

KOMPAKT REGO 4000

Panel thickness	45 mm
Unit weight	450 (145/160/145) kg
Nominal air flow	4000 m³/h
Supply voltage	3~400 V
Maximal operating current (E)	25,5 A
Maximal operating current (W)	4,2 A
Paint color	RAL 7035
Control system	KOMFOVENT C3



The photo is intended for informational purposes only, exact details may vary.

Air Filters. Supply / Exhaust

Filter class	EN779:2011 M5/F7*
Type	Bag filter
Dimensions bxxhxl	892x490x300 mm

Fans Motors EC

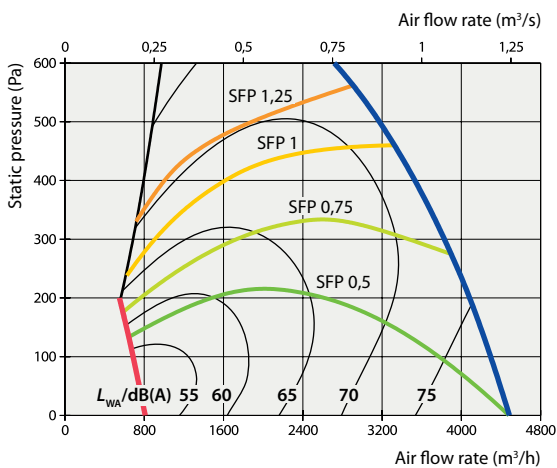
Input power	1000 W
Rotation speed	2140 rpm
Protection level, IEC 34-5	IP 54

