Domekt CF 150 F

Maximal air flow, m^3/h	156
Unit weight, kg	29
Supply voltage, V	1~230
Maximal operating current, A	6,1
Thermal efficiency of heat recovery, %	95
Reference flow rate, m^3/s	0,03
Reference pressure difference, Pa	50
SPI, $W/(m^3/h)$	0,26
Filters dimensions B×H×L, mm	260×232×46
Electric power input of the fan drive at reference flow rate, W	10
Electric power input of the fan drive at maximum flow rate, W	18
Electric air heater capacity, kW / Δt, °C	0,5 / 13,4
Electric preheater capacity, kW / Δt, °C	0,75 / 20
Control panel	C6.1 / 6.2
Maintenance space, mm	300

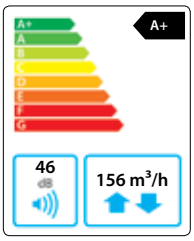




C6.1



C6.2



Acoustic data

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

Supply inlet	48
Supply outlet	59
Exhaust inlet	48
Exhaust outlet	59
Casing	46

A-weighted sound pressure level L_{PA}, dB(A)
10 m^2 normally isolated room, distance from casing – 3 m.

Surroundings	35

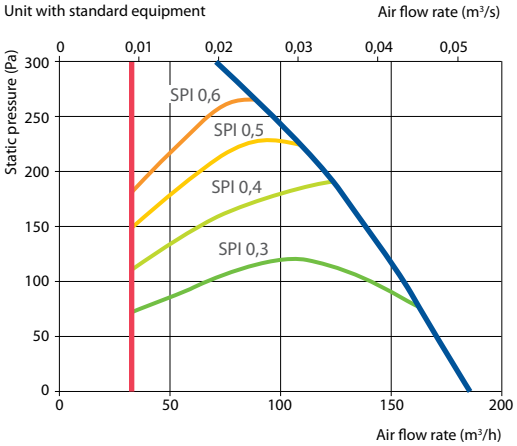
Temperature efficiency

	Winter					Summer		
Outside temperature, °C	-23	-15	-10	-5	0	25	30	35
After heat exchanger*, °C	20,6*	20,6*	20,6*	20,6	20,8	22,2	22,4	22,7

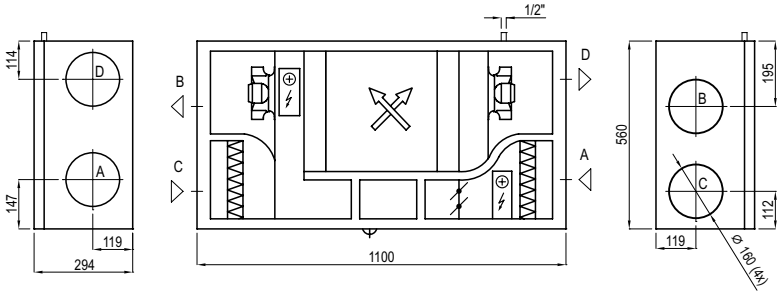
indoor +22°C, 20 % RH.
* calculations made after evaluation of the preheater.

Performance

Unit with standard equipment



Shown as left (L1)



Shown as right (R2)



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

Accessories (p. 123)

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-W2
2-way valve (water heater)	VVP47.10-0,4
Water cooler	DCW-0,2-1 / DHCW-160
2-way valve (water cooler)	VVP47.10-1,6