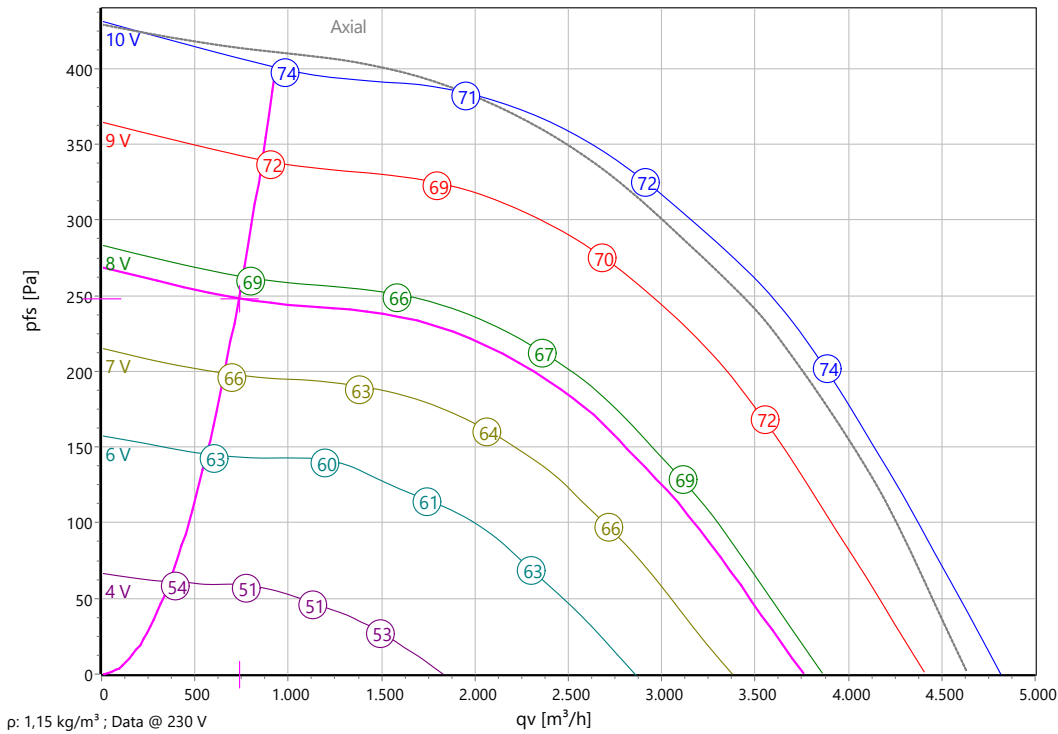




Type: **UNOR 67-400-G.4FF**
Open-loop control, 0-10 Volt
Part no.: F15-40008



Curve:



p: 1,15 kg/m³ ; Data @ 230 V

ErP-Data:

(EU) Nr. 1253/2014	(Lot6)
q _v	3242 m³/h
p _{fs}	291 Pa
η _{fs}	56,8 %
P _{ed}	0,46 kW
n	1400 r/min
N	62
v	1,29 m/s
η _{fs} Lot11	58,5 %

Operating Point:

q _v	735 m³/h
p _{fs}	248 Pa
p _{fd}	1 Pa
η _{ed,fs}	36 %
η _{ed,tot}	36 %
P _{ed}	0,142 kW
I	0,64 A
n	1100 r/min
L _{WA A,OUT}	68 dB(A)
U _c	7,8 V
v	0,293 m/s
SFP	699 Ws/m³
FEI	2,1
t _{R,OP}	60 °C

Intersections:

Curve	q _v [m³/h]	p _{fs} [Pa]	P _{ed} [kW]	I [A]	n _N [r/min]	L _{WA A,OUT} [dB(A)]
10 V	934,2	401	0,283	1,26	1396	74
9 V	860	340	0,221	0,99	1284	72
8 V	756	263	0,153	0,68	1131	69
7 V	657,5	199	0,104	0,46	985	66
6 V	562,5	146	0,069	0,31	844	63
4 V	365,1	62	0,024	0,1	548	53

Nominal Data:

U [V]	f [Hz]	Data @ [V]	P _{ed} [kW]	I _N [A]	n _N [r/min]	t _R [°C]	k ₁₀ [m²/s/h]	Eff.-Rating	IP	m [kg]
1~200-277	50/60	230	0,46	2,06	1400	-25 .. +40	149	IE4	IP 54	42,5

Sound Data:

