

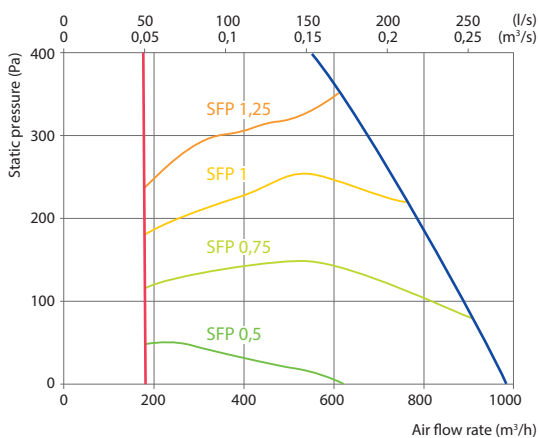
RHP 900 V C5

Nominal air flow, m³/h	889
Nominal air flow, l/s	247
Electric air heater capacity, kW / Δt, °C	2 / 6,2
Supply voltage, V	3~400
Maximal operating current, A	8,7
Power supply cable, mm²	5x1,5
Electric power input of the fan drive at maximum flow rate, W	200
Noise power level, L _{WA} dB(A)	48
Noise pressure level, L _{PM} dB(A) (3 m)	39
Filters dimensions BxHxL, mm	695x330x46
Supply filter class	ePM1 60 (F7)
Exhaust filter class	ePM10 50 (M5)
Unit dimensions BxHxL, mm	800x1300x1070
Panel thickness, mm	45
Maintenance space, mm	1100
Refrigerant R1234YF, kg	1,2
Unit weight, kg	195



Performance

Unit with standard equipment



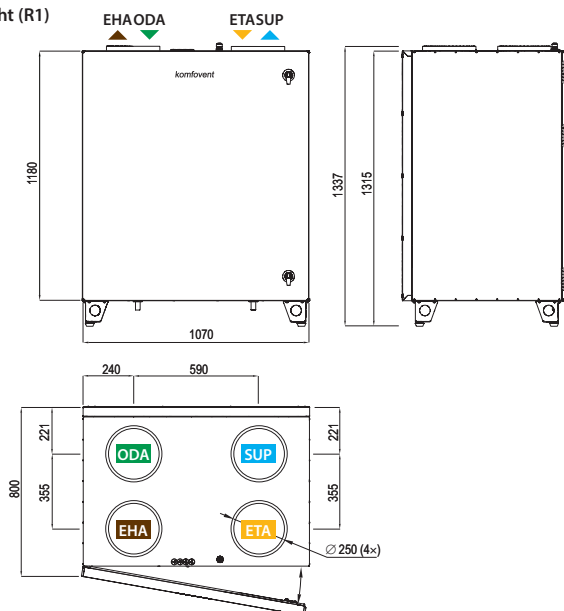
Accessories

Closing damper	AGUJ-250+TF24/CM24
Silencer	ODA/EHA ASTS-250-600-M
	SUP/ETA AGS-250-100-900-M

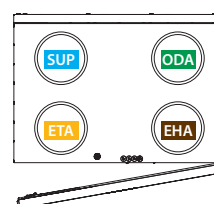
Temperature efficiency

	Winter					Summer		
Outside temperature, °C	-23	-15	-10	-5	0	25	30	35
After heat exchanger, °C	14,2	15,6	16,4	17,3	18,2	22,5	23,4	24,3
Indoor +22°C, 20 % RH								

Shown as right (R1)

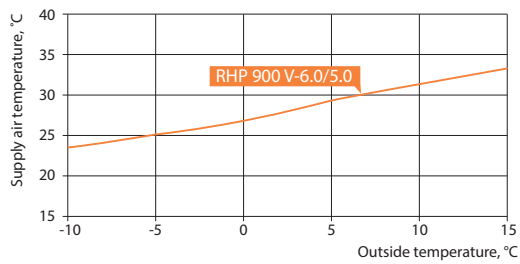


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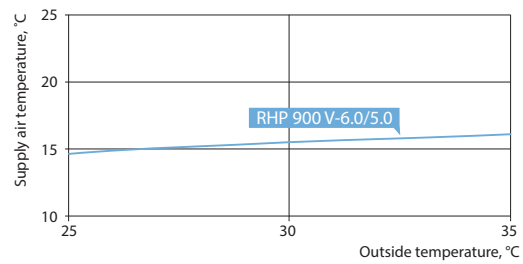


ODA – outdoor intake
 SUP – supply air
 ETA – extract indoor
 EHA – exhaust air

Heating mode



Cooling mode



Heat pump parameters

	RHP 900 V 6.0/5.0				
	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	27,6	26	22,7	17,5	12,5
Heat pump heating/cooling power, kW	2,98	2,65	2,23	3,28	3,02
Heat pump heating/cooling power consumption, kW	0,49	0,45	0,4	0,75	0,6
System SCOP ^{1,2,3} , Average climate / System SEER ^{1,2,3}	9,61			5,47	
COP/EER	6,12	5,88	5,53	4,38	5,06

¹ Rotary heat exchanger wave size "ML"

² Rotary heat exchanger + heat pump

³ According to EN 14825 standard