Electric Air Heater

Capacity	15 kW
Air temperature, Δt	11,4°C

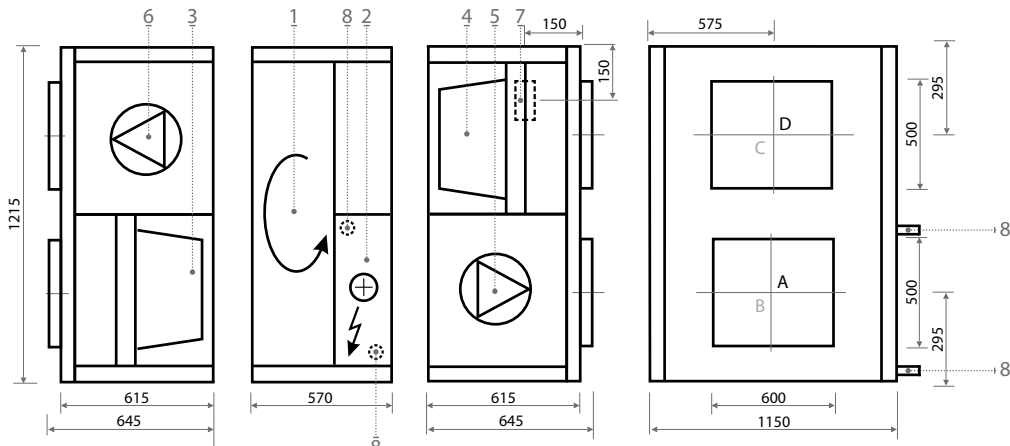
* Option

Performance REGO 4000-EC

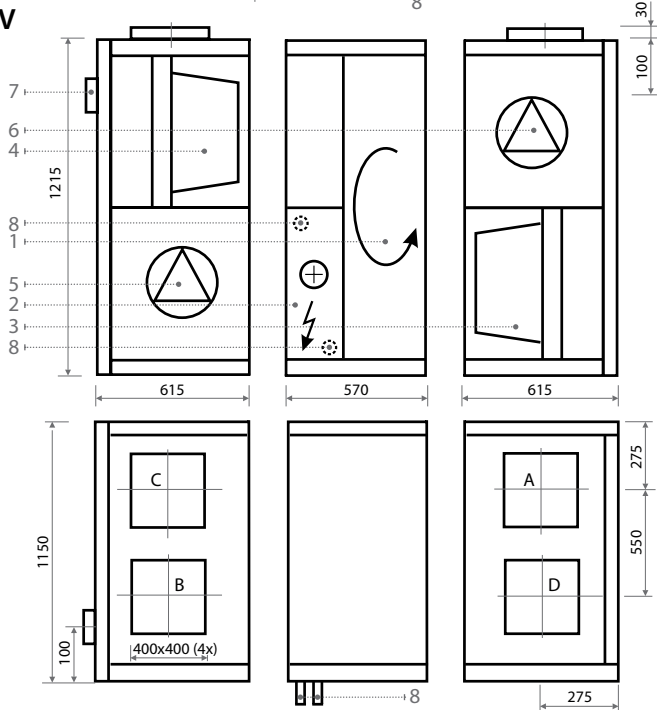


P[kW]= SFP[kW/(m³/s)] · V[m³/s]; SFP is shown for one fan. Performance data: filter M5, rotary heat exchanger – M. Correction factor for H/VW approximately 20 Pa at 4000 m³/h. Correction factor for F7 class filter approximately – 70 Pa.

REGO 4000H



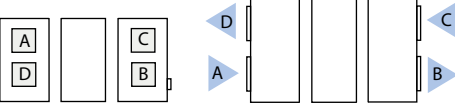
REGO 4000V



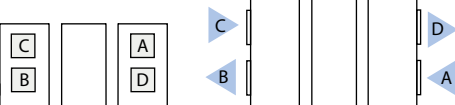
Design

1. Rotary heat exchanger
2. Electric or water air heater
3. Supply air filter
4. Exhaust air filter
5. Supply fan
6. Exhaust fan
7. Main switch
8. Fluid connection tube only for W

Shown as right



Shown as left



- A Outdoor intake
B Supply air
C Extract indoor
D Exhaust air

Temperature efficiency

	Supply					Exhaust
Intake temperature, °C	-23	-15	-10	-5	0	20
Supply temperature, °C	9,2	11,2	12,5	13,7	15,0	

Air to water heat exchanger, HW

Water temperature in/out, °C	90/70	80/60	70/50
Capacity, kW	31,1	26,3	21,6
Flow rate, dm³/h	1370	1156	944
Pressure drop, kPa	7,5	5,7	4
Connection, "		1/2	
Temperature in-out, °C	7,2/30	7,2/26,6	7,2/23,1

Acoustic Data

	63	125	250	500	1k	2k	4k	8k	dB(A)
REGO 4000 VE									
Supply Inlet	-13	-12	-14	-13	-15	-21	-26	-31	-11,1
Supply Outlet	-8	-2	-1	-1	-5	-12	-16	-20	0,0
Exhaust Inlet	-13	-12	-14	-13	-15	-20	-25	-30	-11,0
Exhaust Outlet	-8	-2	-1	-1	-5	-12	-16	-20	0,0
Surrounding (3pl., 3m)	-26	-22	-23	-30	-34	-41	-47	-51	-27,4

REGO 4000 HE

Supply Inlet	-10	-7	-6	-6	-12	-18	-23	-28	-5,9
Supply Outlet	-8	-2	-1	-1	-5	-12	-16	-20	0,0
Exhaust Inlet	-10	-7	-6	-6	-12	-17	-22	-27	-5,8
Exhaust Outlet	-8	-2	-1	-1	-5	-12	-16	-20	0,0
Surrounding (3pl., 3m)	-26	-22	-23	-30	-34	-41	-47	-51	-27,4

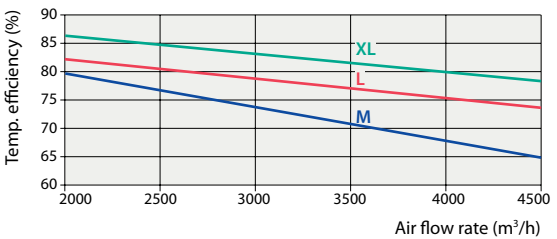
REGO 4000 VW

Supply Inlet	-13	-13	-15	-14	-17	-22	-27	-33	-12,3
Supply Outlet	-8	-2	-1	-1	-5	-12	-16	-20	0,0
Exhaust Inlet	-13	-12	-14	-13	-15	-20	-25	-30	-11,0
Exhaust Outlet	-8	-2	-1	-1	-5	-12	-16	-20	0,0
Surrounding (3pl., 3m)	-26	-22	-23	-30	-34	-41	-47	-51	-27,4

