cooler                  | DCF-0,5-3            |