

Domekt R 450 V

(Domekt REGO 450V)

Nominal air flow, m ³ /h	480
Panel thickness, mm	45
Unit weight, kg	46
Supply voltage, V	1~230
Maximal operating current, A	HE 7,2 / HW 3,2
Thermal efficiency of heat recovery, %	83
Reference flow rate, m ³ /s	0,09
Reference pressure difference, Pa	50
SPL, W/(m ³ /h)	0,44
Filters dimensions B×H×L, mm	470×240×46-M5
Electric power input of the fan drive at reference flow rate, W	62
Electric power input of the fan drive at maximum flow rate, W	171
Electric air heater capacity, kW / Δt, °C	1,0/ 9
Control panel	KOMFOVENT C4 / C4.1

Acoustic Data

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

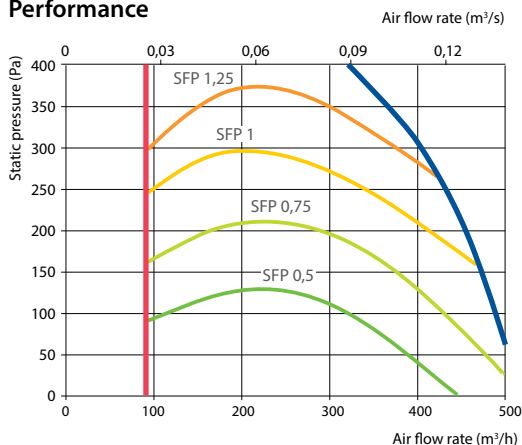
Supply Inlet	57
Supply Outlet	71
Exhaust Inlet	55
Exhaust Outlet	71
Casing	35

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

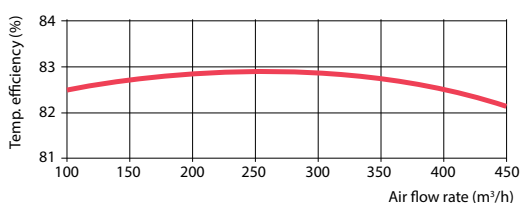
10 m² normally isolated room, distance from casing – 3 m.

Surroundings	24
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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	30
After heat exchanger*, °C	14,5	15,8	16,7	17,5	18,3	23,3

* 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	1,1	1,1	1,1	1,1
Flow rate, dm ³ /h	51	51	50	50
Pressure drop, kPa	1	1	1	1
Temperature in/out, °C	14,5/22			
Maximal capacity, kW	3,2	2,5	1,9	1,3
Connection, "	½			
Dimensions, mm	315x315x220			
Hot water duct heater type	DH-160			

** option

