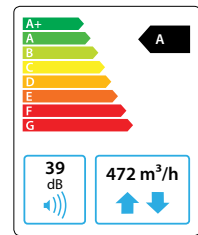


Domekt R 450 V

Maximal air flow, m ³ /h	472
Unit weight, kg	60
Supply voltage, V	1~230
Maximal operating current, A	HE7,2
Thermal efficiency of heat recovery, %	85
Reference flow rate, m ³ /s	0,092
Reference pressure difference, Pa	50
SPI, W/(m ³ /h)	0,44
Filters dimensions BxHxL, mm	470x240x46
Electric power input of the fan drive at reference flow rate, W	72
Electric power input of the fan drive at maximum flow rate, W	170
Electric air heater capacity, kW / Δt, °C	1 / 8,4
Control panel	C6.1 / C6.2
Maintenance space, mm	500



C6.1



C6.2

Acoustic data

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

Supply inlet	58
Supply outlet	72
Exhaust inlet	58
Exhaust outlet	72
Casing	39

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

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

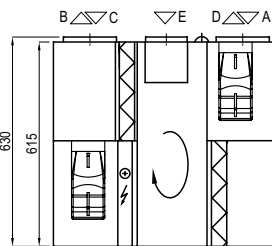
Surroundings	29
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Temperature efficiency

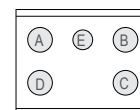
Outside temperature, °C	Winter					Summer		
	-23	-15	-10	-5	0	25	30	35
After heat exchanger, °C	14,0	15,4	16,3	17,2	18,1	22,5	23,4	24,3

indoor +22°C, 20 % RH

Shown as left (L1)



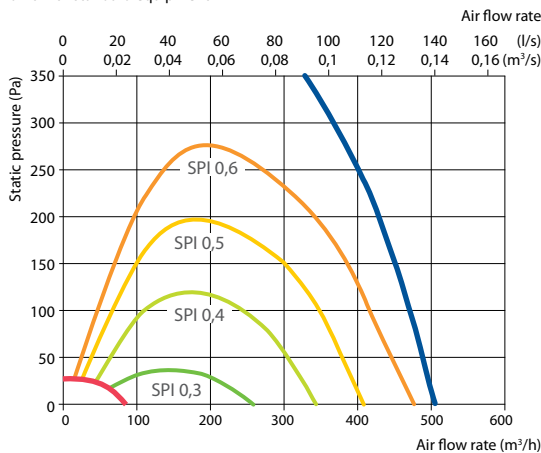
Shown as right (R1)



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

Performance

Unit with standard equipment



Accessories (p. 123)

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-0,5-3 / DHCW-160
2-way valve (water cooler)	VVP47.10-1,6
DX cooler	DCF-0,5-3
Cooling unit	MOU-12HFN8+KA8140