

Domekt CF 400 V

Maximal air flow, m³/h	390
Panel thickness, mm	30
Unit weight, kg	54
Supply voltage, V	1~230
Maximal operating current, A	HE 10.5
Thermal efficiency of heat recovery, %	88
Reference flow rate, m³/s	0,0758
Reference pressure difference, Pa	50
SPI, W/(m³/h)	0,22
Filters dimensions BxHxL, mm	350x235x46-M5
Electric power input of the fan drive at reference flow rate, W	33
Electric power input of the fan drive at maximum flow rate, W	91
Electric air heater capacity, kW / Δt, °C	0,5 / 5,1
Electric preheater capacity, kW / Δt, °C	1,5 / 15,3
Control panel	C6.1 / 6.2
Maintenance space, mm	600

Acoustic data

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

Supply inlet	58
Supply outlet	53
Exhaust inlet	58
Exhaust outlet	53
Casing	41

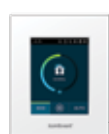
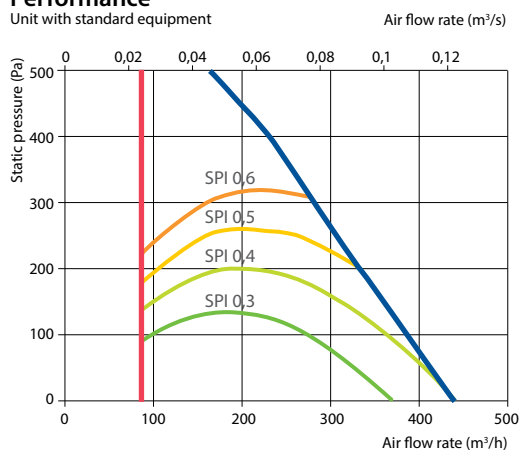
A-weighted sound pressure level L_{pA} , dB(A)

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

Surroundings	31
--------------	----

Performance

Unit with standard equipment



C6.1



C6.2

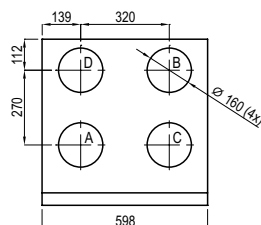
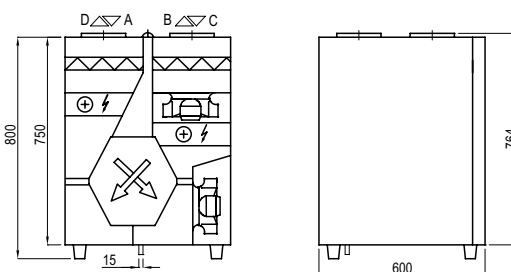
Temperature efficiency

	Winter					Summer		
Outside temperature, °C	-23	-15	-10	-5	0	25	30	35
After heat exchanger*, °C	17,4*	17,9*	17,9*	17,9	18,6	22,5	23,2	24,0

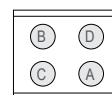
indoor +22°C, 20 % RH

* calculations made after evaluation of the preheater.

Shown as right (R1)



Shown as left (L1)



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

Accessories (p. 108)

Closing damper	AGUJ-M-160+LF230/LM230
Silencer	A/D AGS-160-50-600-M
	B/C AGS-160-50-900-M
Water heater	DH-160
PPU	PPU-HW-3R-15-0,4-W1

2-way valve (water heater)	VVP47.10-0,4
Air heater-cooler	DCW-0,4-3 / DHCW-160
2-way valve (water cooler)	VVP47.10-1,6
DX cooler	DCF-0,4-3