komfovent®

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 B×H×L, mm	278×258×46-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



The photo is intended for informational purposes only, exact details may vary.

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

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

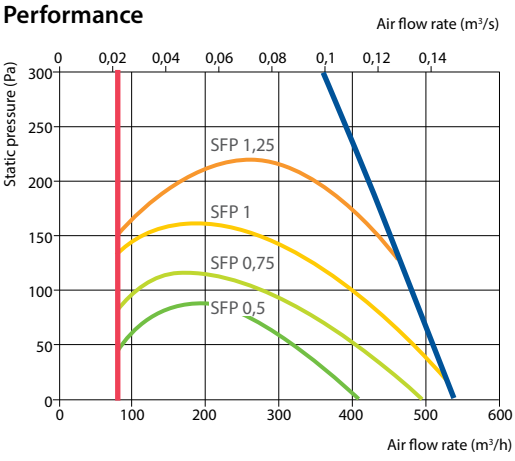
* indoor +22°C, 20 % RH

Hot water duct air heater (DH)**

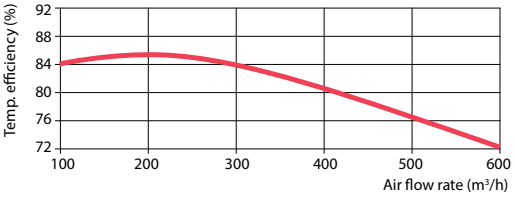
	Winter			
Water temperature in/out, °C	90/70	80/60	70/50	60/40
Capacity, kW	1,4	1,4	1,4	1,4
Flow rate, dm³/h	60	60	59	59
Pressure drop, kPa	1	1	1	1
Temperature in/out, °C	12,5/22			
Maximal capacity, kW	4,0	3,3	2,5	1,8
Connection, ”	½			
Dimensions, mm	315×315×220			
Hot water duct heater type	DH-200			

** option

Performance

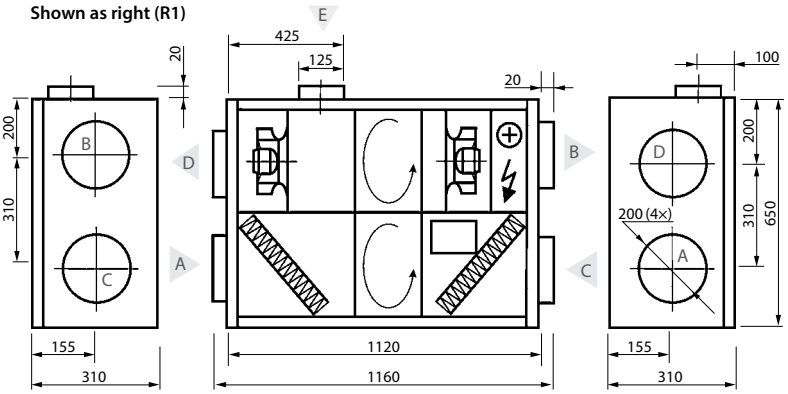


Temperature efficiency

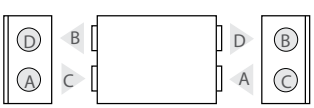


Indoor and outdoor ΔT=13°C re: *Ecodesign 1254/2014.*

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)

UAB AMALVA reserves the right to introduce the changes of parameters and sizes in the process of improvement of the air handling units.
All data can be calculated in DOMEKT selection software. If data of performance do not correspond to data in the selection software, please refer to data shown in software.