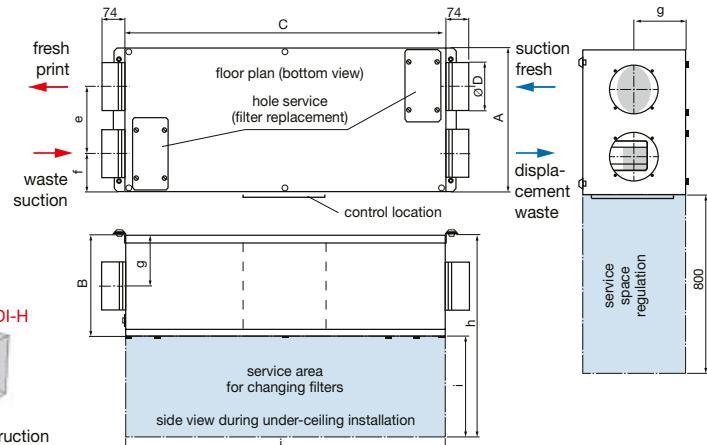
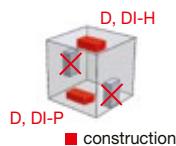


ROVENTO evo



RAL7016



Unit order code

ROVENTO 220 DI - H - L G4 / G4 evo
 1 2 3 4 5

1 – unit size: **220, 320, 520**

2 – variant resolution with or without heater:

D – without an additional heater in the supply part of the unit

DI – with an additional electric heater in the supply part of the unit

3 – installation position of the unit:

H – horizontal under the ceiling

P – horizontal on the floor

4 – side of the regulation location (see supplementary illustration):

L – left

P – right

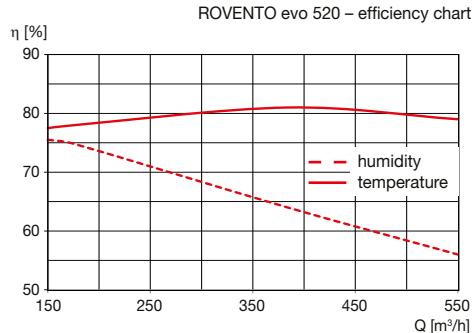
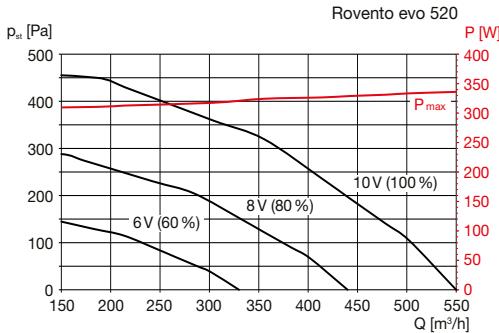
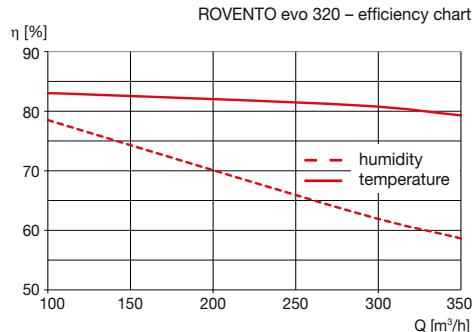
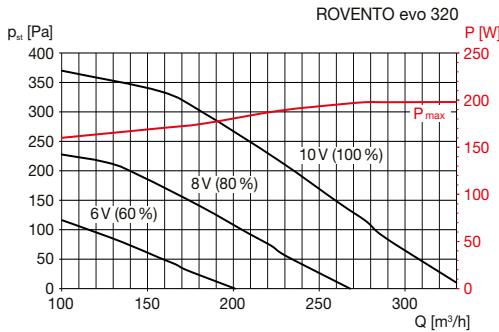
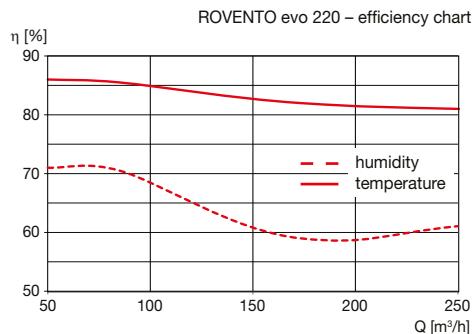
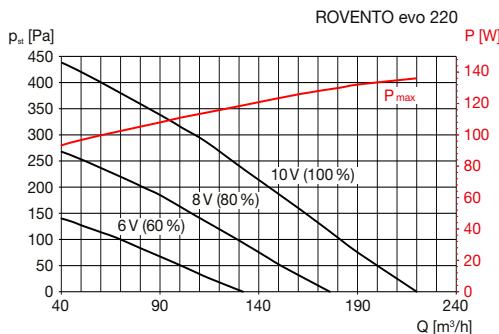
5 – type of inlet and outlet filter:

