

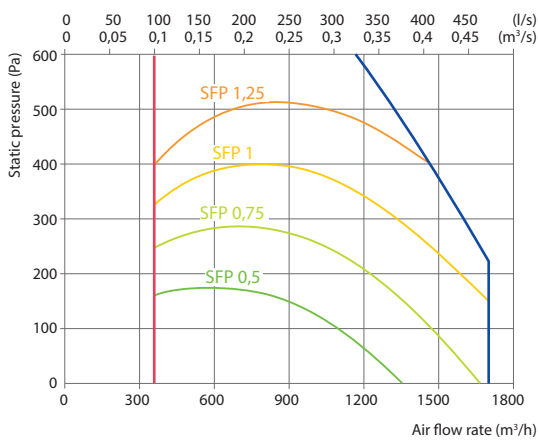
RHP 1600 U C5

Nominal air flow, m ³ /h	1700
Nominal air flow, l/s	472
Electric air heater capacity, kW / Δt, °C	3 / 5,2
Supply voltage, V	3~400
Maximal operating current, A	12,8
Power supply cable, mm ²	5×2,5
Electric power input of the fan drive at maximum flow rate, W	393
Noise power level, L _{WA} dB(A)	50
Noise pressure level, L _{pA} dB(A) (3 m)	41
Filters dimensions B×H×L, mm	805×400×46
Supply filter class	ePM1 60 (F7)
Exhaust filter class	ePM10 50 (M5)
Unit dimensions B×H×L, mm	905×905×1505
Panel thickness, mm	45
Maintenance space, mm	850
Refrigerant R454C, kg	1,6
Unit weight, kg	270



Performance

Unit with standard equipment



Accessories

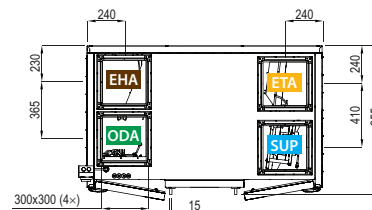
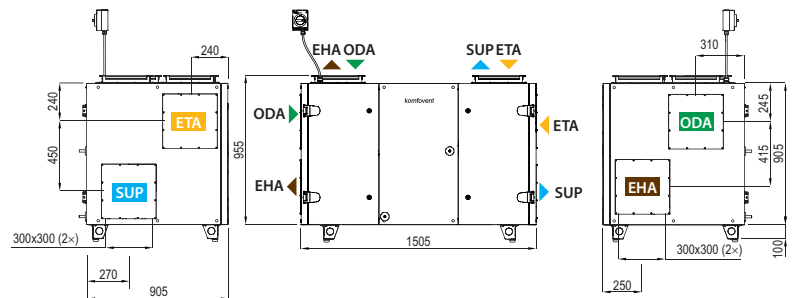
Closing damper		SRU-M-300x300+LF24/CM24
Silencer	ODA/ETA	AGS-315-100-900-M
	SUP/EHA	AGS-315-100-1200-M
Siphon		HL136.N DN40

Temperature efficiency

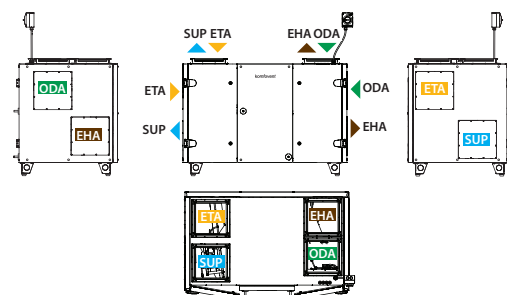
	Winter					Summer		
Outside temperature, °C	-23	-15	-10	-5	0	25	30	35
After heat exchanger, °C	13,4	14,9	15,9	16,8	17,8	22,6	23,5	24,5

Indoor +22°C, 20 % RH

Shown as right (R1)

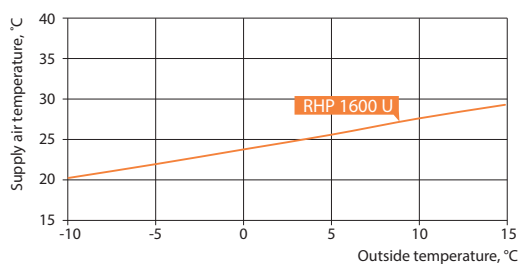


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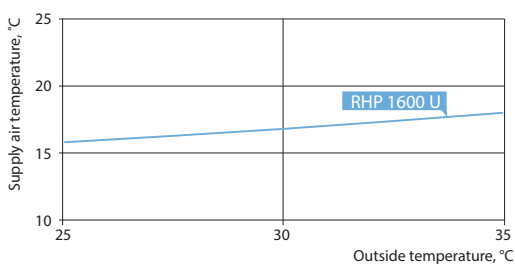


▶ ODA – outdoor intake ▶ SUP – supply air ▶ ETA – extract indoor ▶ EHA – exhaust air

Heating mode



Cooling mode



Heat pump parameters

	Heating			Cooling	
	7	2	-7	35	27
Outdoor temperature, °C	7	2	-7	35	27
Outdoor air related humidity, %	86	84	74	40	45
Indoor air temperature, °C	20			27	21
Indoor air related humidity, %	50	50	45	40	50
Supply air temperature, °C	26,3	24,7	21,5	18,9	13,4
Heat pump heating/cooling power, kW	5,06	4,67	3,81	5,64	5,42
Heat pump heating/cooling power consumption, kW	0,84	0,82	0,71	1,41	1,15
System SCOP ^{1,2,3} , Average climate / System SEER ^{1,2,3}	11,9			4,1	
COP/EER	6	5,73	5,41	3,99	4,7

¹ Rotary heat exchanger wave size "ML"

² Rotary heat exchanger + heat pump

³ According to EN 14825 standard