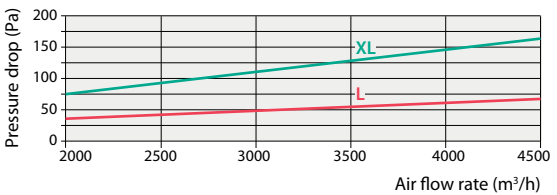
REGO 4000 HW

Supply Inlet	-11	-8	-7	-7	-13	-19	-24	-30	-7,1
Supply Outlet	-8	-2	-1	-1	-5	-12	-16	-20	0,0
Exhaust Inlet	-10	-7	-6	-6	-12	-17	-22	-27	-5,8
Exhaust Outlet	-8	-2	-1	-1	-5	-12	-16	-20	0,0
Surrounding (3pl., 3m)	-26	-22	-23	-30	-34	-41	-47	-51	-27,4

Temperature efficiency



Pressure drop



M - option, L - standard, XL - option

Accessories



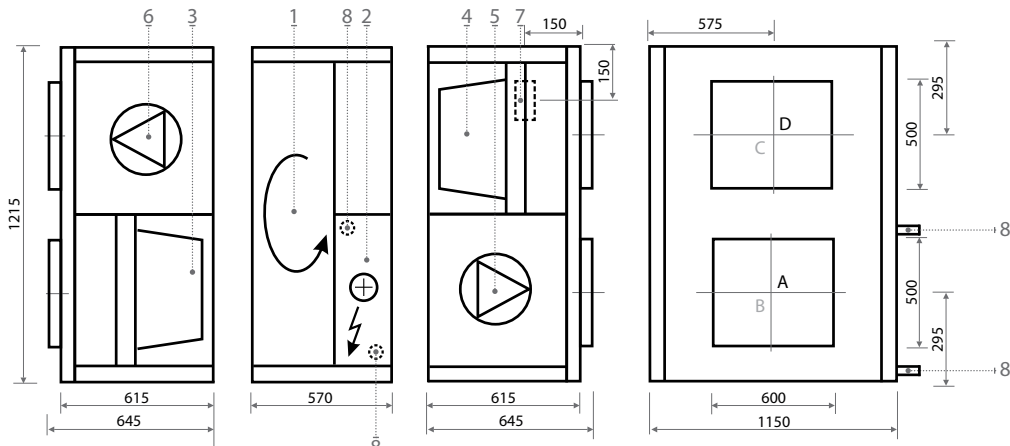
KOMPAKT REGO 4500

Panel thickness	45 mm
Unit weight	450 (145/160/145) kg
Nominal air flow	4500 m³/h
Supply voltage	3~400 V
Maximal operating current (E)	27,3 A
Maximal operating current (W)	6,0 A
Paint color	RAL 7035
Control system	KOMFOVENT C3