Frequency	Σ	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	Distances	1 m	4 m
L _{WA(A,in)} [dB(A)]	64	40	49	58	59	57	56	49	43	L _{pA(A,in)} [dB(A)]	57	46
L _{WA(A,out)} [dB(A)]	68	37	59	61	62	62	59	54	47	L _{pA(A,out)} [dB(A)]	61	50
L _{WA(D,cas)} [dB(A)]	46	34	43	41	34	33	25	21	17	L _{pA(D,cas)} [dB(A)]	39	28

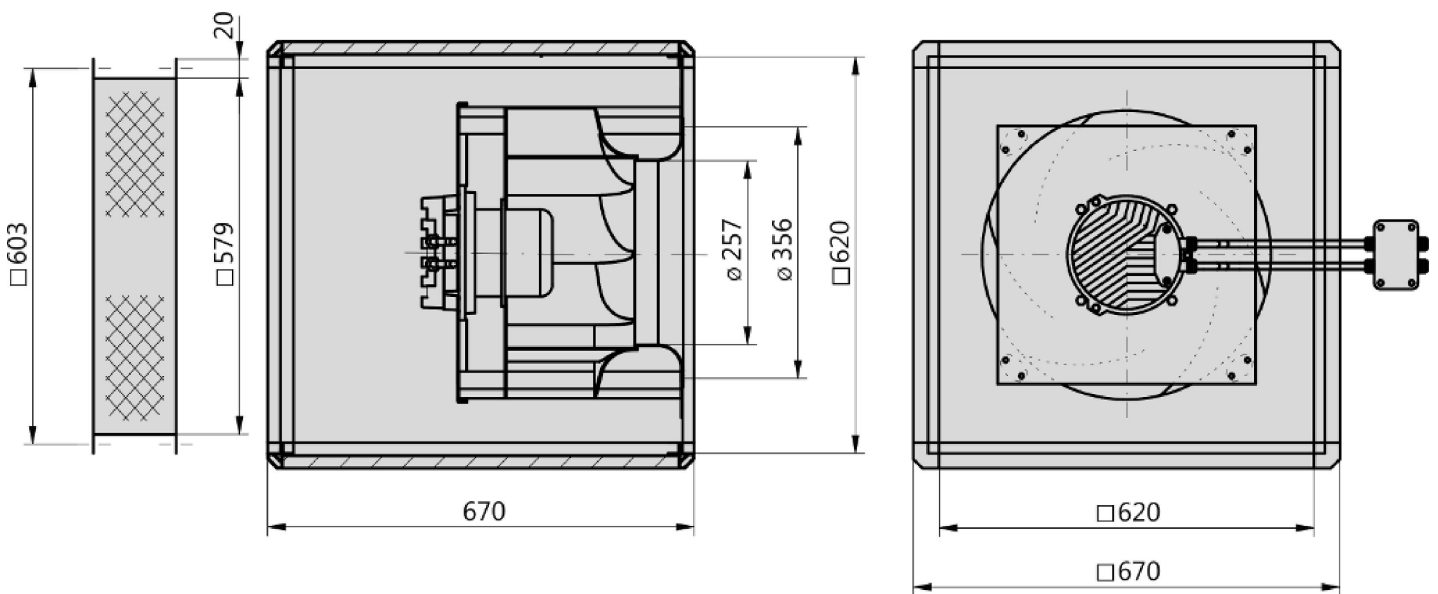
performance curve at radial air flow



Type: **UNOR 67-400-G.4FF**

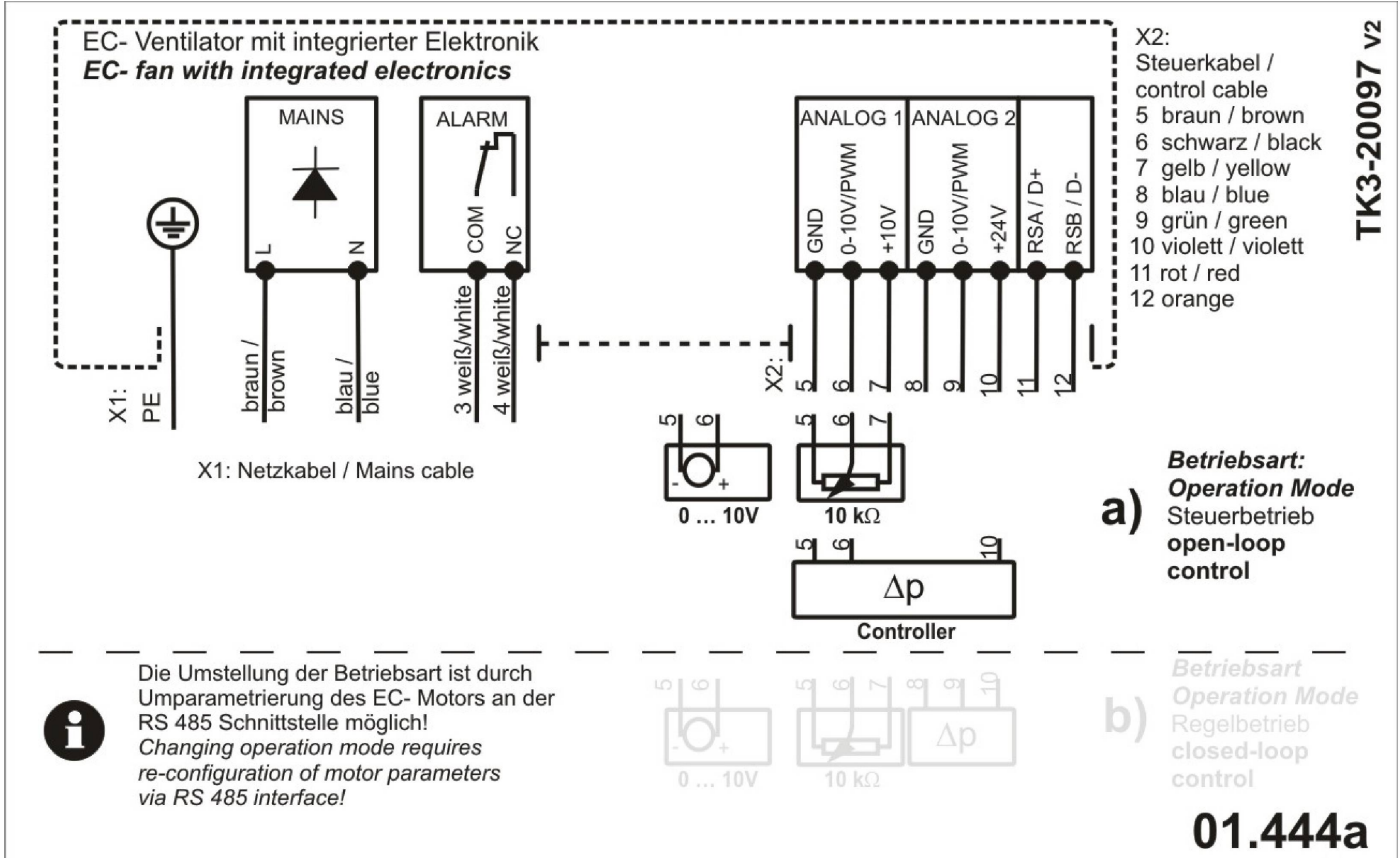
Open-loop control, 0-10 Volt

Part no.: F15-40008





Type: **UNOR 67-400-G.4FF**
 Open-loop control, 0-10 Volt
 Part no.: F15-40008



Unobox

Boxfan with flexible outlet

The housing supporting frames are double chamber aluminium profiles with corners made of plastic and double skinned galvanized steel panels insulated with non-inflammable, noise and temperature insulating fiberglass mats. One side of the casing is open as standard. Wall thickness 20mm, $K=1,25 \text{ W/m}^2\text{K}$. As standard, the casing is open opposite to the inlet side. The removable side panels ensure highest possible flexibility of the air flow direction at the installation site. Impeller of the E-series (Revolution) made of black, UV-stabilized and long glass fibre reinforced Polypropylene (PP) with 7 backward curved, profiled blades and narrow efficiency optimized circumferential diffusor. Sound and weight optimized. Corrosion resistant and compact design. Air Flow orientated behaviour. 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 and insulation class F. 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 by a terminal box (loose). 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.

Operating Point Data:

Airflow
735 m³/h
ext. Pressure
248 Pa
Input power
0,142 kW
Current
0,64 A
Speed
1100 r/min
Sound power level
68 Lw(A)
Medium temperature
60 °C

Nominal Data:

Voltage
1~200-277 V
Frequency
50/60 Hz
Input power
0,46 kW
Current
2,06 A
Speed
1400 r/min
Medium temperature

40 °C
Protection Mode
IP 54
Efficiency Class
IE4
K-Factor
149
Weight
42,5 kg
Dimensions
670 mm / 670 mm / 670 mm

Contact:

Rosenberg Ventilatoren BV
Elandlaan 8
NL - 3734 CP Den Dolder
<http://www.rosenberg.nl>

Type:

UNOR 67-400-G.4FF

Article-No.:

F15-40008