

KOMFOVENT KOMPAKT REGO 1200

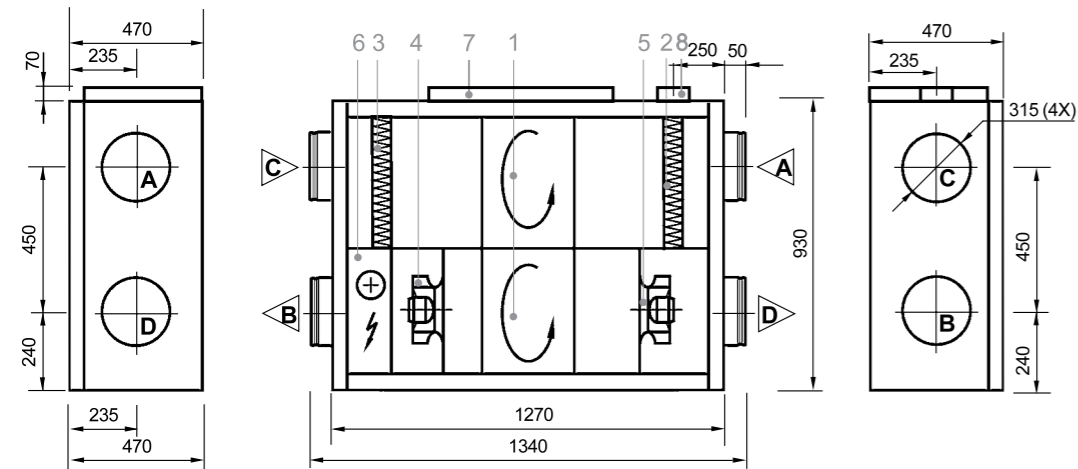
SPECIFICATIONS

REGO 1200P-EC (flat)

Panel thickness	45 mm
Unit weight	120 kg
Nominal air flow	1200 m³/h
Supply voltage	3~ 400/50 V/Hz
Operating current*	8,7 A
Control system	KOMFOVENT C3

* Maximal

REGO 1200P-EC



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

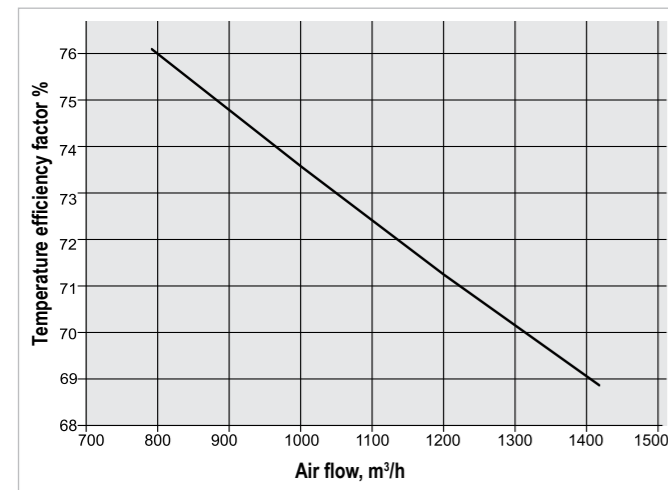
Design:

1. Rotary heat exchanger
2. Supply air filter
3. Exhaust air filter
4. Supply fan
5. Exhaust fan
6. Air heater
7. Electric box
8. Main switch

TECHNICAL DATA

Thermal Efficiency (1200m³/h)

Parameters	Supply				Exhaust	Unit
Inlet parameters						
Air temperature	-15	-10	-5	0	20	°C
Relative humidity	82	82	82	82	45	%
Outlet parameters						
Air temperature	10	11,4	12,8	14,3		°C
Relative humidity	65	62	14,3	40		%



Rotary Heat Exchanger

Air 20°C/ 50%/ 1013 mbar	Supply	Exhaust	Unit
Flow rate	1200	1200	m³/h
Velocity	3,2	3,2	m/s
Pressure losses	198	198	Pa
Thermal efficiency	71,3		%
Energy recovery	12,1		kW
Inlet parameters			
Air temperature	-23	20	°C
Relative humidity	82	40	%
Outlet parameters			
Air temperature	7,7	-10,6	°C
Relative humidity	84	98	%

Single-inlet Radial Fans

Parameters	Supply	Exhaust	Unit
Air flow	1200	1200	m³/h
Motors			
Type	EC	EC	
Input power	425	425	W
Rotation speed*	2725	2725	rpm
Supply voltage	1~ 230/50	1~ 230/50	V/Hz
Operating current*	2,6	2,6	A
Protection level	IP 54	IP 54	IEC 34-5

Electric Air Heater

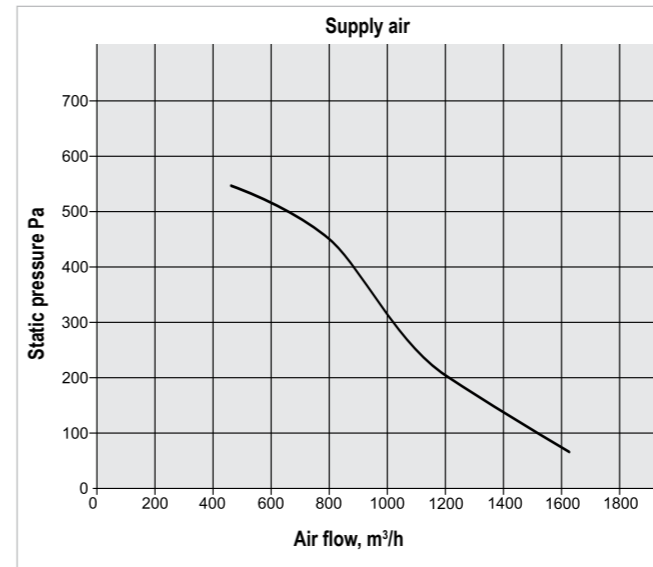
Parameters	Supply	Exhaust
Air flow	1200 m³/h	
Capacity	4 kW	
Air temperature in/out	7,7/17,8°C	
Supply voltage	3~ 400/50 V/Hz	

Note: there is an option to connect hot water duct air heater.

* Maximal

PERFORMANCE

REGO 1200P-EC



Correction factor for F7 class filter approximately – 70 Pa.

Acoustic Data

Parameters	Supply	Exhaust
Supply air flow (into air ducts)	EC	
Intake	LwA,dB(A)	
Supply	66	
Exhaust air flow (into air ducts)	77	
Extract	66	
Exhaust	77	
Surrounding	51	

Air Filters

Parameters	Supply	Exhaust
Filter class	F5/F7	F5/F7
Type	Panel	Panel
Dimensions bxxhxl, mm	410x420x46	410x420x46