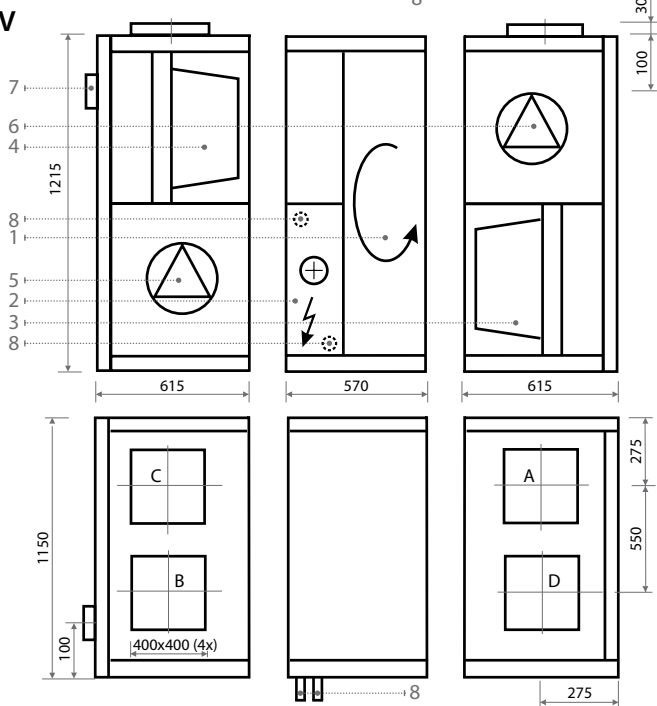


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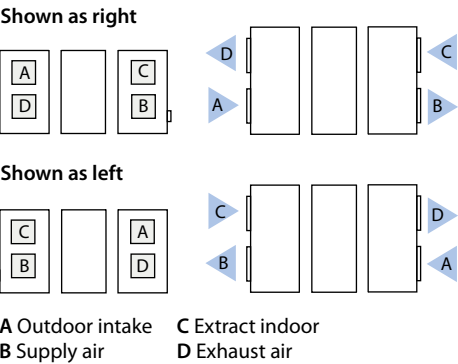
REGO 4500H



REGO 4500V



- Design**
1. Rotary heat exchanger
 2. Electric or water air heater
 3. Supply air filter
 4. Exhaust air filter
 5. Supply fan
 6. Exhaust fan
 7. Main switch
 8. Fluid connection tube only for W



Accessories



Air Filters. Supply / Exhaust

Filter class	EN779:2011 M5/F7*
Type	Bag filter
Dimensions bxxhxl	892x490x300 mm

Fans Motors EC

Input power	1700 W
Rotation speed	2600 rpm
Protection level, IEC 34-5	IP 54

Electric Air Heater

Capacity	15 kW
Air temperature, Δt	9,8°C

* Option

Temperature efficiency

	Supply					Exhaust
Intake temperature, °C	-23	-15	-10	-5	0	20
Supply temperature, °C	9,2	11	12,3	13,5	14,7	

Air to water heat exchanger, HW

Water temperature in/out, °C	90/70	80/60	70/50	60/40
Capacity, kW	37,1	31,5	25,9	20,3
Flow rate, dm³/h	1648	1391	1136	884
Pressure drop, kPa	12,5	9,5	7,5	5,8
Connection, "	1			
Temperature in-out, °C	6,3/31	6,3/27	6,3/24	6,3/20

Acoustic Data

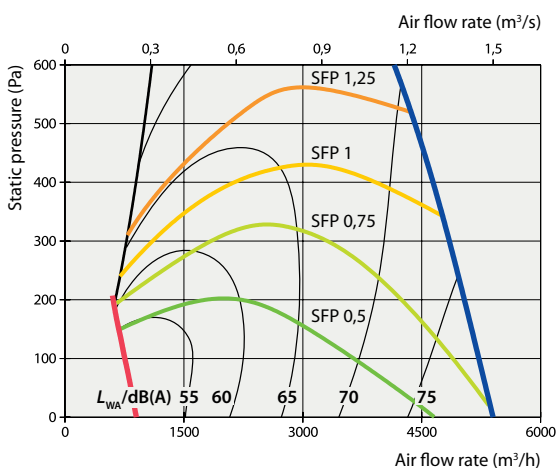
	63	125	250	500	1k	2k	4k	8k	dB(A)
REGO 4500 VE									
Supply Inlet	-13	-13	-15	-13	-16	-22	-27	-33	-12,1
Supply Outlet	-8	-2	0	0	-5	-12	-17	-21	0,0
Exhaust Inlet	-13	-13	-15	-13	-16	-22	-27	-32	-12,0
Exhaust Outlet	-8	-2	0	0	-5	-12	-17	-21	0,0
Surrounding (3pl., 3m)	-26	-22	-24	-32	-36	-43	-50	-55	-28,5

REGO 4500 HE									
Supply Inlet	-11	-8	-6	-6	-12	-19	-24	-30	-6,3
Supply Outlet	-8	-2	0	0	-5	-12	-17	-21	0,0
Exhaust Inlet	-11	-8	-6	-6	-12	-18	-24	-29	-6,2
Exhaust Outlet	-8	-2	0	0	-5	-12	-17	-21	0,0
Surrounding (3pl., 3m)	-26	-22	-24	-32	-36	-43	-50	-55	-28,5

