

Fiche produit Motralec Ziehl Abegg Fe2Owlet Ecblue FN063 - fiche technique | Motralec

■ **DEMANDE DE PRIX RAPIDE** : <https://www.motralec.com/demandeContact>

High pressure fans Agriculture  
www.motralec.com / service-commercial@motralec.com / 01.39.97.65.10

# FE2owlet-ECblue

for three phase alternating current, 380-480 V

FN063



### Description

Motor technology: EC  
 Rated voltage  $U_N$ : 3~ 380-480 V\*  
 Rated frequency  $f_N$ : 50/60 Hz\*  
 Input power  $P_{sys}$ : 3.60 kW\*  
 Rated current  $I_N$ : 5.80- 4.60 A\*  
 Rated speed  $n_N$ : 1600 min<sup>-1</sup>\*  
 Thermal class: THCL155\*  
 Min. permitted ambient temperature  $t_{R(min)}$ : -35 °C\*\*\*  
 Max. permitted ambient temperature  $t_{R(max)}$ : 55 °C  
 Electrical connection: Integrated controller  
 Number of blades: 7  
 Degree of protection : IP55  
 Motor protection: Integrated active temperature management  
 Blades: Aluminium, powder-coated, ultramarine blue  
 Rotor: Aluminium, 2 coat paint, ultramarine blue  
 Conformity: ErP 2015, CE, UL

### ErP-data

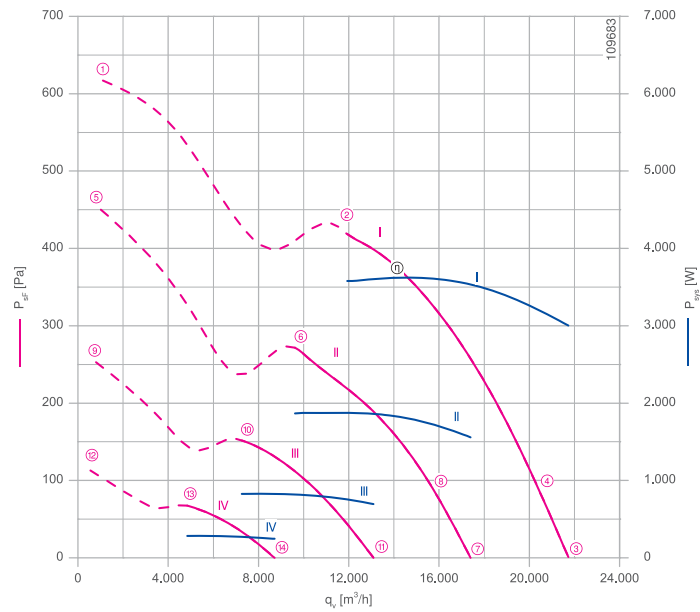
Efficiency  $\eta_{statA}$ : 43.0 %  
 Efficiency:  $N_{actual} = 45.8 / N_{target} = 40$ \*\*  
 EC controller integrated

\* Rated data

\*\*ErP 2015

\*\*\* Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -35 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

### Characteristic curve



Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

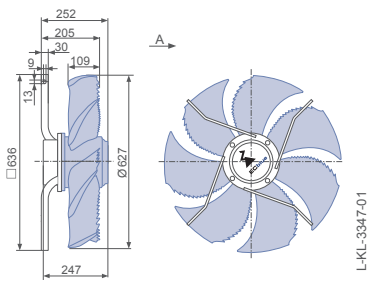
Connection diagram Page 172  
1360-403

System components Page 110

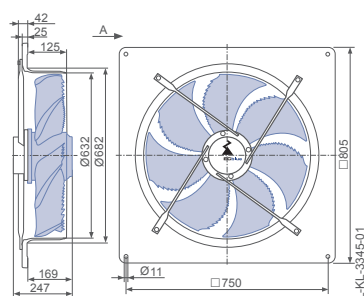
### Dimensions mm

#### Airflow direction A

Design T - for installation in chimney exhausts, without guard grille

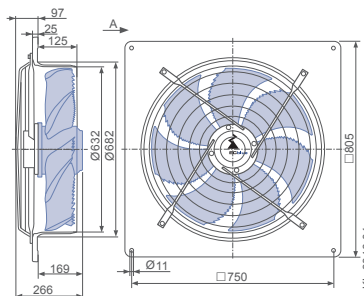


Design Q - square full bell mouth, without guard grille



Wall ring plate made of composite material

Design Q - square full bell mouth, guard grille suction side



Wall ring plate made of composite material

Type	Characteristic curve	Speed n min <sup>-1</sup>	Operating point	Current	Input power	Acoustic pressure level 7m	Specific power
				I A	P <sub>sys</sub> W	L <sub>pA</sub> dB(A)	P <sub>spez</sub> Wh/1000m <sup>3</sup>
FN063-ZI_GL_7P3	I	1600	①	5.80	3800		
			②	5.40	3600		300.3
			③	4.60	3000	62	138.1
			④	5.00	3200	61	159.2
	II	1280	⑤	3.60	2300		
			⑥	2.90	1850		194.6
			⑦	2.40	1550	57	89.6
			⑧	2.70	1750	55	112.0
	III	960	⑨	1.65	1000		
			⑩	1.40	820		114.9
			⑪	1.20	700	50	53.1
			⑫	0.74	340		
	IV	640	⑬	0.64	280		59.2
			⑭	0.58	250	42	28.2

Current values determined at 400V


## Fan ordering information

**Airflow direction A** →


Design	T (without guard grille)	Q (without guard grille)	Q (guard grille suction side)	Q (without guard grille)	Q (guard grille suction side)
<b>Type</b>	FN063-ZIT.GL.A7P3	FN063-ZIQ.GL.A7P3	FN063-ZIQ.GL.A7P3	FN063-ZIQ.GL.A7P3	FN063-ZIQ.GL.A7P3
<b>Article no.</b>	168000	168003	168004	168001	168002
Wall ring plate	Wall ring plate made of composite material		Wall ring plate made of composite material	Wall ring plate made of galvanized sheet steel	Wall ring plate made of galvanized sheet steel
Weight kg	31.60	36.40	38.80	41.90	44.20
Supply temperature	-10 °C - max 40 °C in design with wall ring plate made of composite material				

## Control technology

Control module UNIcon Zenec switch

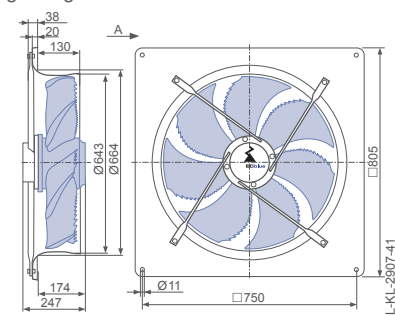


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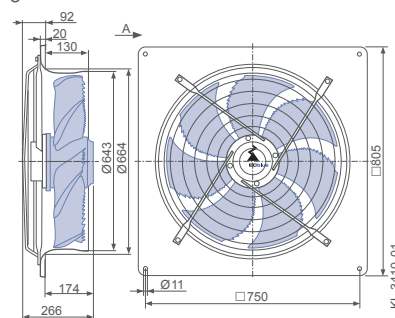
Design Q - square full bell mouth, without guard grille



Wall ring plate made of galvanized sheet steel

[www.ziehl-abegg.com](http://www.ziehl-abegg.com)

Design Q - square full bell mouth, guard grille suction side



Wall ring plate made of galvanized sheet steel

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## Besoin d'un prix ou d'un conseil technique ?

Ventilateur Ziehl Abegg FE2OWLET ECBLUE FN063



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