

ZAP 630-61 PLATE AXIAL FAN

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Description

The ZAP range of plate axial fans is based around the Ziehl-Abegg external rotor motor and an aerodynamically designed impeller to provide a very compact, efficient unit. Key features are:-

- Diecast aluminium blades with high efficiency aerofoil blade design
- Maintenance free, sealed-for-life bearings
- Insulation class 'F' and IP54 protection
- Operating range of -40°C to 60°C or 70°C
- TK thermal protection
- 100% speed controllable motor
- Pressed galvanised steel wall plate incorporating full bellmouth
- Corrosion resistant paint in pebble grey RAL7032
- Inlet guard
- IP54 terminal box

Fitted with motorside guard as standard.

All ZAP fans are suitable for reverse operating conditions with a reduction in performance



Technical parameters

Voltage	230	V
Frequency	50	Hz
Phase	1	~
Input power (P1)	600	W
Current	2.7	A
Max. airflow	3.35	m³/s
R.p.m.	880	r.p.m.
Max. temperature of transported air	70	°C
Max. temperature of transported air when speed-controlled	70	°C
Sound pressure level at 3 m	60	dB(A)
Weight	24.5	kg
Insulation class	F	
Enclosure class, motor	IP54	IP
Capacitor	12	µF

Accessories

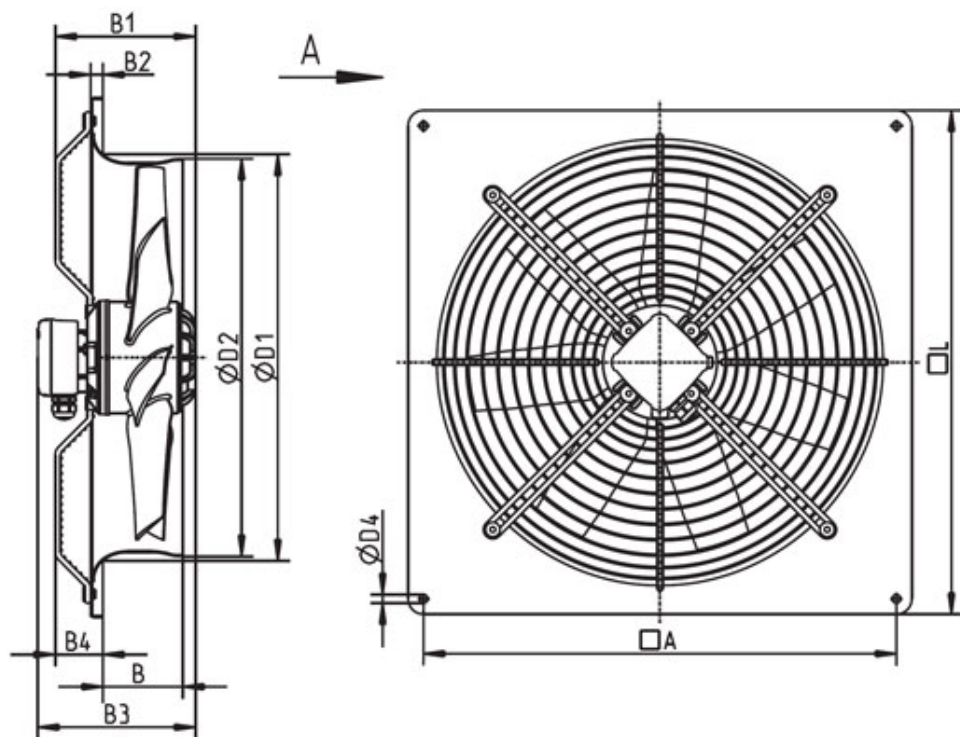
Electric accessories

- RTRE 3 Speed control (5009)
- REE 4 Speed control (5317)
- STL 3 Speed controller (84261)

Accessories

- VK-63 Louvre shutter (5651)
- RAV 630/710 Roof cowl (8469)
- RAW 630/710 Roof Cowl c/w BG (86531)

Dimensions



ZAP 630-61	B	B1	B2	B3	B4	D1	D2	D4	A	L
	130	207	20	225	52	664	643	11	750	805

Wiring

104XA

Luftförderrichtung: V
Direction of airflow: V
Drehrichtung: Rechtslauf
Direction of rotation: clockwise

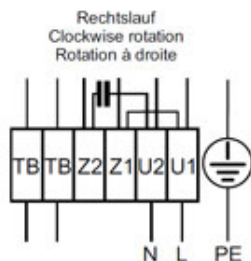
1~Motor mit Kondensator und Thermostatschalter (falls eingebaut).

1~Motor with capacitor and thermostatic switch (if built in).

Moteur monophasé avec condensateur et interrupteur thermostatique (si incorporé).

U1	braun	brown	brun
U2	blau	blue	bleu
Z1	schwarz	black	noir
Z2	orange	orange	orangé
TB	weiß	white	blanc

104XA-02



Anschlusschaltbild im Anschlusskasten aufbewahren.
Keep wiring diagram in terminal box.
Conserver le schéma de raccordement dans la boîte à bornes.

104XB

Luftförderrichtung: A
Direction of airflow: A
Drehrichtung: Linkslauf
Direction of rotation: counter clockwise

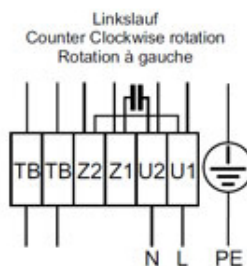
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104XB-02



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Documentation

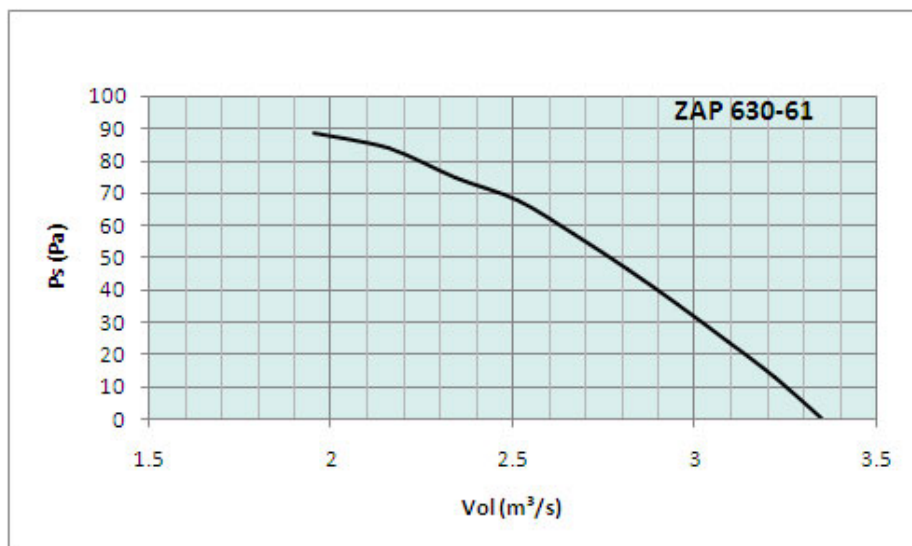


Operating Instruction axial fans L-BAL-001-GB[1].pdf (117,64kB)

Acoustics

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000	16000	dBW Total	dBA Total	dBA @ 3m
Sound Power (dBW)	88	85	81	77	76	70	64	58	53	90	80	60

Diagram



Specification text