

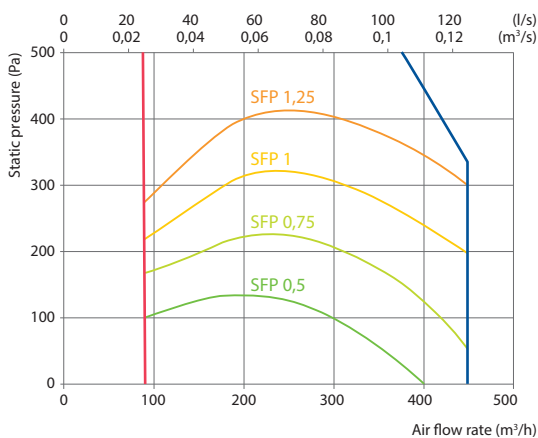
RHP 450 V C5

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	3x1,5
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 _{PM} , dB(A) (3 m)	42
Filters dimensions BxHxL, mm	540x185x46
Supply filter class	ePM1 60 (F7)
Exhaust filter class	ePM10 50 (M5)
Unit dimensions BxHxL, mm	645x1050x830
Panel thickness, mm	45
Maintenance space, mm	700
Refrigerant R1234YF, kg	0,6
Unit weight, kg	121



Performance

Unit with standard equipment



Accessories

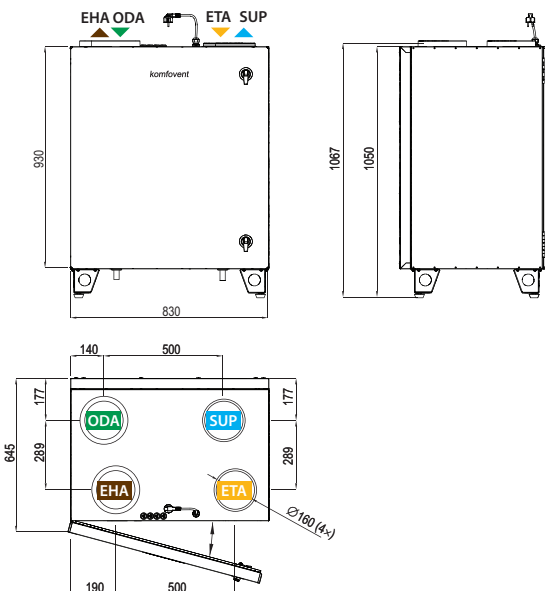
Closing damper	AGUJ-M-160+LF24/CM24
Silencer	ODA/EHA AGS-160-50-600-M
	SUP/ETA AGS-160-50-900-M

Temperature efficiency

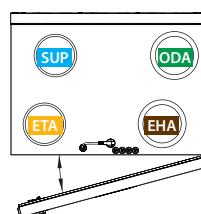
	Winter					Summer		
Outside temperature, °C	-23	-15	-10	-5	0	25	30	35
After heat exchanger, °C	13,5	15	16	16,9	17,9	22,6	23,5	24,4

Indoor +22°C, 20 % RH

Shown as right (R1)

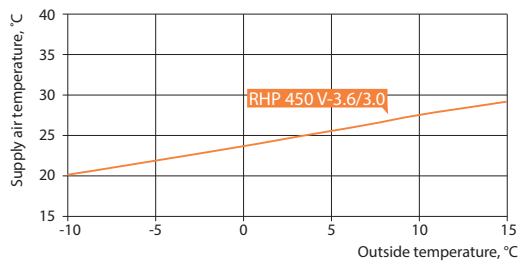


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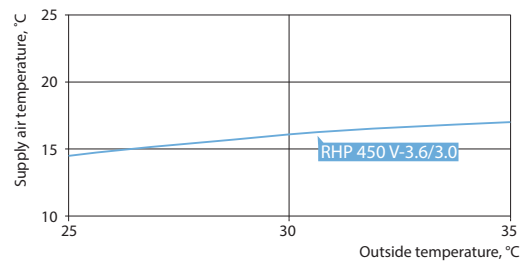


ODA – outdoor intake SUP – supply air ETA – extract indoor EHA – exhaust air

Heating mode



Cooling mode



Heat pump parameters

	RHP 450 V-3.6/3.0				
	Heating			Cooling	
Outdoor temperature, °C	7	2	-7	35	27
Outdoor air related humidity, %	86	84	74	40	45
Indoor air temperature, °C	20			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 pump

³ According to EN 14825 standard