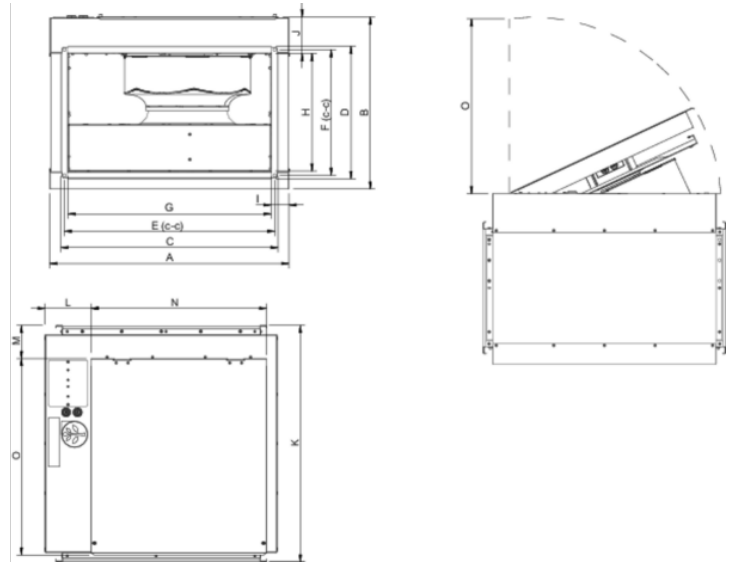




## Technical parameters

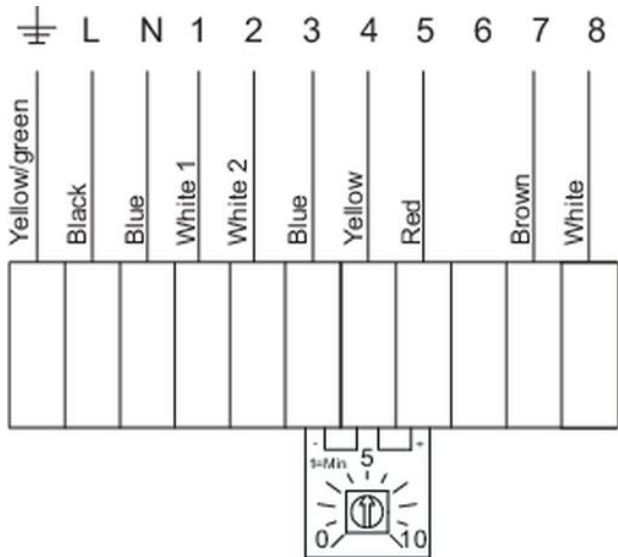
Nominal data	
Voltage (nominal)	230 V
Frequency	50 Hz
Phases	1~
Input power	524 W
Input current	2.29 A
Impeller speed	1,941 rpm
Air flow	max 4,388 m <sup>3</sup> /h
Temperature of transported air	max 60 °C
Max temperature of transported air, when speed controlled	60 °C
Sound data	
Sound pressure level at 3m (20m <sup>2</sup> Sabin)	52 dB(A)
Protection/Classification	
Enclosure class, motor	IP55
Insulation class	F
Data according to ErP	
ErP ready	ErP 2018
Dimensions and weights	
Duct dimension, inlet (height x width)	350 x 600 mm
Duct dimension, outlet (height x width)	350 x 600 mm
Weight	54.2 kg
Others	
Duct connection type	Rectangular
Motor type	EC

