Article number: P4D45FAM11100FD

Tube mounting fans - ECplus

Multifan ECplus

Technical data

Voltage	U	200-230	V
Phase		1	~
Frequency	f	50/60	Hz
Speed	n	1455	RPM
Power consumption	P_e	330	W
Nominal current	I_{nom}	3.3	A
Maximum current	I_{max}	3.8	A
Cos ϕ		0.44	
Capacitor		-	µF/V
Ambient temperature	$T_{amb\ min/max}$	-25...40	°C
Insulation Class		CL.F	
IP Class		IP55	
Sound pressure level (2 m)	$L_{p\ (meas.)}$	67	dB(A)
Sound pressure level (7 m)	$L_{p\ (calc.)}$	56	dB(A)
Weight		9.9	kg
Packing dimensions		510x510x315	mm

Fan details

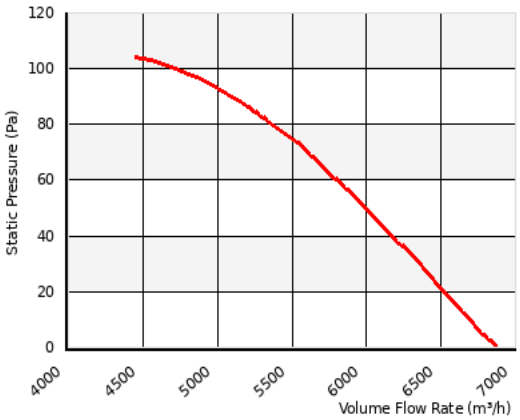
Impeller blades	6
Impeller type	3
Impeller system	C
Impeller material	PP

Control options

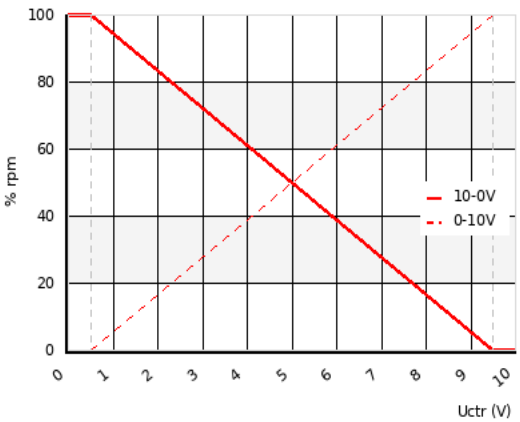
Triac controller	No
Transformer	No
Frequency drive	Yes

Characteristics

0 Pa	6900 m^3/h
50 Pa	6000 m^3/h



Speed control diagram



Please note: Picture may deviate from original product

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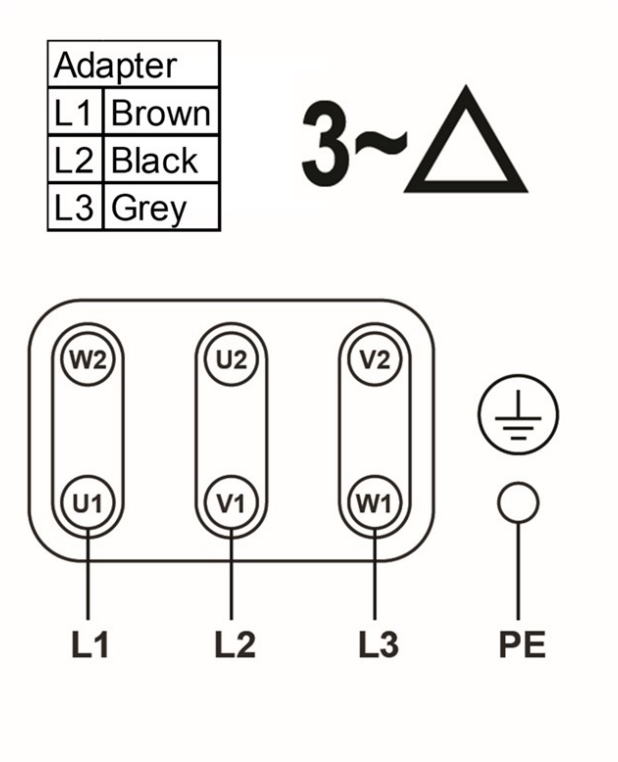
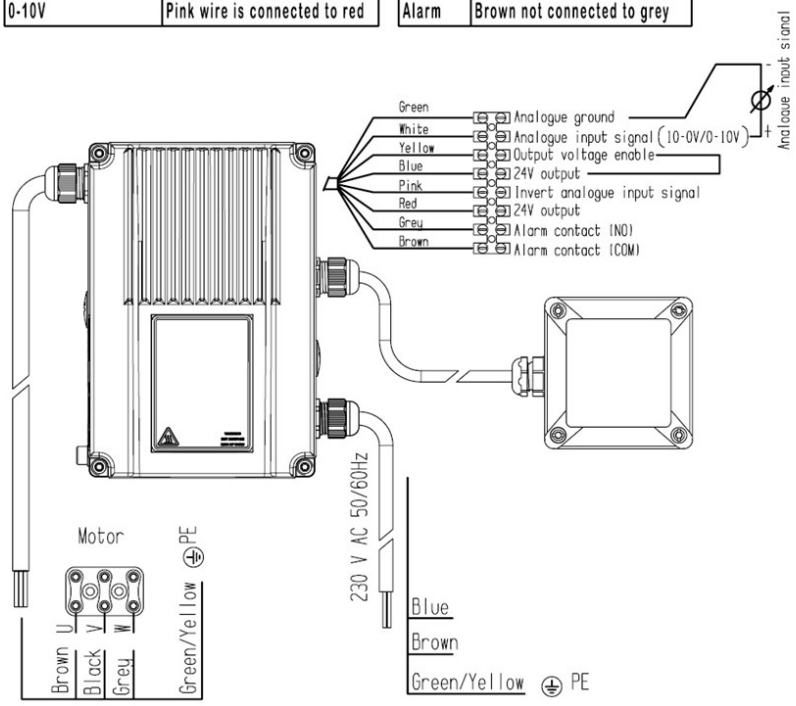
Wiring diagram

