

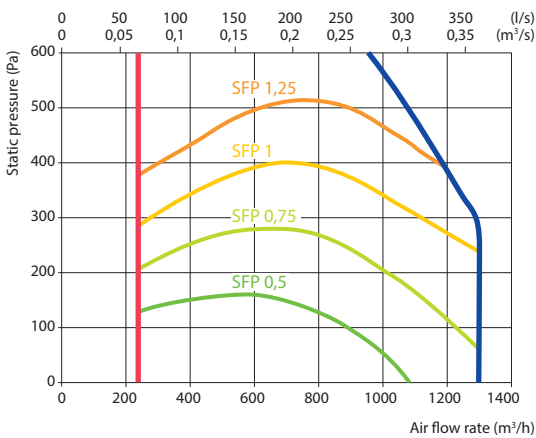
RHP 1200 U C5

Nominal air flow, m ³ /h	1300
Nominal air flow, l/s	361
Electric air heater capacity, kW / Δt, °C	3 / 6,7
Supply voltage, V	3~400
Maximal operating current, A	12,2
Power supply cable, mm ²	5x2,5
Electric power input of the fan drive at maximum flow rate, W	288
Noise power level, L _{WA} , dB(A)	53
Noise pressure level, L _{PA} , dB(A) (3 m)	43
Filters dimensions BxHxL, mm	805x400x46
Unit dimensions BxHxL, mm	905x905x1505
Panel thickness, mm	45
Maintenance space, mm	800
Refrigerant R134 A, kg	3,4
Unit weight, kg	270



Performance

Unit with standard equipment

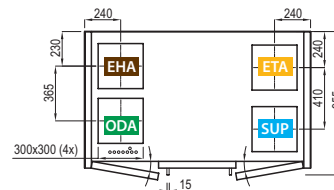
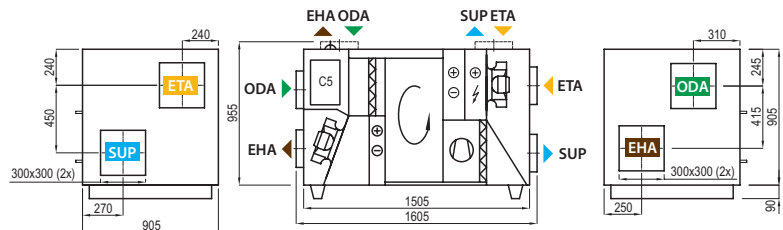


Temperature efficiency

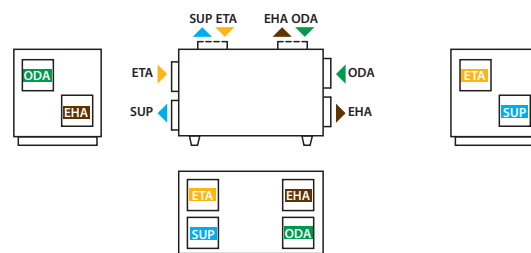
	Winter					Summer		
Outside temperature, °C	-23	-15	-10	-5	0	25	30	35
After heat exchanger, °C	13,5	15,0	15,9	16,9	17,8	22,6	23,5	24,5

Indoor +22°C, 20 % RH

Shown as right (R1)



Shown as left (L1)

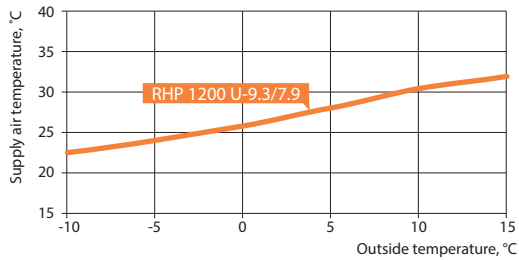


▶ ODA – outdoor intake ▶ SUP – supply air ▶ ETA – extract indoor ▶ EHA – exhaust air

Accessories

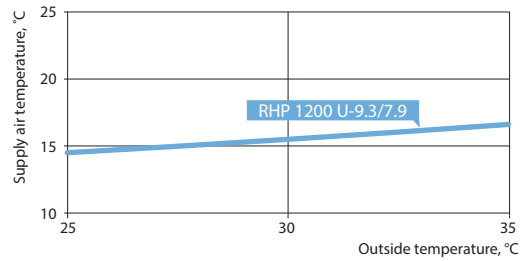
Closing damper	SRU-M-300x300+LF24/CM24
	ODA/EHA AGS-315-100-900-M
Silencer	SUP/ETA AGS-315-100-1200-M

Heating mode



Application: 20°C, RH 45% indoor.

Cooling mode



Application: 24°C, RH 55% indoor
Total (heating and cooling) – rotary heat recovery + heat pump.

Heat pump parameters

	RHP 1200 U 9.3/7.9				
	Heating			Cooling	
Outdoor temperature, °C	7	2	-7	35	27
Outdoor air related humidity, %	86	84	74	40	45
Indoor air temperature, °C	20	20	20	27	21
Indoor air related humidity, %	50	50	45	40	50
Supply air temperature, °C	29,1	27,0	23,9	17,1	12,2
Heat pump heating/cooling power, kW	5,11	4,61	3,92	5,31	5,11
Heat pump heating/cooling power consumption, kW	0,97	0,89	0,82	1,51	1,24
System SCOP ^{1,2,3} , Average climate / System SEER ^{1,2,3}	10,45			4,08	
COP/EER	5,27	5,17	4,75	3,51	4,13

¹ Rotary heat exchanger wave size "L"
² Rotary heat exchanger + heat pump
³ According to EN 14825 standard