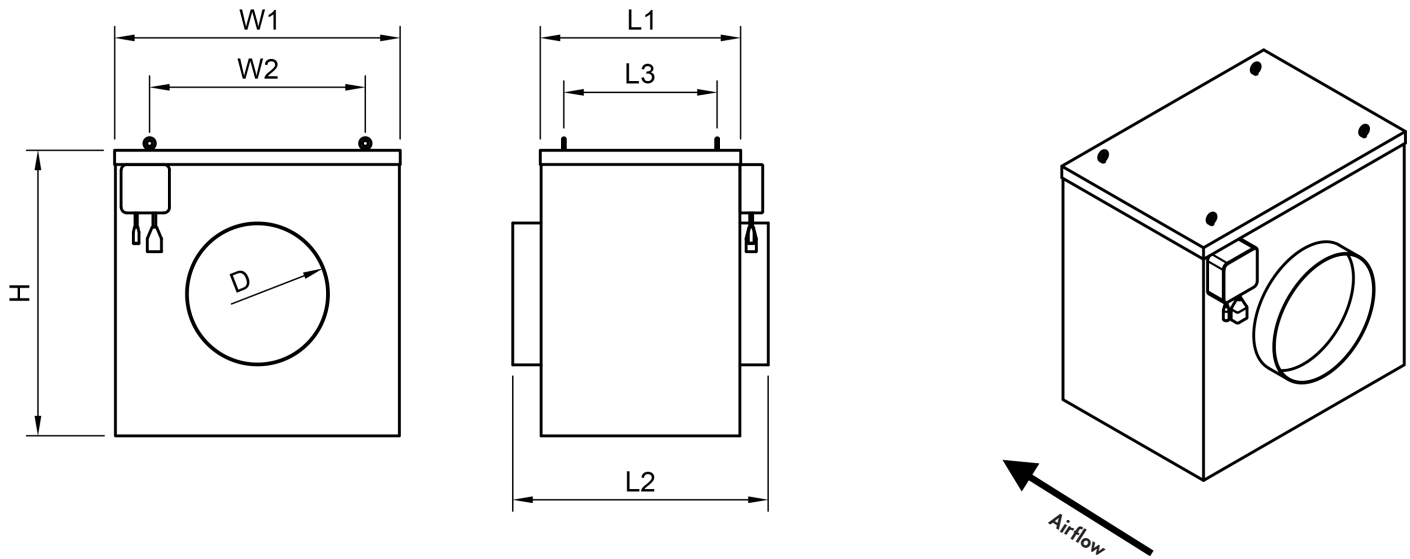


DATASHEET

EC Silent Box, ZIEHL ABEGG



SPECIFICATIONS

EC ZA Box Max. m3/h	3500m3/h	5500m3/h	7300m3/h	11400m3/h
Product code	ART-SB07_ZA	ART-SB09_ZA	ART-SB10_ZA	ART-SB11_ZA
Fan manufacturer	Ziehl-Abegg	Ziehl-Abegg	Ziehl-Abegg	Ziehl-Abegg
Fan model	GR25I-6ID.BD.CR	GR31I-ZID.DC.CR	GR31I-ZID.DC.CR	GR40I-ZID.GG.CR
VAC	1~200-277	1~200-277	3~380-480	3~380-480
W/A	780 / 2.9	1320 / 6.6	3000 / 4.8	3700 / 5.8
Max. Pa	1200	1200	2125	1600
Connection in mm (D)	315	400	400	500
Dimensions in mm				
L1	385	603	603	655
L2	485	735	735	785
W1	565	603	603	803
H	565	603	603	805
Hanging points M6 in mm				
L3	280	500	500	N.A
W2	460	500	500	
Material Housing Impeller	Steel ZAmid	Steel ZAmid	Steel ZAmid	Steel ZAmid
Weight in kg	27.6	44	47	50.6
Noise Isolation (Silent Box only)	Basotect® G+	Basotect® G+	Basotect® G+	Basotect® G+
Weight in kg (Silent Box)	28.1	44.5	47.5	51.3
ErP directive overall efficiency:				
Actual	85.70%	81.20%	79.20%	77.30%
Request 2015	62.00%	62.00%	62.00%	62.00%