CC03 - 3 Phase - Delta connected + MFD33S - -



Analogue input signal	Pink wire connection
10-0V	Pink wire is not connected
0-10V	Pink wire is connected to red

Alarm relay contact	
No Alarm	Brown connected to grey
Alarm	Brown not connected to grey



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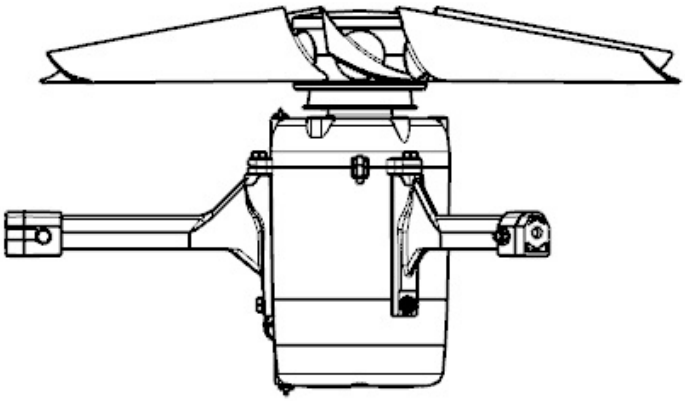
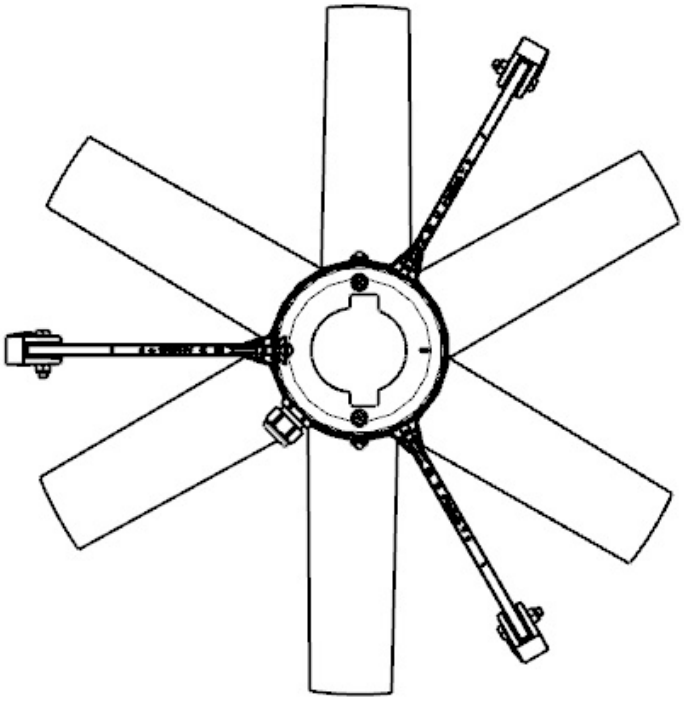
Dimensions





This fan component set consists of a motor, an impeller and motor supports. According to the definition of a fan as defined in Regulation (EU) 2024/1834, this fan component set is not a fan. This fan component set is intended for use in the construction of a complete fan, which is to be assembled using this set in combination with other components. This fan component set is intended for installation in a circular ventilation duct or a circular housing.

This fan component set is supplied as partly completed machinery in accordance with Regulation (EU) 2023/1230 and Directive 2006/42/EC.

NOTICE: This is an indicative performance only! The actual performance of the complete fan that is built using this fan component set must be determined by performance testing the complete fan.

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