

Fiche produit Motralec Ziehl Abegg Fe2Owlet Ecblue FN045 - fiche technique | Motralec

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

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

FE2owlet-ECblue

for single phase alternating current, 200-277 V

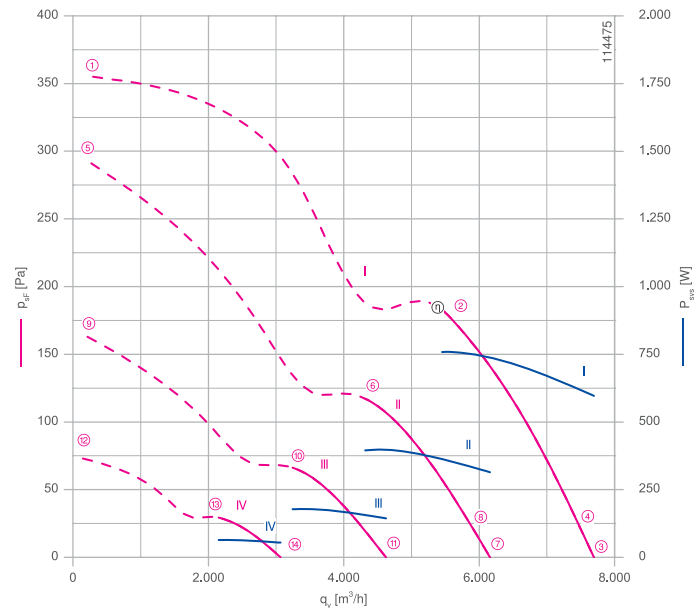
FN045



Description

Motor technology: EC
 Rated voltage U_N : 1~ 200-277 V*
 Rated frequency f_N : 50/60 Hz*
 Input power P_{sys} : 0.76 kW*
 Rated current I_N : 3.90- 3.30 A*
 Rated speed n_N : 1650 min⁻¹*
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: -35 °C ***
 Max. permitted ambient temperature $t_{R(max)}$: 60 °C
 Electrical connection: Integrated controller with attached cable
 Number of blades: 5
 Degree of protection : IP55
 Motor protection: Integrated active temperature management
 Blades: High Performance Composite Material, uncoated, black
 Rotor: Aluminium, 1 coat paint, ultramarine blue
 Conformity: ErP 2015, CE, UL
ErP-data
 Efficiency η_{statA} : 41.2 %
 Efficiency: $N_{actual} = 48.3 / N_{target} = 40$ **
 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.

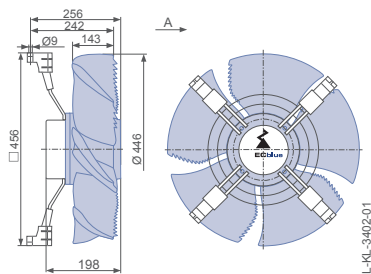
Connection diagram Page 173
 0-10 V 1360-389
 10-0 V

System components Page 110

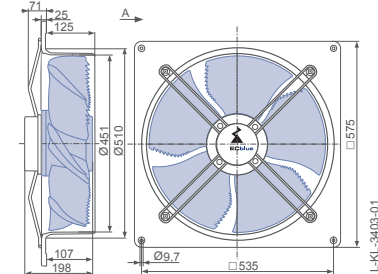
Dimensions mm

Airflow direction A

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

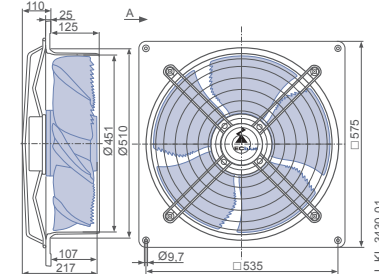


Design Q - square full bell mouth, without guard grille



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 ⁻¹	Operating point	Current	Input power	Acoustic pressure level 7m	Specific power
				I A	P _{sys} W	L _{pA} dB(A)	P _{spez} Wh/1000m ³
FN045-ZI_DC_5P4	I	1650	①	3.50	780		
			②	3.40	760		
			③	2.70	600	51	140.2
			④	2.90	620	51	77.5
	II	1320	⑤	2.60	580		84.9
			⑥	1.85	390		91.7
			⑦	1.50	310	45	51.1
			⑧	1.60	340	45	58.5
	III	990	⑨	1.20	250		
			⑩	0.84	180		54.9
			⑪	0.68	140	38	31.2
			⑫	0.44	85		
	IV	660	⑬	0.37	65		29.8
			⑭	0.33	55	28	17.7

Current values determined at 230V

Fan ordering information

Airflow direction A			
Design	T (without guard grille)	Q (without guard grille)	Q (guard grille suction side)
			
Type	FN045-ZIT.DC.A5P4	FN045-ZIQ.DC.A5P4	FN045-ZIQ.DC.A5P4
0-10 V	Article no. 168981	168982	168983
10-0 V	Article no. 169692	169693	169694
Wall ring plate		Wall ring plate made of composite material	Wall ring plate made of composite material
Weight kg	9.90	13.40	14.90
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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Besoin d'un prix ou d'un conseil technique ?

Ventilateur Ziehl Abegg FE2OWLET ECBLUE FN045



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DEMANDER UN PRIX >