

Fiche produit Motralec Ziehl Abegg Ffowlet Ecblue With Zaplus ZF091 - fiche technique | Motralec

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

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FFowlet-ECblue with ZAPlus

for single phase alternating current, 200-277 V

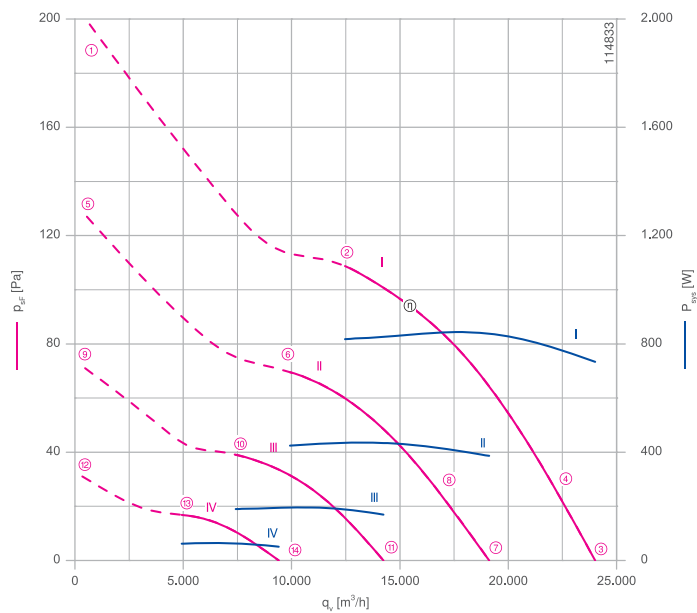
ZF091



Description

Motor technology: EC
 Rated voltage U_N : 1~200-277 V*
 Rated frequency f_N : 50/60 Hz*
 Input power P_{sys} : 0.86 kW*
 Rated current I_N : 4.20- 3.10 A*
 Rated speed n_N : 910 min⁻¹**
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: -35 °C ***
 Max. permitted ambient temperature $t_{R(max)}$: 40 °C
 Electrical connection: Terminal box
 Number of blades: 3
 Degree of protection : IP55
 Motor protection: Integrated active temperature management
 Blades: Aluminium, powder-coated, ultramarine blue
 Rotor: Aluminium, 1 coat paint, ultramarine blue
 Conformity: ErP 2015, CE, UL
ErP-data
 Efficiency η_{stata} : 54.5 %
 Efficiency: $N_{actual} = 61.3 / N_{target} = 40$ **
 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 ZAPlus without guard grille in installation type A according to ISO 5801.

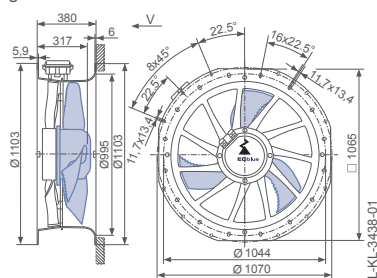
Connection diagram Page 173
 0-10 V 1360-389
 Airflow direction V

System components Page 110

Dimensions mm



Design L - ZAPlus Ontop without guard grille



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
ZF091-ZI_DG_3P1	I	910	①	4.80	1100		
			②	3.60	820		66.0
			③	3.20	740	55	30.6
			④	3.50	800	54	36.3
	II	730	⑤	2.40	560		
			⑥	1.90	420		42.9
			⑦	1.75	390	49	20.2
			⑧	1.90	420	49	25.9
	III	550	⑨	1.10	240		
			⑩	0.88	190		25.6
			⑪	0.78	170	42	11.9
			⑫	0.40	80		
	IV	360	⑬	0.54	60		12.8
			⑭	0.48	50	32	5.4

Current values determined at 230V

Fan ordering information

Airflow direction V

Design L (without guard grille)
Ontop





Type ZF091-ZIL.DG.V3P1
Article no. 169861

Weight kg 28.30

Control technology

Control module UNIcon Zenec switch

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- Information
- Low pressure
- High pressure
- System components
- Control technology
- Appendix

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

Ventilateur Ziehl Abegg FFWLET ECBLUE WITH ZAPLUS ZF091



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