

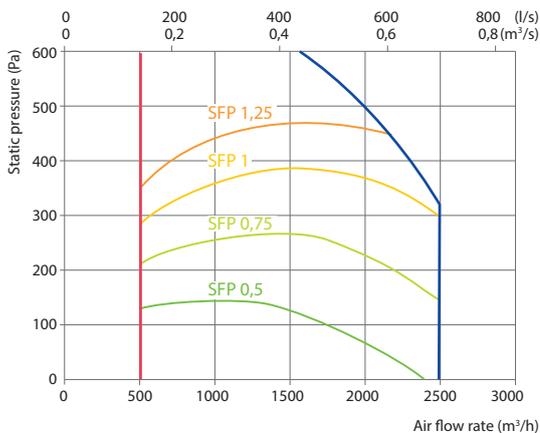
# RHP 2500 V C5

Nominal air flow, m <sup>3</sup> /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 <sup>2</sup>	5×2,5
Electric power input of the fan drive at maximum flow rate, W	534
Noise power level, L <sub>WA</sub> , dB(A)	45
Noise pressure level, L <sub>pM</sub> , 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



## Performance

Unit with standard equipment

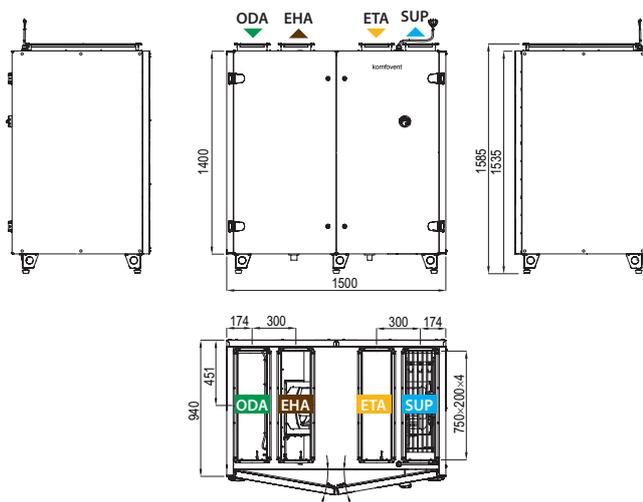


## Temperature efficiency

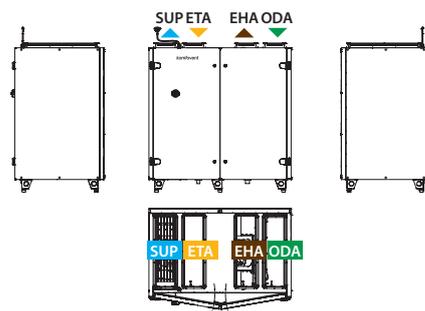
Outside temperature, °C	Winter					Summer		
	-23	-15	-10	-5	0	25	30	35
After heat exchanger, °C	14	15,4	16,3	17,2	18,1	22,5	23,4	24,3

Indoor +22°C, 20 % RH

Shown as right (R1)



Shown as left (L1)

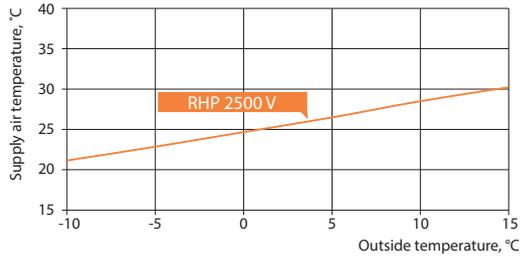


▶ ODA – outdoor intake    ▶ SUP – supply air    ▶ ETA – extract indoor    ▶ EHA – exhaust air

## Accessories

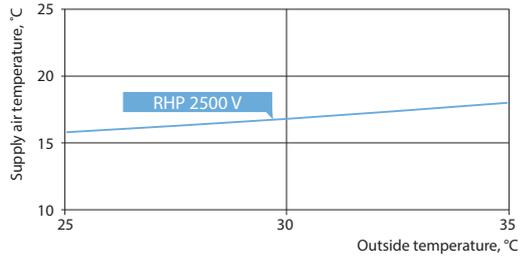
Closing damper	SRU-M-750x200+LF24/LM24
Silencer	ODA/ETA STS-12Z6M6-800-200-700-S SUP/EHA STS-IPLQIB-800-200-1250-S

**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	
	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	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 <sup>1,2,3</sup> , Average climate / System SEER <sup>1,2,3</sup>	9,83			5,18	
COP/EER	5,79	5,6	5,2	4,02	4,66

<sup>1</sup> Rotary heat exchanger wave size "ML"

<sup>2</sup> Rotary heat exchanger + heat pump

<sup>3</sup> According to EN 14825 standard