

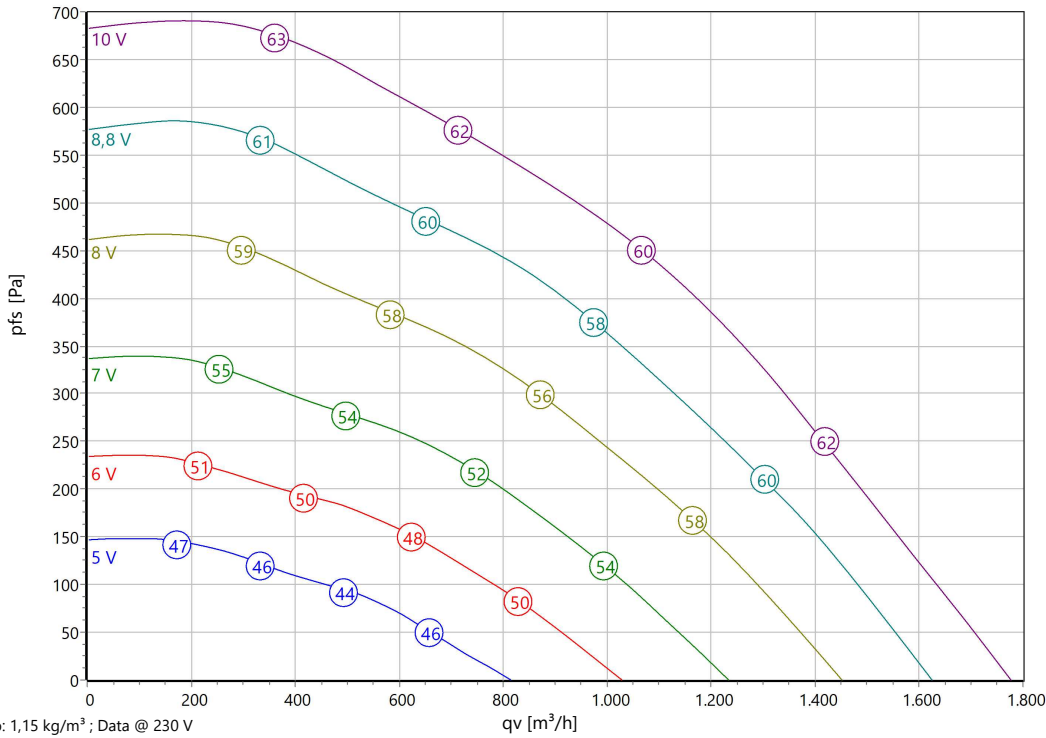


Type: **Z 315 G.4EA E2**

Part no.: F05-31521



Curve:



p: 1,15 kg/m³ ; Data @ 230 V

ErP-Data:

	(EU) Nr. 1253/2014	(Lot6)
qV	1029	m³/h
pfs	467	Pa
ηfs	46	%
Ped	0,3	kW
n	2550	r/min
N	54	
v	3,67	m/s
ηfs Lot11	61,1	%

Nominal Data:

U [V]	f [Hz]	Data @ [V]	Ped [kW]	IN [A]	nN [r/min]	tR [°C]	k10 [m²s/h]	Eff.-Rating	IP	m [kg]
1~200-277	50/60	230	0,3	1,33	2550	-25 .. +50	-	IE4	IP 44	35

