

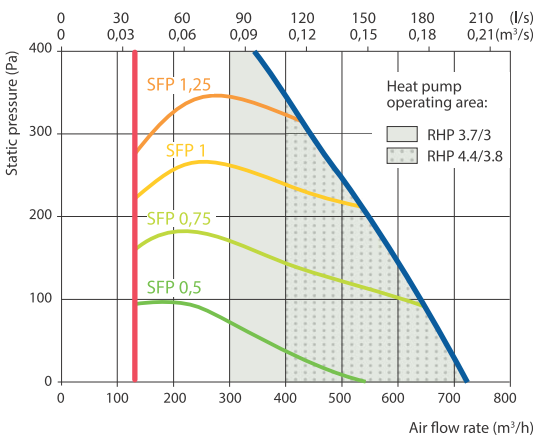
RHP 600 U C5

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	3x1,5
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 _{PM} , dB(A) (3 m)	42
Filters dimensions BxHxL, mm	500x280x46
Unit dimensions BxHxL, mm	650x894x1254
Panel thickness, mm	50
Maintenance space, mm	600
Refrigerant R134 A, kg	2,08
Unit weight, kg	194



Performance

Unit with standard equipment



Accessories

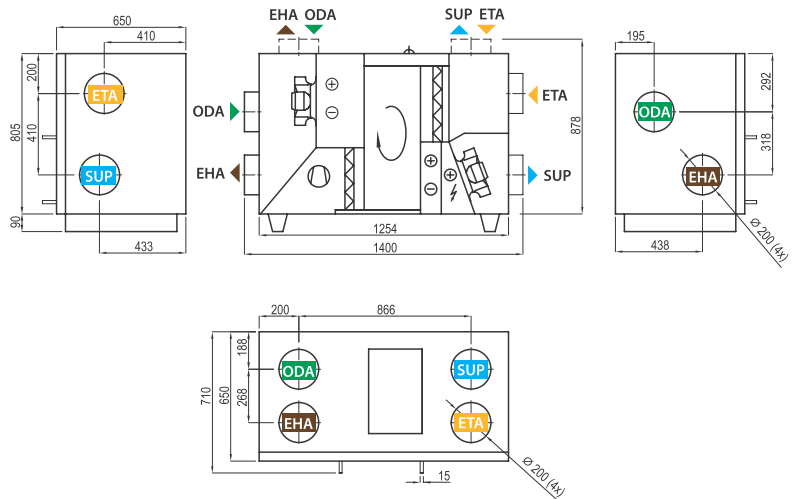
Closing damper	AGUJ-M-200+LF24/CM24
Silencer	ODA/EHA AGS-200-50-600-M SUP/ETA AGS-200-50-900-M

Temperature efficiency

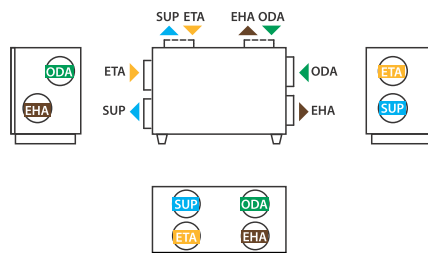
	Winter					Summer		
Outside temperature, °C	-23	-15	-10	-5	0	25	30	35
After heat exchanger, °C	12,5	14,2	15,2	16,3	17,3	22,6	23,7	24,8

Indoor +22°C, 20 % RH

Shown as right (R1)

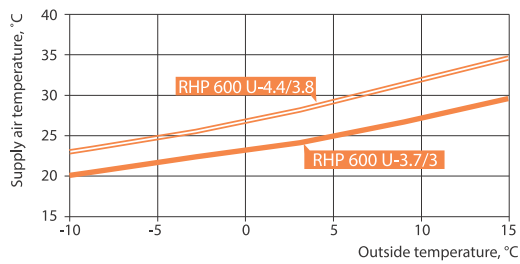


Shown as left (L1)



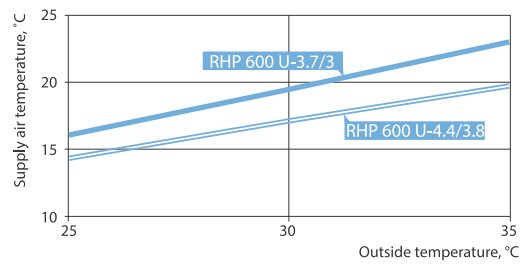
▶ ODA – outdoor intake ▶ SUP – supply air ▶ ETA – extract indoor ▶ EHA – exhaust air

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