

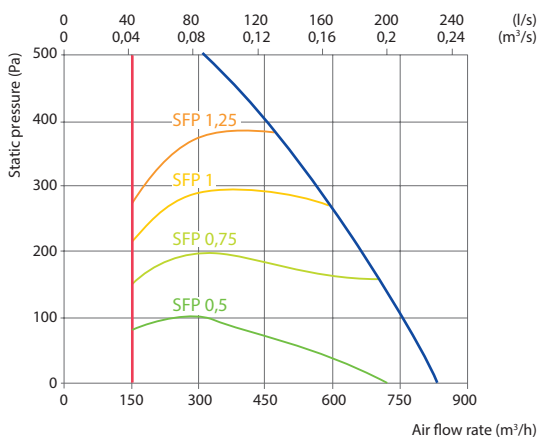
RHP 700 V C5

Nominal air flow, m³/h	720
Nominal air flow, l/s	200
Electric air heater capacity, kW / Δt, °C	1,5 / 5,8
Supply voltage, V	1~230
Maximal operating current, A	14,1
Power supply cable, mm²	3×1,5
Electric power input of the fan drive at maximum flow rate, W	154
Noise power level, L _{WA} , dB(A)	53
Noise pressure level, L _{pA} , dB(A) (3 m)	42
Filters dimensions B×H×L, mm	640×260×46
Supply filter class	ePM1 60 (F7)
Exhaust filter class	ePM10 50 (M5)
Unit dimensions B×H×L, mm	745×1220×1000
Panel thickness, mm	45
Maintenance space, mm	1020
Refrigerant R1234YF, kg	1,1
Unit weight, kg	150



Performance

Unit with standard equipment

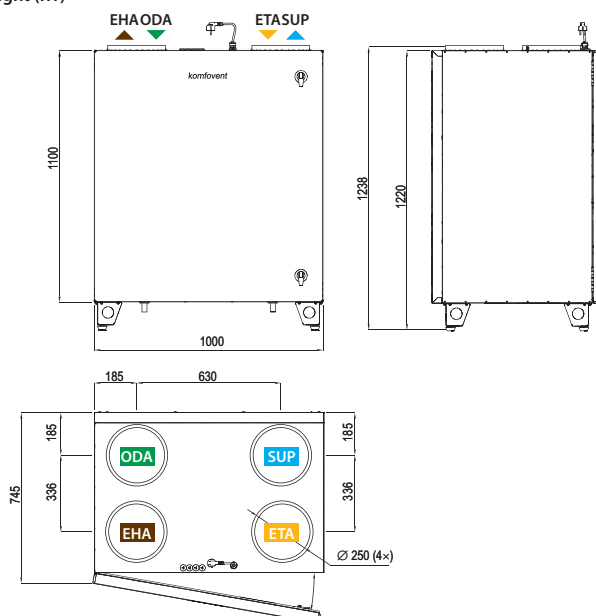


Temperature efficiency

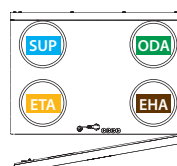
	Winter					Summer		
Outside temperature, °C	-23	-15	-10	-5	0	25	30	35
After heat exchanger, °C	14,1	15,5	16,4	17,3	18,1	22,5	23,4	24,3

Indoor +22°C, 20 % RH

Shown as right (R1)

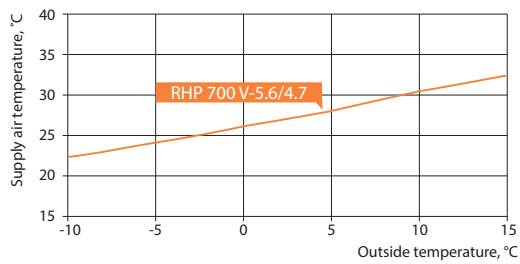


Shown as left (L1)

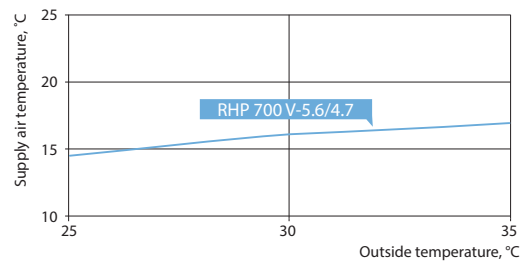


▶ ODA – outdoor intake
 ▶ SUP – supply air
 ▶ ETA – extract indoor
 ▶ EHA – exhaust air

Heating mode



Cooling mode



Heat pump parameters

	RHP 700 V 5.6/4.7				
	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	29,7	27,7	24,4	16,2	11,3
Heat pump heating/cooling power, kW	2,93	2,66	2,23	3,07	2,9
Heat pump heating/cooling power consumption, kW	0,54	0,5	0,45	0,82	0,67
System SCOP ^{1,2,3} , Average climate / System SEER ^{1,2,3}	9,18			4,95	
COP/EER	5,46	5,31	5	3,74	4,36

¹ Rotary heat exchanger wave size "ML"

² Rotary heat exchanger + heat pump

³ According to EN 14825 standard