komfovent

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_{PA}, dB(A) (3 m)	39
Filters dimensions B×H×L, mm	695×330×46
Supply filter class	ePM1 60 (F7)
Exhaust filter class	ePM10 50 (M5)
Unit dimensions B×H×L, mm	800×1300×1070
Panel thickness, mm	45
Maintenance space, mm	1100
Refrigerant R1234YF, kg	1,2
Unit weight, kg	195

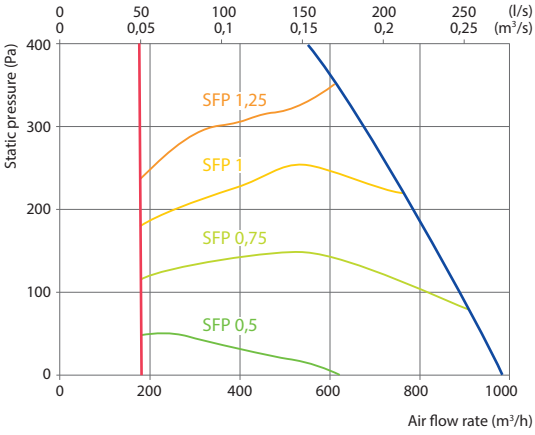
EXV

BLDC

C5.1

Performance

Unit with standard equipment



Temperature efficiency

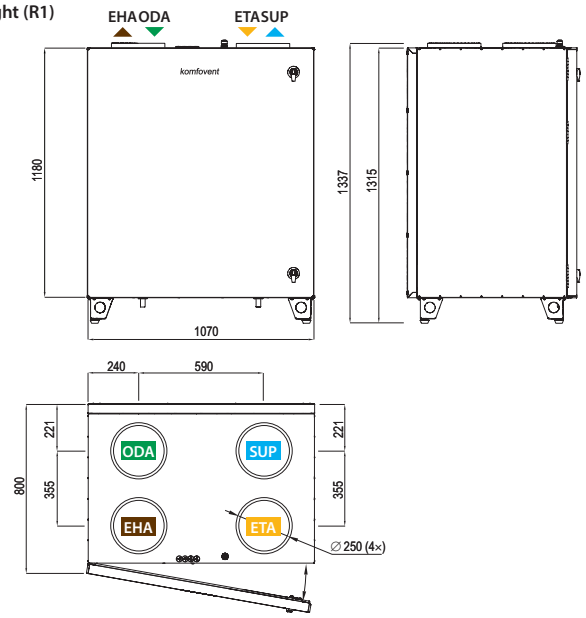
	Winter					Summer		
Outside temperature, °C	-23	-15	-10	-5	0	25	30	35
After heat exchanger, °C	14,2	15,6	16,4	17,3	18,2	22,5	23,4	24,3

Indoor +22°C, 20 % RH

Accessories

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

Shown as right (R1)



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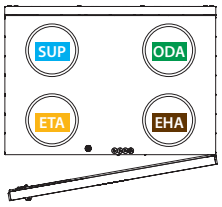
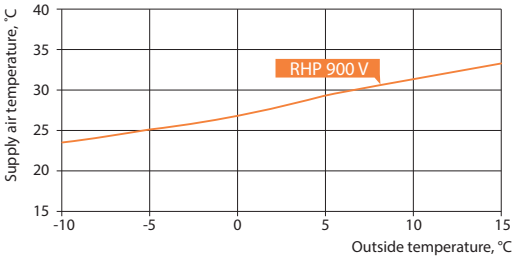


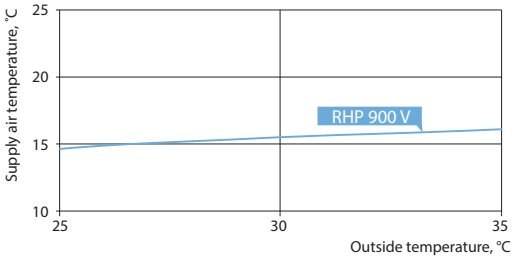
ODA – outdoor intake **SUP** – supply air **ETA** – extract indoor **EHA** – exhaust air

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

	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