

Domekt R 400 F

(Domekt REGO 400P)

Nominal air flow, m³/h	460
Panel thickness, mm	25
Unit weight, kg	62
Supply voltage, V	1~230
Maximal operating current, A	HE 7,3 / HW 3,3
Thermal efficiency of heat recovery, %	83
Reference flow rate, m³/s	0,09
Reference pressure difference, Pa	50
SPI, W/(m³/h)	0,45
Filters dimensions BxHxL, mm	278x258x46-M5
Electric power input of the fan drive at reference flow rate, W	58
Electric power input of the fan drive at maximum flow rate, W	164
Electric air heater capacity, kW / Δt, °C	1,0 / 6
Control panel	KOMFOVENT C4 / C4.1

Acoustic Data

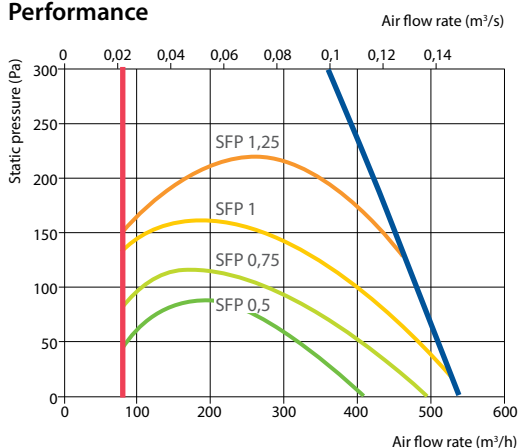
A-weighted sound power level L_{WA} , dB(A)
at reference flow rate

Supply Inlet	62
Supply Outlet	71
Exhaust Inlet	62
Exhaust Outlet	71
Casing	44

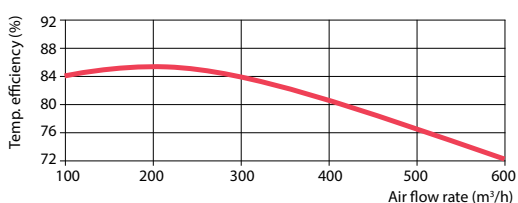
A-weighted sound pressure level L_{pA} , dB(A)
10 m² normally isolated room, distance from casing – 3 m.

Surroundings	32
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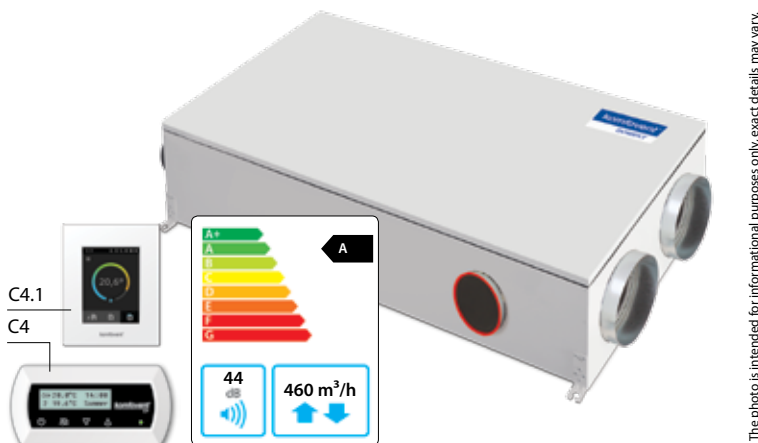
Performance



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	12,5	14,2	15,3	16,3	17,4	23,7

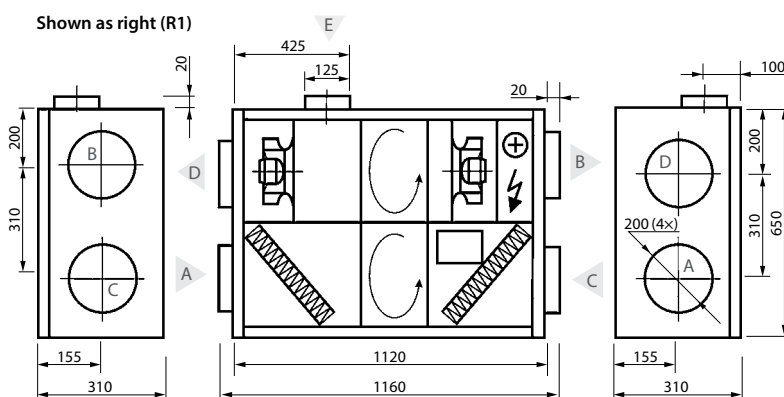
* indoor +22°C, 20 % RH

Hot water duct air heater (DH)**

	Winter			
Water temperature in/out, °C	90/70	80/60	70/50	60/40
Capacity, kW	1,4	1,4	1,4	1,4
Flow rate, dm³/h	60	60	59	59
Pressure drop, kPa	1	1	1	1
Temperature in/out, °C	12,5/22			
Maximal capacity, kW	4,0	3,3	2,5	1,8
Connection, "	½			
Dimensions, mm	315x315x220			
Hot water duct heater type	DH-200			

** option

Shown as right (R1)



Shown as left (L1)



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