G4/G4 – inlet filter G4, outlet filter G4

M5/G4 – inlet filter M5, outlet filter G4

F7/G4 – input filter F7, output filter G4

G4UF2/G4 – inlet filter G4 with modification UF2, drain filter G4

Characteristics

Legend:

Q [m³/h] air flow, external

p_{st} [Pa] static pressure of the unit

P [W] maximum electrical input of fans (W)

η (%) recovery efficiency

Characteristics of the ROVENTO unit measured for the version of the unit with G4/G4 filters.

3 Ventilation unit with heat recovery

ROVENTO evo

ROVENTO 220 – acoustic power level in octave bands (dB(A))

U=10 V, n=3920 min⁻¹

f (Hz)	63	125	250	500	1000	2000	4000	8000	total
fresh (ODA)	36	46	57	57	53	51	45	36	61
supply (SUP)	42	52	64	66	66	69	63	50	73
L _{WA} towing (ETA)	36	46	57	57	53	51	45	36	61
waste (EHA)	42	52	64	66	66	69	63	50	73
plastic	37	49	59	54	45	41	34	18	61

U=8 V, n=3136 min⁻¹

f (Hz)	63	125	250	500	1000	2000	4000	8000	total
fresh (ODA)	31	41	52	52	48	46	40	31	57
supply (SUP)	37	47	59	61	61	64	58	45	68
L _{WA} towing (ETA)	31	41	52	52	48	46	40	31	57
waste (EHA)	37	47	59	61	61	64	58	45	68
plastic	32	44	54	49	40	36	29	13	56

U=6 V, n=2352 min⁻¹

f (Hz)	63	125	250	500	1000	2000	4000	8000	total
fresh (ODA)	25	35	46	46	42	40	34	25	50
supply (SUP)	31	41	53	55	55	58	52	39	62
L _{WA} towing (ETA)	25	35	46	46	42	40	34	25	50
waste (EHA)	31	41	53	55	55	58	52	39	62
plastic	26	38	48	43	34	30	23	7	50

Acoustic data were determined assuming laboratory conditions.
The tolerance of the given acoustic data is +/- 2dB.

ROVENTO 320 – hladina akustického výkonu v oktávových pásmech (dB(A))

U=10 V, n=3275 min⁻¹

f (Hz)	63	125	250	500	1000	2000	4000	8000	total
fresh (ODA)	28	38	49	59	58	57	54	40	64
supply (SUP)	37	44	58	66	73	76	70	59	79
L _{WA} towing (ETA)	28	38	49	59	58	57	54	40	64
waste (EHA)	37	44	58	66	73	76	70	59	79
plastic	32	41	53	54	52	48	41	27	58

U=8 V, n=2620 min⁻¹

f (Hz)	63	125	250	500	1000	2000	4000	8000	total
fresh (ODA)	23	33	44	54	53	52	49	35	59
supply (SUP)	32	39	53	61	68	71	65	54	74
L _{WA} towing (ETA)	23	33	44	54	53	52	49	35	59
waste (EHA)	32	39	53	61	68	71	65	54	74
plastic	27	36	48	49	47	43	36	22	54

U=6 V, n=1965 min⁻¹

f (Hz)	63	125	250	500	1000	2000	4000	8000	total
fresh (ODA)	17	27	38	48	47	46	43	29	52
supply (SUP)	26	33	47	55	62	65	59	48	68
L _{WA} towing (ETA)	17	27	38	48	47	46	43	29	52
waste (EHA)	26	33	47	55	62	65	59	48	68
plastic	21	30	42	43	41	37	30	16	47

Acoustic data were determined assuming laboratory conditions.
The tolerance of the given acoustic data is +/- 2dB.

