

FFowlet-ECblue

for single phase alternating current, 200-277 V

FF 0 6 3



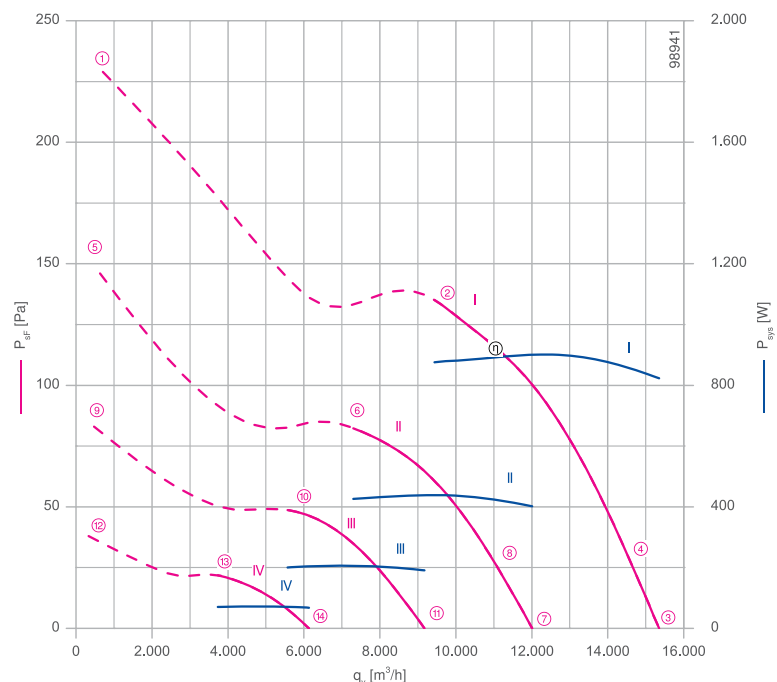
Description

Motor technology: EC
Rated voltage U_N : 1~ 200-277 V*
Rated frequency f_N : 50/60 Hz*
Input power P_{sys} : 0.92 kW*
Rated current I_N : 4.60- 3.30 A*
Rated speed n_N : 1200 min⁻¹*
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 with attached cable
Number of blades: 5
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} : 46.1 %
Efficiency: $N_{actual} = 52.7 / N_{target} = 40^{**}$
EC controller integrated
* Rated data
**ErP 2015

Characteristic curve



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

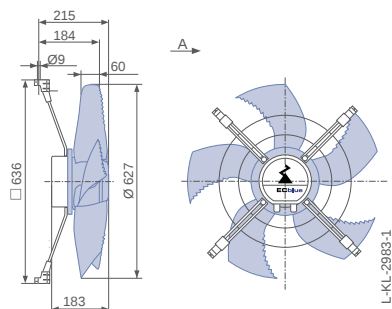
Connection diagram Page 173
0-10 V 1360-389
10-0 V

System components Page 110

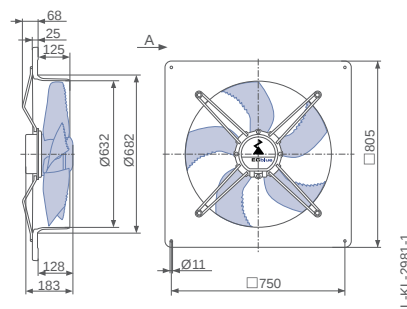
Dimensions mm

Airflow direction A

Design T - for installation in chimney ex-hausts, without guard grille

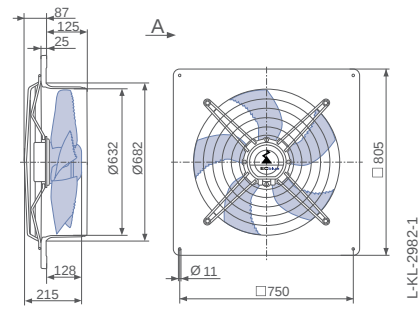


Design Q - square full bell mouth, without guard grille



Wall ring plate made of composite material

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



Wall ring plate made of composite material



Performance data

Type	Characteristic curve	Speed	Operating point	Current	Input power	Acoustic pressure level 7m	Specific power
		n min ⁻¹		I A	P _{sys} W	L _{pA} dB(A)	P _{spez} Wh/1000m³
FF063-ZI_DG_5P1	I	1200	①	4.60	1050		
			②	3.90	880		93.7
			③	3.70	820	51	53.6
			④	3.80	860	50	59.2
	II	940	⑤	2.40	540		
			⑥	1.95	420		58.5
			⑦	1.85	400	45	33.5
			⑧	2.00	420	45	39.2
	III	720	⑨	1.15	240		
			⑩	0.96	200		36.0
			⑪	0.90	190	40	20.8
			⑫	0.44	85		
	IV	480	⑬	0.40	70		18.9
			⑭	0.40	70	31	11.1

Current values determined at 230V

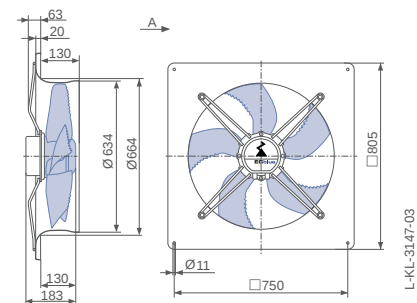
Fan ordering information

Airflow direction A					
Design	T (without guard grille)	Q (without guard grille)	Q (guard grille suction side)	Q (without guard grille)	Q (guard grille suction side)
					
Type	FF063-ZIT.DG.A5P1	FF063-ZIQ.DG.A5P1	FF063-ZIQ.DG.A5P1	FF063-ZIQ.DG.A5P1	FF063-ZIQ.DG.A5P1
0-10 V					
Article no.	159948	159946	159947	166936	166938
10-0 V					
Article no.	159953	159951	159952	166937	166939
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 ring plate made of galvanized sheet steel
Weight kg	13.00	19.10	21.30	24.00	26.20
Supply temperature -10 °C - max 40 °C in design with wall ring plate made of composite material					

Control technology

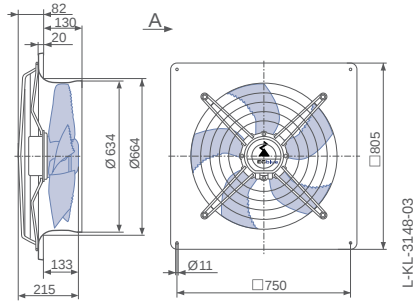
Control module UNIcon Zenec switch	
	
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Design Q - square full bell mouth, without guard grille



Wall ring plate made of galvanized sheet steel

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



Wall ring plate made of galvanized sheet steel