

Domekt R 250 F

(Domekt REGO 250P)

Nominal air flow, m ³ /h	250
Panel thickness, mm	25
Unit weight, kg	41
Supply voltage, V	1~230
Maximal operating current, A	HE 6,3 / HW 2,3
Thermal efficiency of heat recovery, %	82
Reference flow rate, m ³ /s	0,05
Reference pressure difference, Pa	50
SPL, W/(m ³ /h)	0,48
Filters dimensions B×H×L, mm	278×258×46-M5
Electric power input of the fan drive at reference flow rate, W	36
Electric power input of the fan drive at maximum flow rate, W	96
Electric air heater capacity, kW / Δt, °C	1,0 / 16,5
Control panel	KOMFOVENT C4 / C4.1

Acoustic Data

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

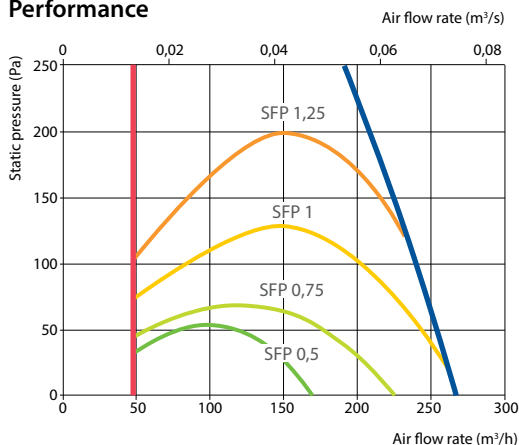
Supply Inlet	61
Supply Outlet	68
Exhaust Inlet	61
Exhaust Outlet	68
Casing	42

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

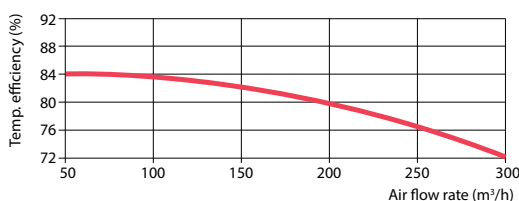
10 m² normally isolated room, distance from casing – 3 m.

Surroundings	31
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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
After heat exchanger*, °C	12	13,8	14,9	16	17,1

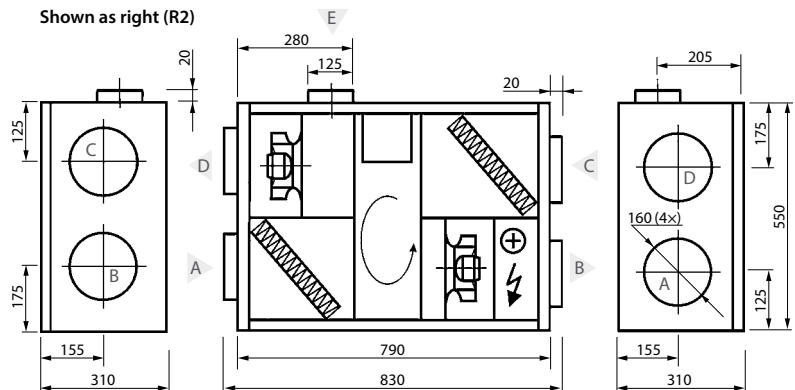
* indoor +22°C, 20 % RH

Hot water duct air heater (DH)**

	Winter			
Water temperature in/out, °C	90/70	80/60	70/50	60/40
Capacity, kW	0,8	0,8	0,8	0,8
Flow rate, dm ³ /h	36	36	36	36
Pressure drop, kPa	1	1	1	1
Temperature in/out, °C	12/22			
Maximal capacity, kW	2,2	1,8	1,3	0,9
Connection, "	½			
Dimensions, mm	315x315x220			
Hot water duct heater type	DH-160			

** option

Shown as right (R2)



Shown as left (L2)



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