ROVENTO 520 – hladina akustického výkonu v oktávových pásmech (dB(A))

U=10 V, n=2850 min⁻¹

f (Hz)	63	125	250	500	1000	2000	4000	8000	total
fresh (ODA)	33	46	57	59	56	51	45	37	63
supply (SUP)	43	56	68	72	72	68	63	57	77
L _{WA} towing (ETA)	33	46	57	59	56	51	45	37	63
waste (EHA)	43	56	68	72	72	68	63	57	77
plastic	38	53	63	60	51	40	34	25	65

U=8 V, n=2280 min⁻¹

f (Hz)	63	125	250	500	1000	2000	4000	8000	total
fresh (ODA)	28	41	52	55	51	46	41	32	58
supply (SUP)	38	51	63	68	67	63	59	52	72
L _{WA} towing (ETA)	28	41	52	55	51	46	41	32	58
waste (EHA)	38	51	63	68	67	63	59	52	72
plastic	33	48	58	56	46	35	30	20	60

U=6 V, n=1710 min⁻¹

f (Hz)	63	125	250	500	1000	2000	4000	8000	total
fresh (ODA)	22	34	46	48	45	40	34	26	52
supply (SUP)	32	44	57	61	61	57	52	46	66
L _{WA} towing (ETA)	22	34	46	48	45	40	34	26	52
waste (EHA)	32	44	57	61	61	57	52	46	66
plastic	27	41	52	49	40	29	23	14	54

Acoustic data were determined assuming laboratory conditions.
The tolerance of the given acoustic data is +/- 2dB.

Supplementary image

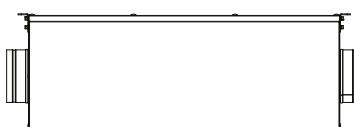
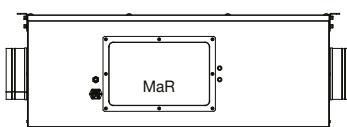
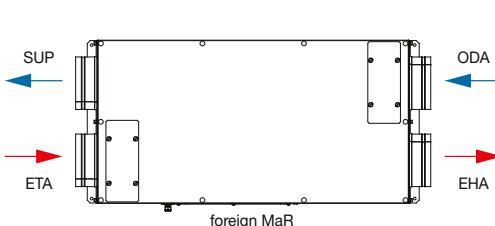
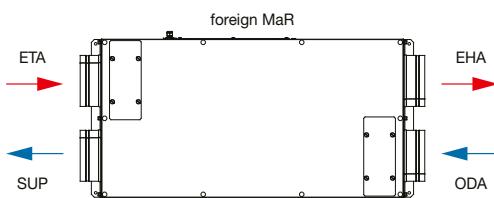
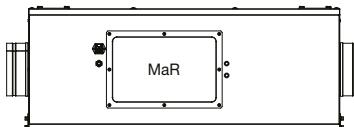
Control location

- ODA fresh air intake
 SUP displacement of fresh conditioned air
 ETA exhaust air intake
 EHA discharge of exhaust air into the outdoor environment

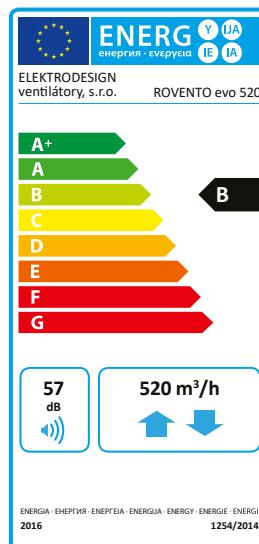
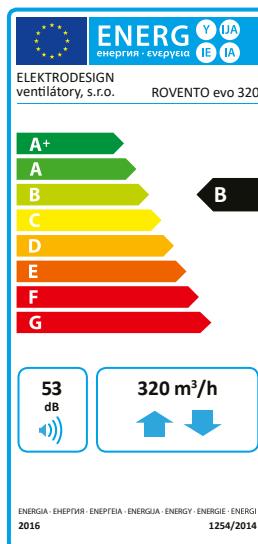
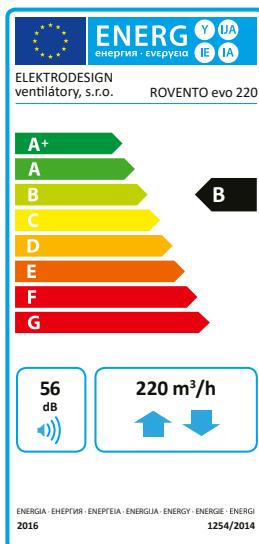
L – left mounting position



P – right mounting position



Unit energy labels



ROVENTO evo

Accessories



Digireg® CP-TFT touch controller



horizontal combined facade grids EDF-VXZ



vertical combined facade grids EDF-VXY

AIRSENS-CO₂
CO₂ sensorAIRSENS-VOC
air quality sensorAIRSENS-RH relative
humidity sensor**ED FLEX® System**