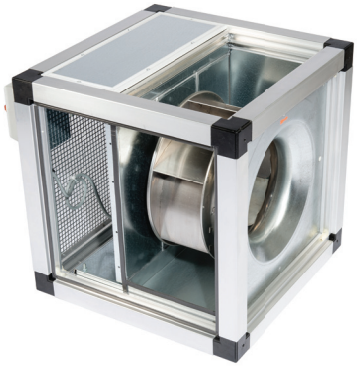
Series: **THERMAL-EXHAUST-UNIT FMBT**
with Freewheeling impeller with
backward curved blades

EC-MOTOR
EC-MOTEUR

FISCHBACH
Luft- und Ventilatorentechnik GmbH

Type: FMBT-EC-40/450/DM850 ErP KONFORM

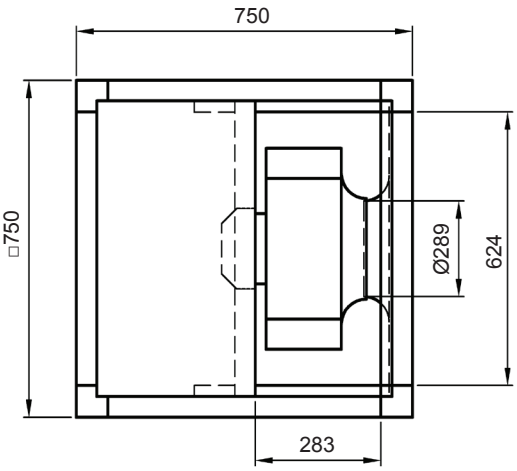


CE -conform UKCA

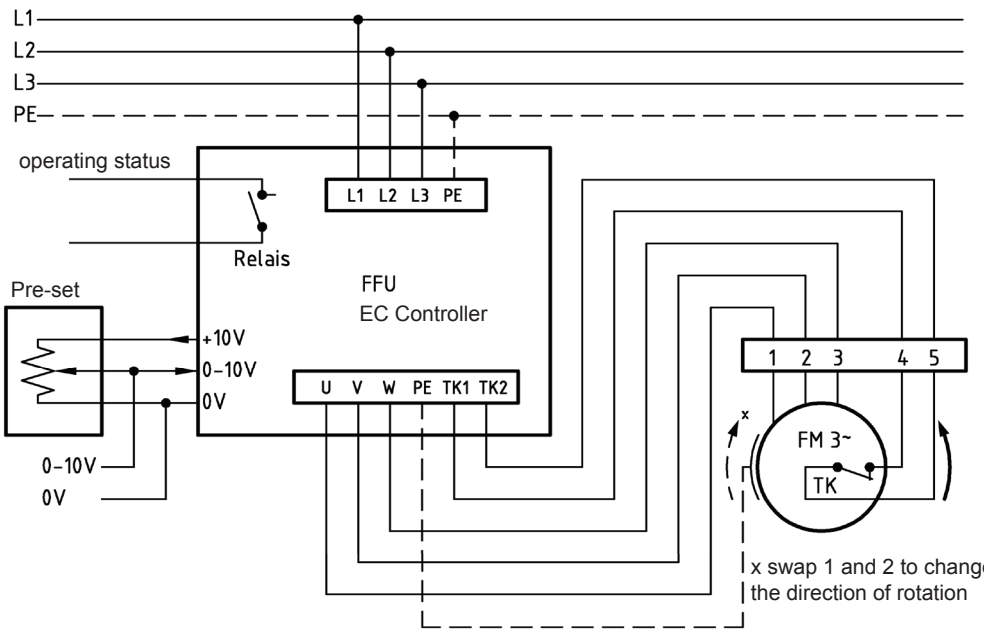
manufacturer:
Fischbach Luft- und Ventilatorentechnik GmbH
Am Hellerberg 22-24
D-57290 Neunkirchen
phone: ++49(0)2735/777-0
telefax: ++49(0)2735/770-133
internet: www.fischbach-luft.de
email: info@fischbach-luft.de

Technical Data

weight:	(kg)	60
material housing:		aluminum/plastic steel, galvanized
material impeller:		aluminium
direction of rotation:		right
motor protection class:		IP 65
insulation class:		F
motor protection:		thermal contact



connection plan*
FFU-EC 400



* Connection only according to the enclosed technical documentation.

the silent one

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Type: FMBT-EC-40/450/DM850

Erp	2013	2015	2018 x

Performance data

main voltage:	(V)	400 (3~)
frequency:	(Hz)	50
current max.:	(A)	1,9
power input max.:	(kW)	0,8
air flow volume max.:	(m³/h)	5810
statical pressure max.:	(Pa)	600
speed max.:	(rpm)	1350
max. air flow temperature	(°C)	+70
max. ambient temperature	(°C)	+30
capacitor:	(µF)	-

* One discharge! With two discharges the performance increases by approx.10%

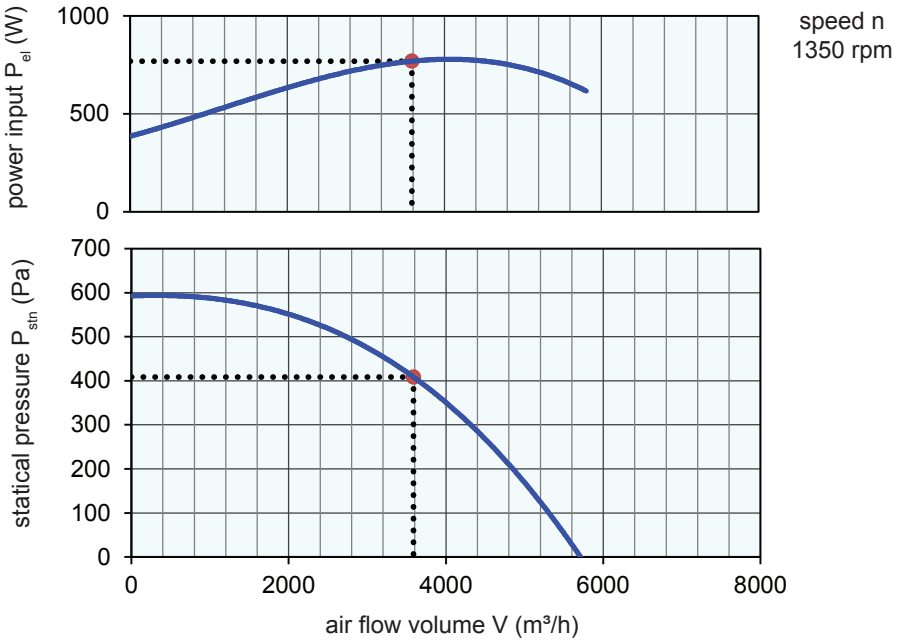
ErP-Data:

total efficiency fan (η_e):	(%)	57,8
installation category:		A
efficiency category:		static
efficiency grade: N	(%)	62
target efficiency (η_{target}):	(%)	50,3
speed controller		yes
year of manufacturing		since 2015

manufacturer: Fischbach Luft- und Ventilatorentechnik GmbH
D-57290 Neunkirchen / HRB 5804 Siegen

order no.		18172730
power input:	(kW)	0,77
air flow volume:	(m³/h)	3586
statical pressure:	(Pa)	408
speed:	(rpm)	1350
specific ratio:		1

disassemling/recycling/disposal: see page decommission
installation/operation/maintenance: see operating and mounting instructions
measurement for determination of efficiency without additional items



EC-controller included / accessories / sound data, please see in the appropriate table
Technical documentation according to page: **General information**