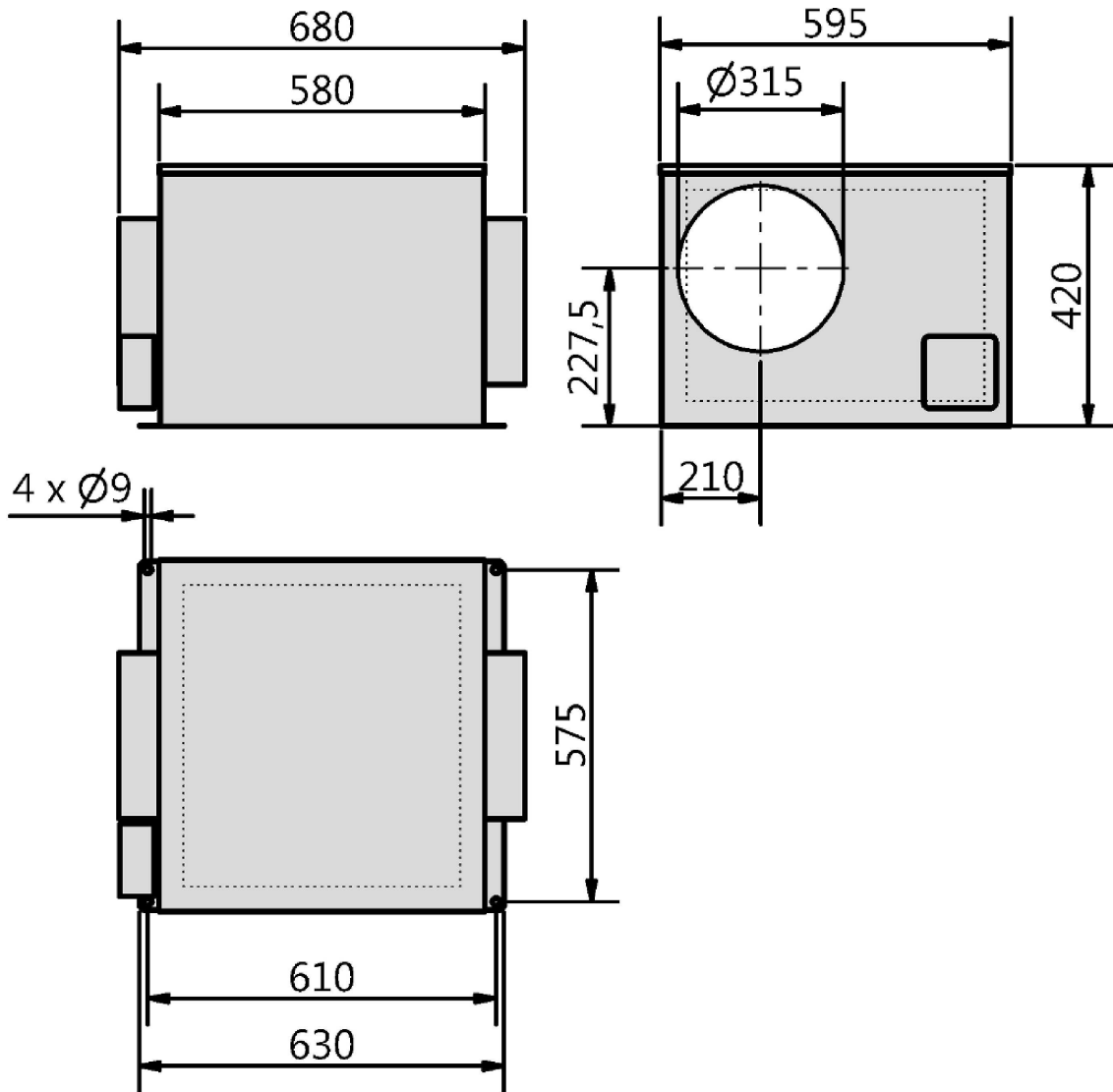
Sound Data:

Frequency	Σ	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Distances	1 m	5 m
LwA(D,in) [dB(A)]		-9	-8	-6	-5	-11	-16	-24	LpA(D,in) [dB(A)]	-7	-18
LwA(D,out) [dB(A)]	20	-4	6	17	14	12	6	-3	LpA(D,out) [dB(A)]	13	1
LwA(D,cas) [dB(A)]	-4	-11	-9	-10	-13	-19	-24	-30	LpA(D,cas) [dB(A)]	-11	-22