REGO 4500 VW									
Supply Inlet	-14	-14	-16	-15	-18	-23	-29	-36	-13,5
Supply Outlet	-8	-2	0	0	-5	-12	-17	-21	0,0
Exhaust Inlet	-13	-13	-15	-13	-16	-22	-27	-32	-12,0
Exhaust Outlet	-8	-2	0	0	-5	-12	-17	-21	0,0
Surrounding (3pl., 3m)	-26	-22	-24	-32	-36	-43	-50	-55	-28,5

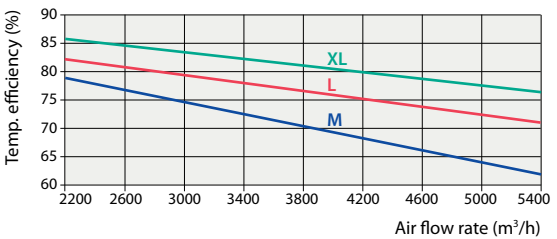
REGO 4500 HW									
Supply Inlet	-12	-8	-7	-8	-14	-20	-26	-33	-7,7
Supply Outlet	-8	-2	0	0	-5	-12	-17	-21	0,0
Exhaust Inlet	-11	-8	-6	-6	-12	-18	-24	-29	-6,2
Exhaust Outlet	-8	-2	0	0	-5	-12	-17	-21	0,0
Surrounding (3pl., 3m)	-26	-22	-24	-32	-36	-43	-50	-55	-28,5

Performance REGO 4500-EC

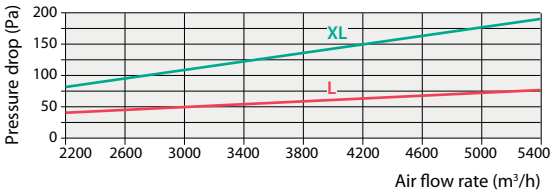


P[kW]= SFP[kW/(m³/s)] · V[m³/s]; SFP is shown for one fan. Performance data: filter M5, rotary heat exchanger – M. Correction factor for HW approximately 25 Pa at 4500 m³/h. Correction factor for F7 class filter approximately – 70 Pa.

Temperature efficiency



Pressure drop



M - option, L - standard, XL - option

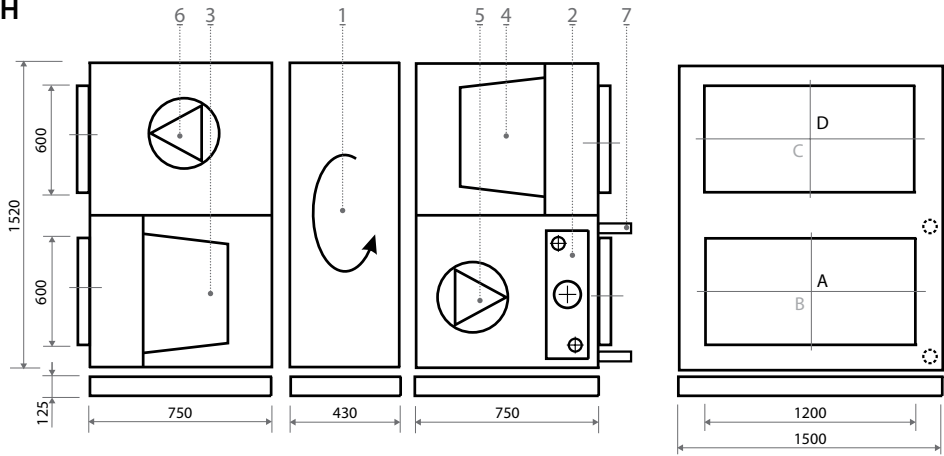
KOMPAKT REGO 7000

Panel thickness	45 mm
Unit weight	780 (270/230/280) kg
Nominal air flow	7000 m³/h
Supply voltage	3~ 400 V
Maximal operating current	9,9 A
Paint color	RAL 7035
Control system	KOMFOVENT C3



