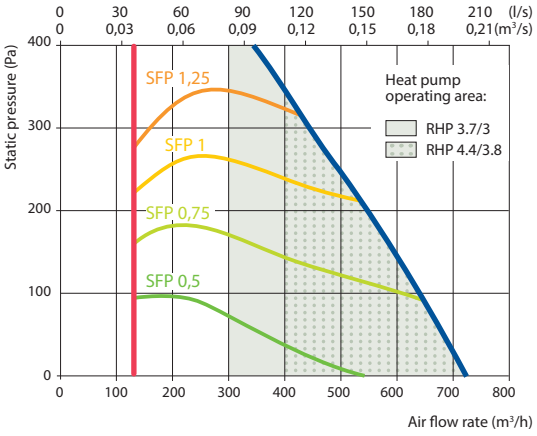
RHP 600 U C5

Nominal air flow, m^3/h	668
Nominal air flow, l/s	186
Electric air heater capacity, kW / Δt, °C	1 / 4,4
Supply voltage, V	1~230
Maximal operating current, A	9,6 (RHP 3.7/3)
Maximal operating current, A	10,5 (RHP 4.4/3.8)
Power supply cable, mm^2	3×1,5
Electric power input of the fan drive at maximum flow rate, W	150
Noise power level, L_{WA}, dB(A)	53
Noise pressure level, L_{PA}, dB(A) (3 m)	42
Filters dimensions B×H×L, mm	500×280×46
Unit dimensions B×H×L, mm	650×894×1254
Panel thickness, mm	50
Maintenance space, mm	600
Refrigerant R134 A, kg	2,08
Unit weight, kg	194

Performance

Unit with standard equipment

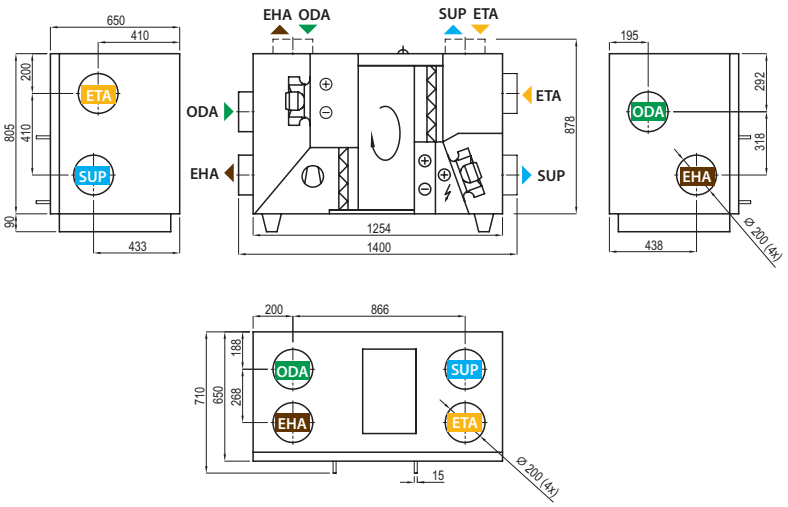


Temperature efficiency

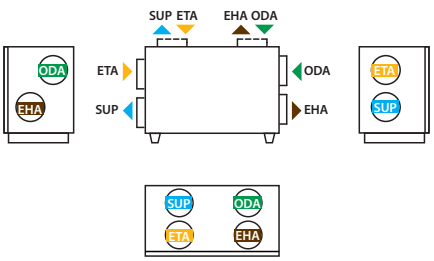
	Winter					Summer		
Outside temperature, °C	-23	-15	-10	-5	0	25	30	35
After heat exchanger, °C	12,5	14,2	15,2	16,3	17,3	22,6	23,7	24,8

Indoor +22°C, 20 % RH

Shown as right (R1)



Shown as left (L1)

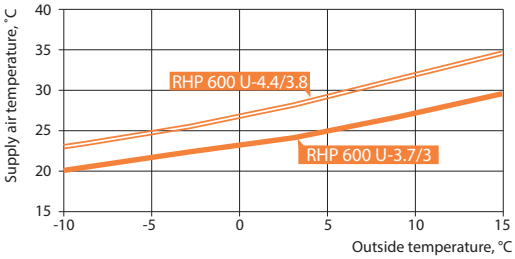


ODA – outdoor intake **SUP** – supply air **ETA** – extract indoor **EHA** – exhaust air

Accessories

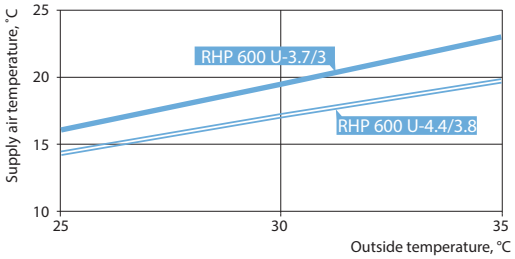
Closing damper		AGUJ-M-200+LF24/CM24
Silencer	ODA/EHA	AGS-200-50-600-M
	SUP/ETA	AGS-200-50-900-M

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

	RHP 600 U-3.7/3					RHP 600 U-4.4/3.8				
	Heating			Cooling		Heating			Cooling	
Outdoor temperature, °C	7	2	-7	35	27	7	2	-7	35	27
Outdoor air related humidity, %	86	84	74	40	45	86	84	74	40	45
Indoor air temperature, °C	20	20	20	27	21	20	20	20	27	21
Indoor air related humidity, %	50	50	45	40	50	50	50	45	40	50
Supply air temperature, °C	25	23,2	20	20,6	14,8	27,9	25,9	22,2	18,8	13,2
Heat pump heating/cooling power, kW	1,67	1,51	1,24	1,8	1,68	2,34	2,21	1,74	2,37	2,92
Heat pump heating/cooling power consumption, kW	0,4	0,38	0,34	0,43	0,38	0,62	0,53	0,52	0,68	0,63
System SCOP [1,2,3], Average climate / System SEER [1,2,3]		13,3		4,52			9,7		4,7	
COP/EER	4,21	4	3,62	4,19	4,46	3,77	4,18	3,33	3,49	4,62

[1] Rotary heat exchanger wave size "L"
[2] Rotary heat exchanger + heat pump
[3] According to EN 14825 standard