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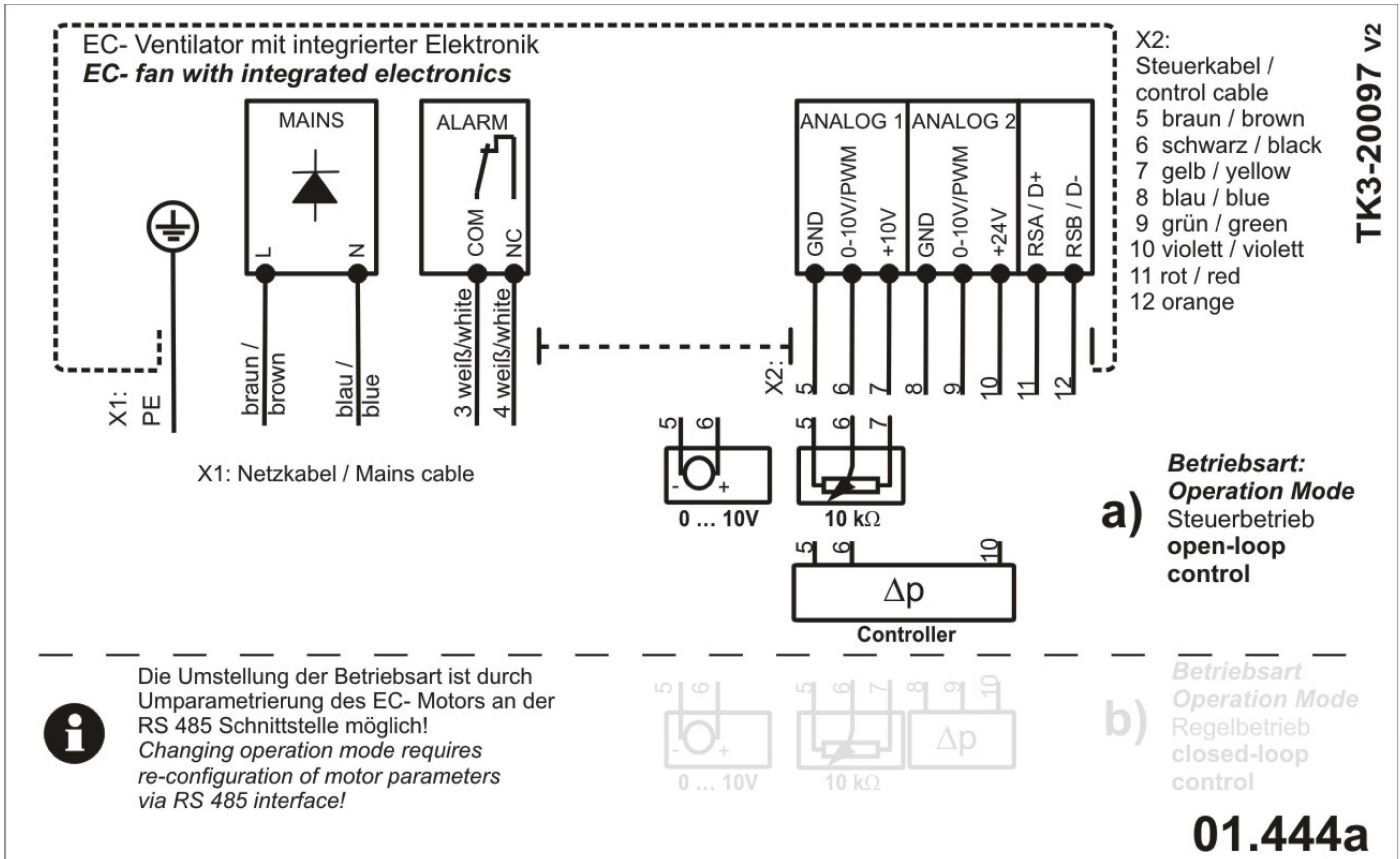
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Zerobox "Evolution"

Tube fans with sound-insulated housing

The flat casing made of galvanized sheet steel as sound absorbing construction. The inlayed 40mm thick rockwool plates have a sound attenuating effect. The covering lid can easily be unscrewed to gain access for cleaning and maintenance. The motor is removable together with the impeller and spiral scroll. Inlet and outlet side with duct connection for standard round ducts. Mounting either with horizontal or vertical motor shaft. Impeller made of aluminum (AlMg3) with backward curved blades. Energy saving EC external-rotor motor exceeds IE4 / Super Premium Efficiency. Maintenance free ball bearings, closed on both sides with long-term lubrication. Magnets without rare earth elements. Motor coated black and/or die casted aluminum. Protection Class IP54. 1-phase types with cable for supply and controlling and integrated active PFC (Power Factor Correction). 3-phase types with integrated terminal box and environmental resistant cable glands (3x M20x1,5). 100% speed controllable with integrated Motor Protection. ModBus RTU Interface integrated. Busconfiguration possible on site by customer. Soft Start. Potential-free Alarm Contact and integrated 24V Supply for Accessories. Applicable in all common energy grids. Low noise commutation. Motorized Impeller statically and dynamically balanced according to DIN ISO 21940-11 at least with quality level G6.3. The electrical connection is mounted on the housing by a terminal box. Air volume control is possible over an 0-10V Signal (accessory).

Fan complies with the guidelines required (Machinery-, EMC- and Low Voltage Directive) to comply with installation and conformity declaration as well as CE marking.

Nominal Data:

Voltage

1~200-277 V

Frequency

50/60 Hz

Input power

0,3 kW

Current

1,33 A

Speed

2550 r/min

Medium temperature

50 °C

Protection Mode

IP 44

Efficiency Class

IE4

Weight

35 kg

Dimensions

680 mm / 595 mm / 420 mm

Contact:

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www.rosenberg.nl

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Z 315 G.4EA E2

Article-No.:

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