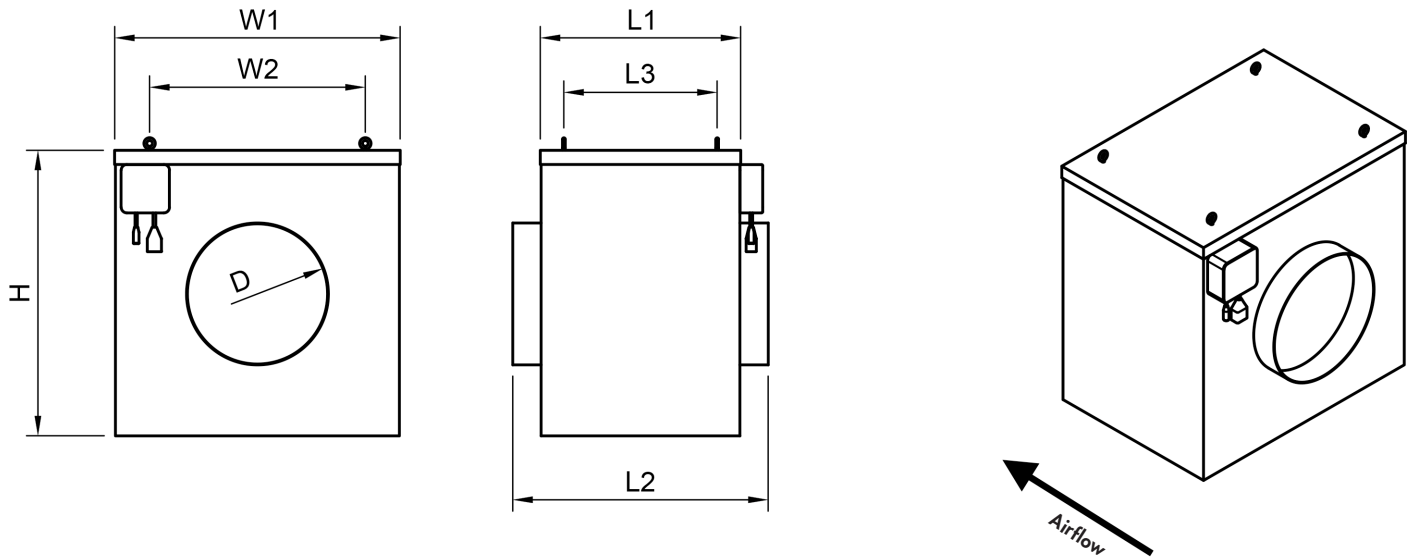
ENERGY EFFICIENCY

Our motors with modern EC-technology reach excellent efficiencies and save up to 50% energy compared to conventional motor technology.

The slightly higher investment costs compared to conventional motors usually pay for themselves within a very short operating time thanks to lower energy consumption and lower installation costs.