## Dimension



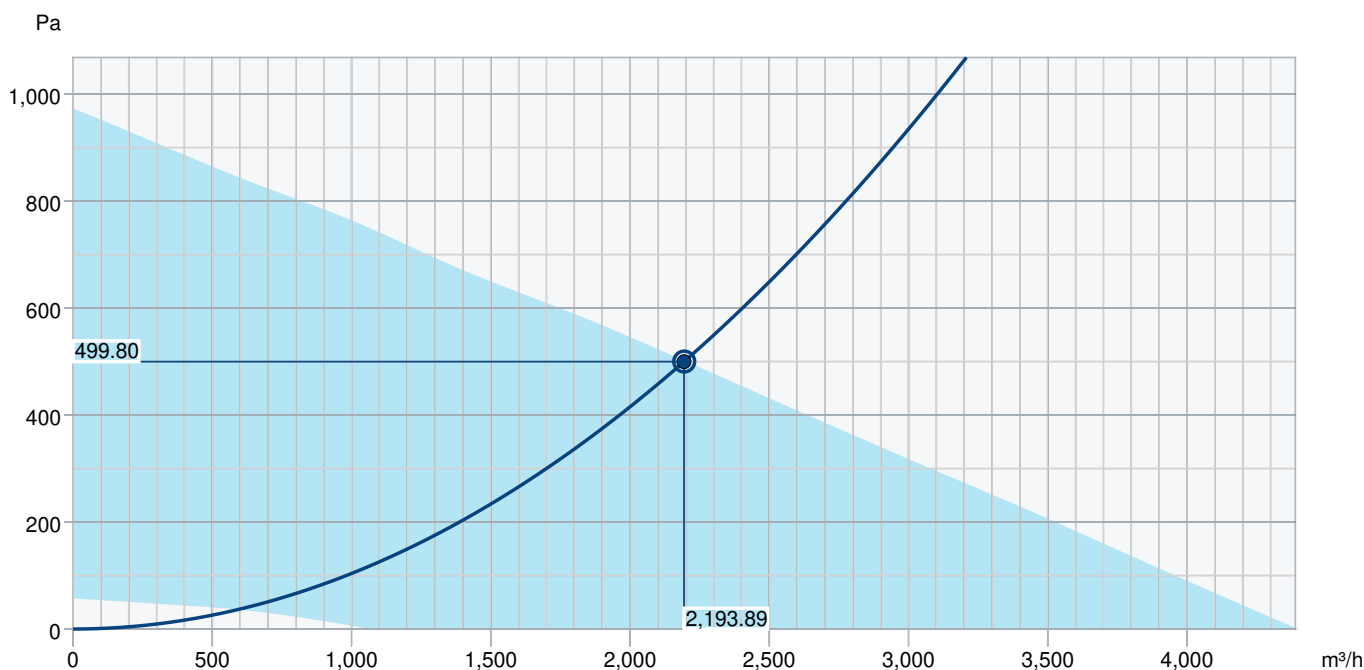
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
RSI 60-35	7	5	6	3	6	3	5	3		1	7	1	1	5	5
EC	0	0	4	9	2	7	9	4	5	0	1	4	0	3	9
	5	8	1	1	0	0	8	8	8	8	7	0	0	2	7

## Wiring



Terminal	Cable	Description
1	White 1	Alarm NC
2	White 2	Alarm COM
3	Blue	GND
4	Yellow	Control input 0-10VDC
5	Red	Output 10VDC max 10 mA
6		
7	Brown	Interface for Modbus, RSB
8	White	Interface for Modbus, RSA

## Performance curve



Hydraulic data	
Required air flow	2,195 m³/h
Required static pressure	500 Pa
Working air flow	2,194 m³/h
Working static pressure	500 Pa
Air density	1.204 kg/m³
Power	517.6 W
Fan control - RPM	1,848 rpm
Current	2.30 A
SFP	0.849 kW/m³/s
Control voltage	10.0 V
Supply voltage	230 V

Sound power level		63	125	250	500	1k	2k	4k	8k	Total
Inlet	dB(A)	51	64	64	62	56	56	53	51	69
Outlet	dB(A)	57	69	74	74	74	68	61	57	80
Surrounding	dB(A)	28	49	56	49	47	48	47	46	59
Sound pressure level at 3m (20m² Sabine)	dB(A)	-	-	-	-	-	-	-	-	52
Sound pressure level at 3m free field	dB(A)	-	-	-	-	-	-	-	-	38

## Accessories

EC-Basic-CO2 and temperature (24808)

EC-Basic-T temperature (24805)

EC-Vent control board (3115)

GFL 60-35 Counter flange (2709)

MTV-1/010 Controller 0..10V+ (30650)

REV-5POL/05-7.5kW R/Y (33979)

CO2RT-R-D Transmitter (6993)

HR1 Room Humidistat (215150)

RT 0-30 Room Thermostat (5151)

T 120 Timer (5165)

DXRE 60-35-3-2,5 Duct cooler (7956)

LDR 60-35 Silencer (5073)

RB 60-35/27-2 400V/3 Duct heat (9643)

RBM 60-35/27 400V/3 Duct heater (5454)

VBR 60-35-4 Water heating batt (5475)

TUNE-S-600x350-M0 (420997)

TUNE-S-600x350-M5 (421002)

EC-Basic-H humidity (24807)

EC-Basic-U universal 0-10V (24806)

EC-Vent Room Unit (3018)

MTP 10, 10K, Speed control (32731)

Potentiometer MTP 20, 0-10V (310220)

Step switch S-5EC-2, 0-10V (449084)

DTV500A (96807)

Presence detector/IR24-P (6995)

Safety switch 2-pole grey (210679)

DS 60-35 Flexible connection (1549)

FFK 60-35 Filter cassette rect (1761)

PGK 60-35-3-2,0 Duct cooler (6612)

RB 60-35/45-3 400V/3 Duct heat (9644)

VBR 60-35-2 Water heating batt (5467)

Room hygostat HR-S (286251)

TUNE-S-600x350-M4 (421001)

## Documents

INSTALLATION\_OPERATION\_AND\_MAINTENANCE\_INSTRUCTION\_KE\_KT\_RS\_RSI\_EN\_002.PDF

MODBUS LITE V5.01 parameter specification.pdf

COMMISSIONING\_RECORD\_FANS\_EN.PDF