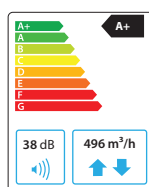


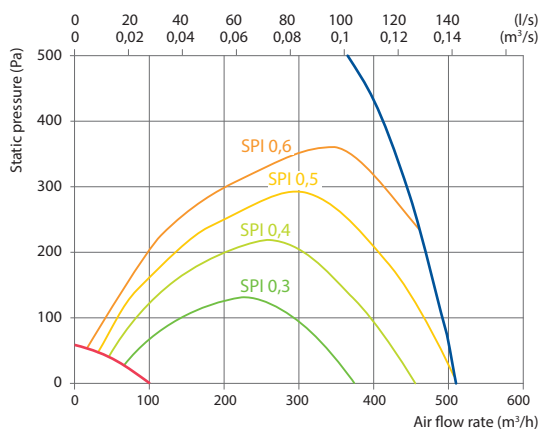
# Domekt R 450 V C6M

|                                                                 |               |
|-----------------------------------------------------------------|---------------|
| Maximal air flow, m³/h                                          | 496           |
| Maximal air flow, l/s                                           | 138           |
| Reference flow rate, m³/s                                       | 0,096         |
| Reference pressure difference, Pa                               | 50            |
| SPI, W/(m³/h)                                                   | 0,3           |
| Thermal efficiency of heat recovery, %                          | 86            |
| Electric air heater capacity, kW / Δt, °C                       | 1/8,5         |
| Supply voltage, V                                               | 1~230         |
| Maximal operating current HE, A                                 | 7,5           |
| Power supply cable, mm²                                         | 3×1,5         |
| Electric power input of the fan drive at maximum flow rate, W   | 147           |
| Electric power input of the fan drive at reference flow rate, W | 55            |
| Noise power level, L <sub>WA</sub> , dB(A)                      | 38            |
| Noise pressure level, L <sub>PA</sub> , dB(A), (3 m)            | 28            |
| Filters dimensions B×H×L, mm                                    | 517×278×46    |
| Supply filter class                                             | ePM1 60 (F7)  |
| Exhaust filter class                                            | ePM10 50 (M5) |
| Unit dimensions B×H×L, mm                                       | 585×655×680   |
| Maintenance space, mm                                           | 700           |
| Unit weight, kg                                                 | 60            |



## Performance

Unit with standard equipment

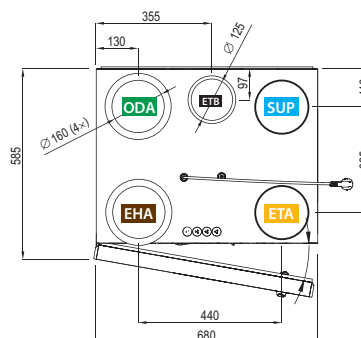
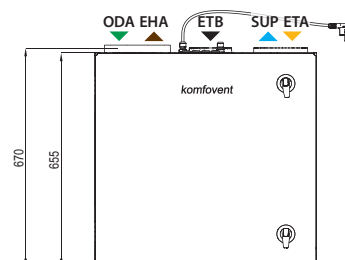


## Temperature efficiency

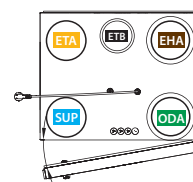
|                          | Winter |      |      |      |      | Summer |      |      |
|--------------------------|--------|------|------|------|------|--------|------|------|
| Outdoor temperature, °C  | -23    | -15  | -10  | -5   | 0    | 25     | 30   | 35   |
| After heat exchanger, °C | 15,7   | 16,8 | 17,5 | 18,2 | 18,9 | 22,4   | 23,1 | 23,8 |

indoor +22 °C, 20 % RH

Shown as right (R1)



Shown as left (L1)



## Accessories

|                      |                          |
|----------------------|--------------------------|
| Closing damper       | AGUJ-M-160+TF230/CM230   |
| Silencer             | ODA/EHA ASTS-160-600-M   |
|                      | SUP/ETA ASTS-160-900-M   |
| Water heater         | DH-160                   |
| PPU                  | PPU-HW-3R-15-0,4-W2      |
| 2-way valve (heater) | VVP47.10-0,4+SSF161.05HF |
| Water cooler         | DCW-0,5-3                |
| 2-way valve (cooler) | VVP47.10-1,6+SSF161.05HF |
| Outdoor grill        | LD-160                   |
| Water heater-cooler  | DHCW-160                 |
| DX cooler            | DCF-0,5-3                |
| Cooling unit         | MOU-12HFN8a+ KA8142      |

ODA – outdoor intake

SUP – supply air

ETA – extract indoor

EHA – exhaust air

ETB – additional extraction connection  
(by-pass – extraction without heat recovery)