

Domekt CF 900 U/H/V

Domekt CF 900 UV data

Maximal air flow, m ³ /h	1000
Panel thickness, mm	50
Unit weight, kg	267
Supply voltage, V	HE 3~400 / HW 1~230
Maximal operating current, A	HE 9,8 / HW 3,3
Thermal efficiency of heat recovery, %	82
Reference flow rate, m ³ /s	0,19
Reference pressure difference, Pa	50
SPI, W/(m ³ /h)	0,17
Filters dimensions B×H×L, mm	800×400×46-M5
Electric power input of the fan drive at reference flow rate, W	52
Electric power input of the fan drive at maximum flow rate, W	152
Electric air heater capacity, kW / Δt, °C	4,5/17,9
Control panel	KOMFOVENT C5.1

Acoustic data

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

Supply inlet	48
Supply outlet	61
Exhaust inlet	49
Exhaust outlet	61
Casing	41

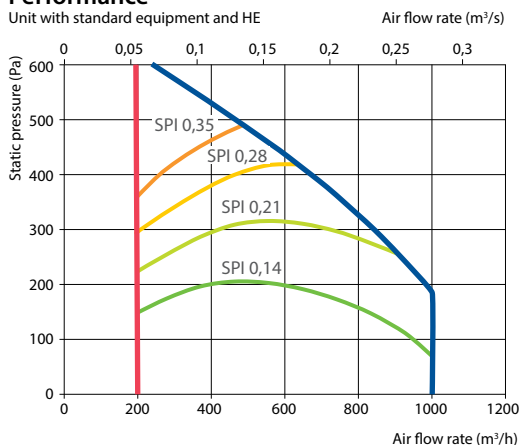
A-weighted sound pressure level L_{pA} , dB(A)

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

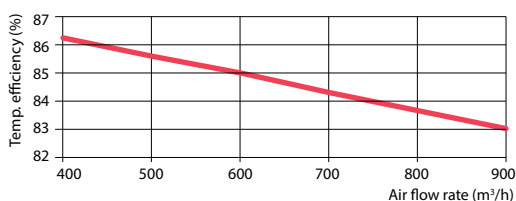
Surroundings	31
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Performance

Unit with standard equipment and HE



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	14,1	15	15,9	16,8	17,8	23,6

* indoor +22°C, 20 % RH

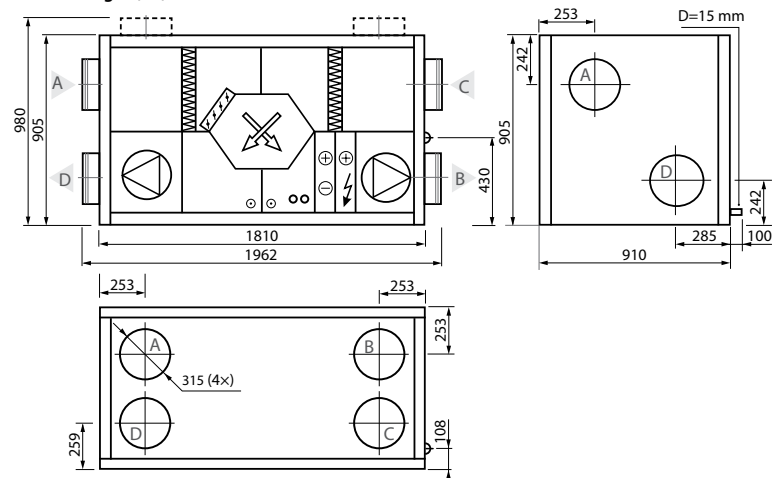
Changeover water heating/cooling exchanger (HCW)

	Winter				Summer
Water temperature in/out, °C	90/70	80/60	70/50	60/40	7/12
Capacity, kW	2,7	2,7	2,7	2,7	3,8
Flow rate, dm ³ /h	117	117	116	116	644
Pressure drop, kPa	1	1	1	1	6,8
Temperature in/out, °C	14,1/22				23,6/18
Maximal capacity, kW	21,5	16,5	11,4	6,5	6,4
Connection, "	1/2				

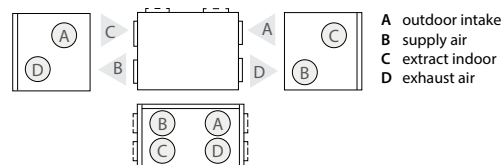
Available versions:

- 1) Electric air heater (HE);
- 2) Changeover water heating/cooling exchanger (HCW);
- 3) Changeover water heating/cooling exchanger (HCW) and electric air heater (HE).

Shown as right (R1)



Shown as left (L1)



- A outdoor intake
- B supply air
- C extract indoor
- D exhaust air