

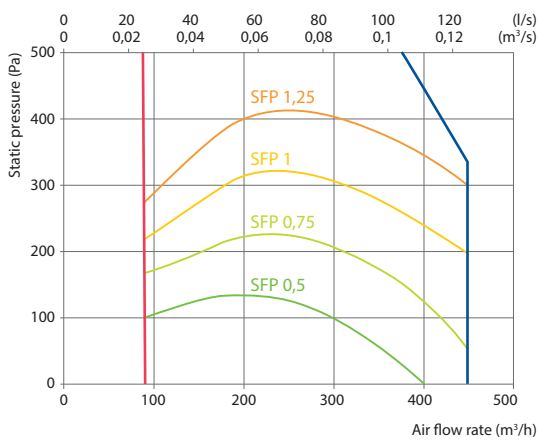
RHP 450 V C5

Nominal air flow, m ³ /h	450
Nominal air flow, l/s	125
Electric air heater capacity, kW / Δt, °C	1/6,5
Supply voltage, V	1~230
Maximal operating current, A	10,8
Power supply cable, mm ²	3×1,5
Electric power input of the fan drive at maximum flow rate, W	116
Noise power level, L _{WA} dB(A)	52
Noise pressure level, L _{pA} dB(A) (3 m)	42
Filters dimensions B×H×L, mm	540×185×46
Supply filter class	ePM1 60 (F7)
Exhaust filter class	ePM10 50 (M5)
Unit dimensions B×H×L, mm	645×1050×830
Panel thickness, mm	45
Maintenance space, mm	700
Refrigerant R1234YF, kg	0,7
Unit weight, kg	121



Performance

Unit with standard equipment



Accessories

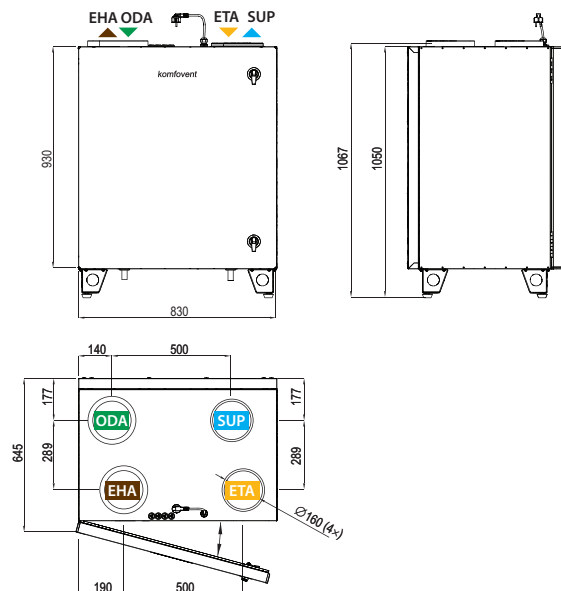
Closing damper	AGUJ-M-160+TF24/CM24
Silencer	ODA/ETA AGS-160-50-600-M
	SUP/EHA AGS-160-50-900-M
Siphon	MINI

Temperature efficiency

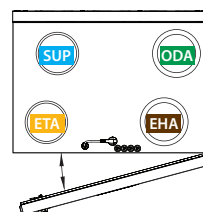
	Winter					Summer		
Outside temperature, °C	-23	-15	-10	-5	0	25	30	35
After heat exchanger, °C	13,5	15	16	16,9	17,9	22,6	23,5	24,4

Indoor +22°C, 20 % RH

Shown as right (R1)

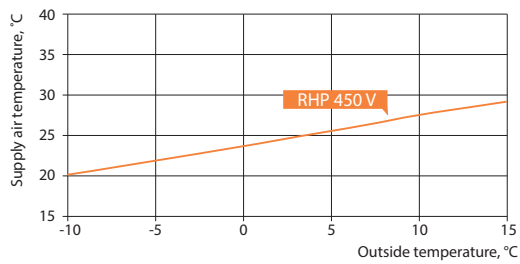


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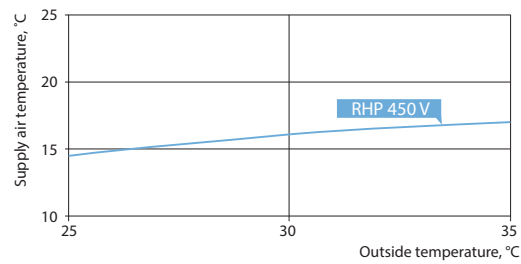


ODA – outdoor intake SUP – supply air ETA – extract indoor EHA – exhaust air

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	30,6	28,3	24,8	17,3	12,2
Heat pump heating/cooling power, kW	1,99	1,79	1,51	1,92	1,9
Heat pump heating/cooling power consumption, kW	0,51	0,46	0,4	0,66	0,56
System SCOP ^{1,2,3} , Average climate / System SEER ^{1,2,3}	8,15			3,97	
COP/EER	3,91	3,91	3,76	2,89	3,41

¹ Rotary heat exchanger wave size "ML"² Rotary heat exchanger + heat pump³ According to EN 14825 standard