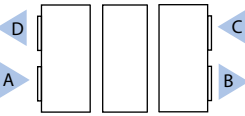
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REGO 7000H

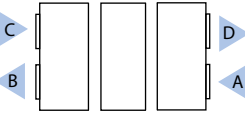


- Design**
- 1. Rotary heat exchanger
 - 2. Water air heater
 - 3. Supply air filter
 - 4. Exhaust air filter
 - 5. Supply fan
 - 6. Exhaust fan
 - 7. Fluid connection tube

Shown as right



Shown as left



A Outdoor intake B Supply air C Extract indoor D Exhaust air

Accessories



Air Filters. Supply / Exhaust

Filter class	EN779:2011 M5/F7*
Type	Bag filter
Dimensions bxxhxl	592x592-12x635 mm
Quantity	2 pcs.

Fans Motors EC

Input power	2730 W
Rotation speed	2040 rpm
Protection level, IEC 34-5	IP 54

* Option

Temperature efficiency

	Supply					Exhaust
Intake temperature, °C	-23	-15	-10	-5	0	20
Supply temperature, °C	9	10	11,3	12,6	14	

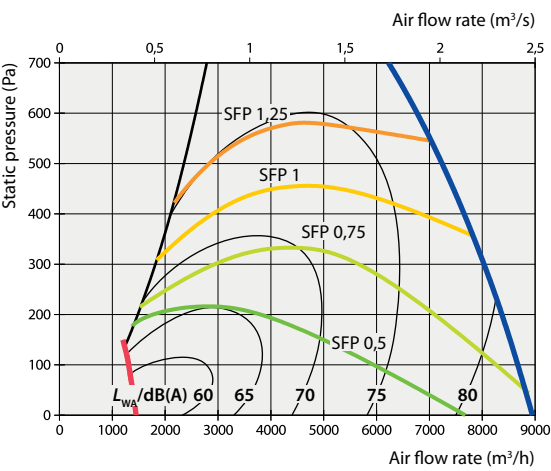
Air to water heat exchanger, HW

Water temperature in/out, °C	80/60
Capacity, kW	28,8
Flow rate, dm³/h	1269
Pressure drop, kPa	14,58
Connection, "	3/4
Temperature in-out, °C	9/21

Acoustic Data

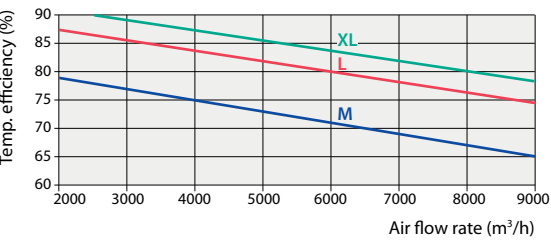
	63	125	250	500	1k	2k	4k	8k	dB(A)
REGO 7000 HW-EC									
Supply Inlet	-12	-8	-7	-8	-14	-20	-26	-33	-7,7
Supply Outlet	-8	-2	0	0	-5	-12	-17	-21	0,0
Exhaust Inlet	-11	-8	-6	-6	-12	-18	-24	-29	-6,2
Exhaust Outlet	-8	-2	0	0	-5	-12	-17	-21	0,0
Surrounding (3pl., 3m)	-26	-22	-24	-32	-36	-43	-50	-55	-28,5

Performance REGO 7000-EC

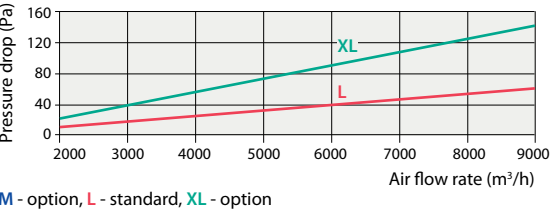


P[kW]= SFP[kW/(m³/s)] · V[m³/s]; SFP is shown for one fan. Performance data: filter M5, rotary heat exchanger – M. Correction factor for F7 class filter approximately – 70 Pa.

Temperature efficiency



Pressure drop



M - option, L - standard, XL - option