

DOMEKT PP 450 V

(Domekt RECU 450V)

Nominal air flow, m ³ /h	440
Panel thickness, mm	25
Unit weight, kg	42
Supply voltage, V	1~230
Maximal operating current, A	HE 6,7 /HW 2,7
Thermal efficiency of heat recovery, %	71
Reference flow rate, m ³ /s	0,08
Reference pressure difference, Pa	50
SPI, W/(m ³ /h)	0,39
Filters dimensions BxHxL, mm	300x200x46-M5
Electric power input of the fan drive at reference flow rate, W	59
Electric power input of the fan drive at maximum flow rate, W	175
Electric air heater capacity, kW / Δt, °C	1,0 / 6,5
Control panel	KOMFOVENT C4 / C4.1

Acoustic Data

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

Supply Inlet	50
Supply Outlet	73
Exhaust Inlet	56
Exhaust Outlet	73
Casing	34

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

Surroundings	23
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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	8,7	11,1	12,6	14,1	15,6	24,3

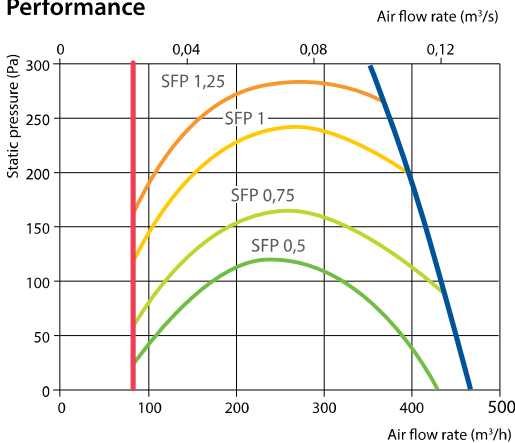
* indoor +22°C, 20 % RH

Hot water duct air heater (DH)**

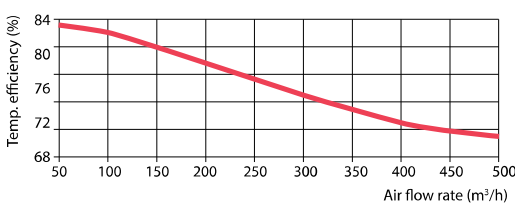
	Winter			
Water temperature in/out, °C	90/70	80/60	70/50	60/40
Capacity, kW	2	2	2	2
Flow rate, dm ³ /h	87	86	86	86
Pressure drop, kPa	1	1	1	1
Temperature in/out, °C	8,7/22			
Maximal capacity, kW	4,4	3,6	2,8	2,1
Connection, "	½			
Dimensions, mm	315x315x220			
Hot water duct heater type	DH-125			

** option

Performance



Temperature efficiency



Indoor and outdoor ΔT=13°C re: Ecodesign 1254/2014.