DATASHEET

EC Power Box, ebm-papst



SPECIFICATIONS

EC EBM Box Max. m3/h	280m3/h	500m3/h	750m3/h	1000m3/h	1250m3/h	3500m3/h	5000m3/h	7000m3/h	11000m3/h	11800m3/h (PB only)	
Product code	ART-PB01	ART-PB13	ART-PB02	ART-PB03	ART-PB05	ART-PB07	ART-PB09	ART-PB10	ART-PB11	ART-PB12	
Fan manufacturer	EBM-Papst	EBM-Papst	EBM-Papst	EBM-Papst	EBM-Papst	EBM-Papst	EBM-Papst	EBM-Papst	EBM-Papst	EBM-Papst	
Fan model	K3G133- RA01-03	K3G160- RB31-03	K3G190- RC05-03	K3G190- RD45-03	K3G220- RD53-03	K3G280- RR03-H2	K3G310- PT08-J2	K3G310- PV69-83	K3G400- PA27-71	K3G500- PB33-01	
VAC	1~200-240	1~200-277	1~200-277	1~200-277	1~200-277	1~200-277	3~380-480	3~380-480	3~380-480	3~380-480	
W/A	27 / 0.27	85 / 0.75	83 / 0.75	169 / 1.35	168 / 1.4	500 / 2.2	1230 / 1.9	3050 / 4.7	3350 / 5.2	5700 / 9	
Max. Pa	450	820	620	1200	980	950	1200	2125	1600	1800	
Connection in mm (D)	125	160	200	200	250	315	400	400	500	selection	
Dimensions in mm	L1 L2 W1 H	203 280 273 328	238 350 328 328	273 353 383 383	273 353 383 383	350 450 505 502	385 485 565 565	603 735 603 603	603 735 603 603	655 785 803 805	1000 1098 880 880
Hanging points M6 in mm	L3 W2	100 170	135 225	170 280	170 280	270 380	280 460	500 500	500 500	N.A N.A	
Material Housing Impeller	Steel Polyamid	Steel Polyamid	Steel Polyamid	Steel Polyamid	Steel Polyamid	Steel Polyamid	Steel Aluminium	Steel Aluminium	Steel Aluminium	Steel Aluminium	
Weight in kg	4	6.2	7	7.3	11.2	25.7	40	42.5	69	123	
Noise Isolation (Silent Box only)	Basotect® G+	Basotect® G+	Basotect® G+	Basotect® G+	Basotect® G+	Basotect® G+	Basotect® G+	Basotect® G+	Basotect® G+		
Weight in kg (Silent Box)	4.1	6.3	7.15	7.35	11.4	25.4	40.5	43	69.7		
ErP directive overall efficiency:											
Actual	ERP-Ready	ERP-Ready	ERP-Ready	74.90%	75.50%	80.90%	76.40%	65.40%	74.40%	71.70%	
Request 2015				62.00%	62.00%	62.00%	62.00%	62.00%	62.00%	62.00%	

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K3G190-RD45-03

EC-Radialmodul - RadiCal®

rückwärts gekrümmt, einseitig saugend
mit Gehäuse



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Kommanditgesellschaft · Sitz Mulfingen
Amtsgericht Stuttgart · HRA 590344

Komplementär Elektrobau Mulfingen GmbH · Sitz Mulfingen
Amtsgericht Stuttgart · HRB 590142

Nenndaten

Typ	K3G190-RD45-03	
Motor	M3G055-CF	
Phase		1~
Nennspannung	VAC	230
Nennspannungsbereich	VAC	200 .. 240
Frequenz	Hz	50/60
Art der Datenfestlegung		mb
Drehzahl	min ⁻¹	4120
Leistungsaufnahme	W	169
Stromaufnahme	A	1,35
Min. Umgebungstemperatur	°C	-25
Max. Umgebungstemperatur	°C	60

mb = Max. Belastung · mw = Max. Wirkungsgrad · fb = Freiblasend · kv = Kundenvorgabe · kg = Kundengerät
Änderungen vorbehalten

Daten gemäß ErP-Richtlinie

		Ist	Vorgabe 2015
01 Gesamtwirkungsgrad η_{es}	%	56	43,1
02 Installationskategorie		A	
03 Effizienzklasse		Statisch	
04 Effizienzklasse N		74,9	62
05 Drehzahlregelung		Ja	

Datenfestlegung im optimalen Wirkungsgrad.
Die Ermittlung der ErP-Daten erfolgt mit einer Motor-Laufrad-Kombination in einem standardisierten Messaufbau.

09 Leistungsaufnahme P_{ed}	kW	0,16
09 Volumenstrom q_v	m ³ /h	565
09 Druckerhöhung p_{fs}	Pa	524
10 Drehzahl n	min ⁻¹	4055
11 Spezifisches Verhältnis*		1,01

* Spezifisches Verhältnis = $1 + p_{fs} / 100\,000\text{ Pa}$

LU-132500

