

RHP 2500 V C5

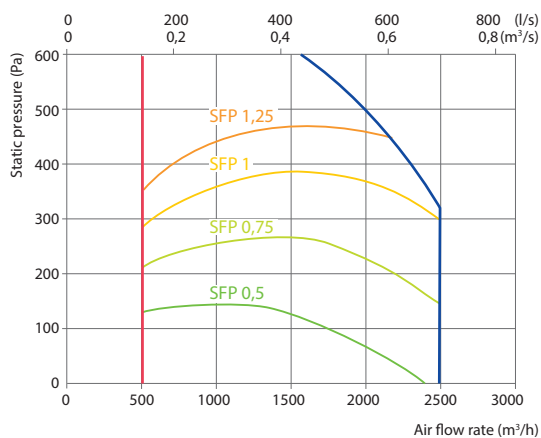
Nominal air flow, m ³ /h	2500
Nominal air flow, l/s	694
Electric air heater capacity, kW / Δt, °C	4,5 / 5,0
Supply voltage, V	3~400
Maximal operating current, A	19,2
Power supply cable, mm ²	5×2,5
Electric power input of the fan drive at maximum flow rate, W	534
Noise power level, L _{WA} dB(A)	45
Noise pressure level, L _{pA} dB(A) (3 m)	34
Filters dimensions B×H×L, mm	840×420×92
Supply filter class	ePM1 60 (F7)
Exhaust filter class	ePM10 50 (M5)
Unit dimensions B×H×L, mm	940×1585×1500
Panel thickness, mm	45
Maintenance space, mm	840
Refrigerant R454C, kg	1,9
Unit weight, kg	346



C.1

Performance

Unit with standard equipment

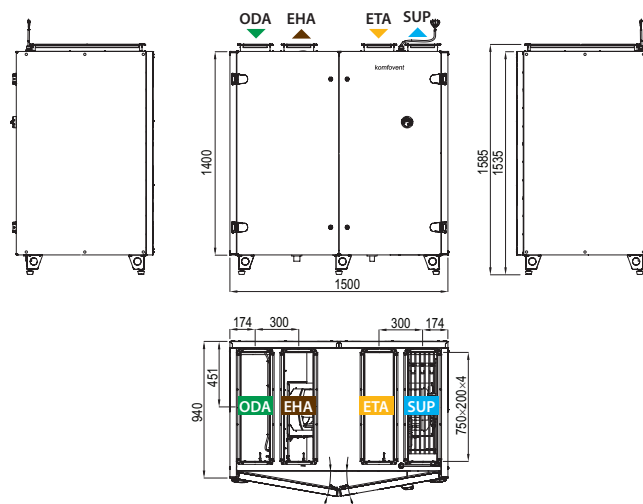


Temperature efficiency

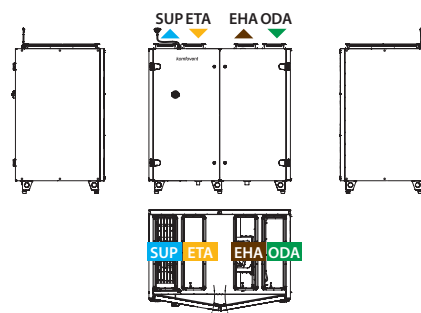
	Winter					Summer		
Outside temperature, °C	-23	-15	-10	-5	0	25	30	35
After heat exchanger, °C	14	15,4	16,3	17,2	18,1	22,5	23,4	24,3

Indoor +22°C, 20 % RH

Shown as right (R1)



Shown as left (L1)

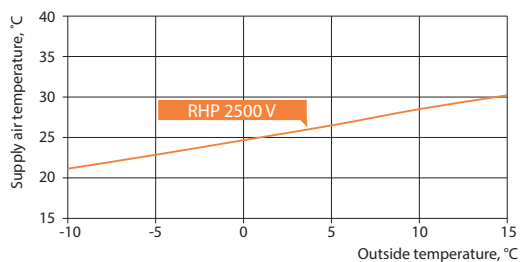


▶ ODA – outdoor intake ▶ SUP – supply air ▶ ETA – extract indoor ▶ EHA – exhaust air

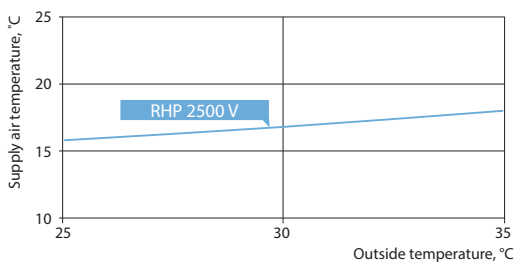
Accessories

Closing damper	SRU-M-750x200+LF24/LM24	
Silencer	ODA/ETA	STS-12Z6M6-800-200-700-S
	SUP/EHA	STS-IPLQIB-800-200-1250-S
Siphon	HL136.N DN40	
	ERI	

Heating mode



Cooling mode



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			27	21
Indoor air related humidity, %	50	50	45	40	50
Supply air temperature, °C	27,4	25,6	22,4	19,1	13,8
Heat pump heating/cooling power, kW	8,18	7,44	6,15	8,18	7,81
Heat pump heating/cooling power consumption, kW	1,41	1,33	1,18	2,04	1,68
System SCOP ^{1,2,3} , Average climate / System SEER ^{1,2,3}	9,83			5,18	
COP/EER	5,79	5,6	5,2	4,02	4,66

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