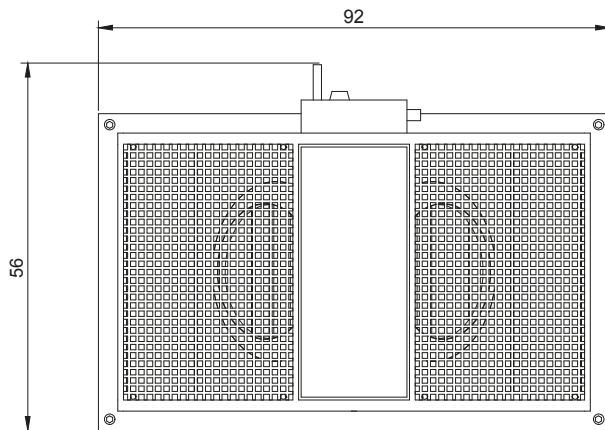


Model	RTKE 154810/10 EXTRACTOR	Voltage	220/240 Vac	Weight	46 kg
Series	BLDC EC FAN	Power	760 W	Sound pressure	51 Db
IP Code	43 BH	Maximum flow rate	6000m ³ /h	Total dimensions	92x56x56 cm
		Head	190 Pa	Suction dimension	80x50 cm

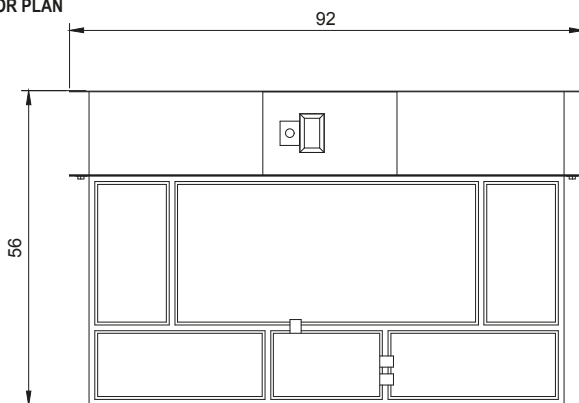
FRONT



FRONT VIEW



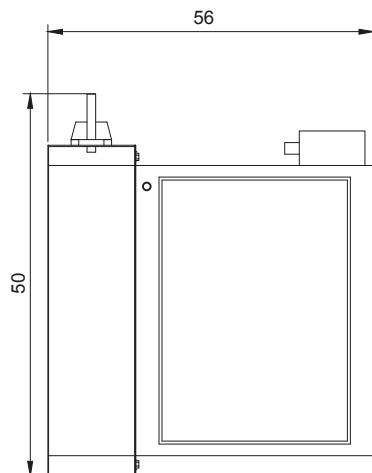
FLOOR PLAN



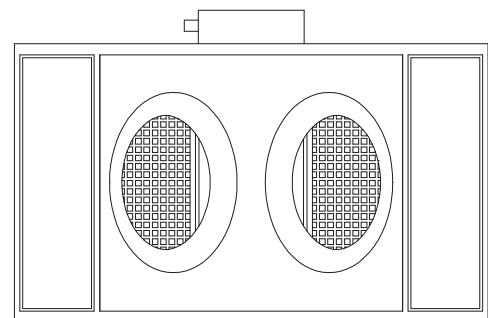
REAR VIEW (intake side)



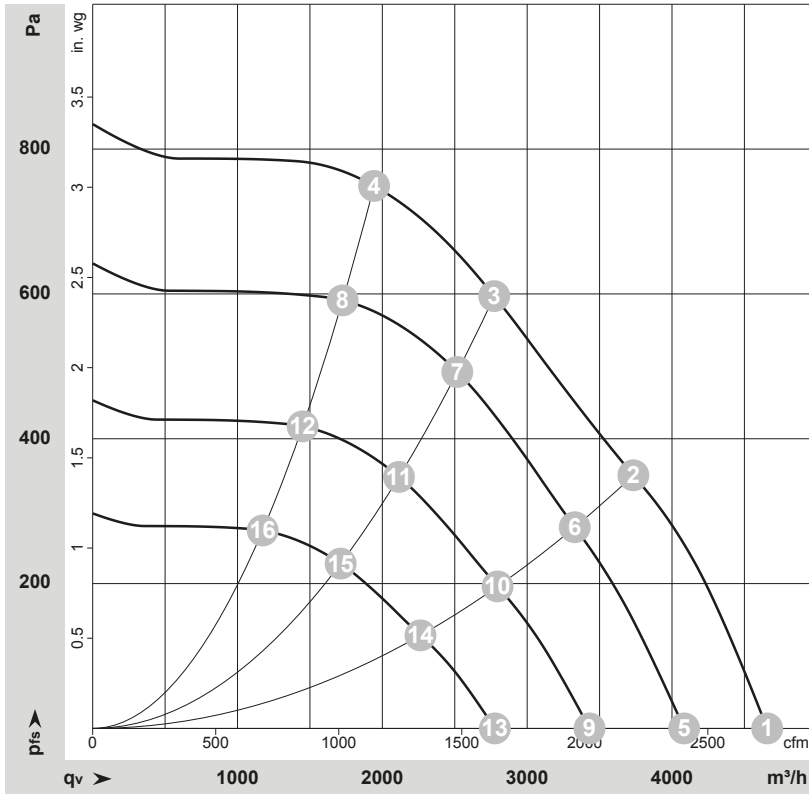
SIDE VIEW



DUCT CONNECTION FLANGE



Curves: Airperformance50Hz



Product information

Power supply:	220-240 V/1F/50Hz
Maximum power consumption:	550 W
Maximum current consumption:	2,10 A
Air flow range:	2600 - 6000m³/h
Nominal head:	190 Pa
Maximum noise level:	51 Db at 5 metres
Air flow rate modulation:	No
Electric fan motor:	Brushless
Number of fans:	2
Fan control:	Modbus
Fan type:	Axial
Number of filters:	None
Filter size:	-
Air filter type:	-
Inlet air damper:	ON/OFF
Rain screen with anti-mouse mesh:	None
Servo motor damper:	Integrated
External intake temperature probe:	-
Indoor environment probes:	-
External air humidity probe:	-
Operating temperature:	5 - 55 °C
Installation:	Window-mounted or in line with the extraction channel
Control and regulation:	Control panel / Master unit
PLC redundancy:	-
Digital output alarms:	Yes
Well-being button management:	-
Event log memory:	-
Stop contact in case of FIRE:	-
Stop contact in case of FLOOD:	-
Remote ON/OFF:	-
ON/OFF of room air conditioners:	-
Alarm management of room air conditioners:	-
Air conditioners managed with digital I/O:	-
Air conditioners managed with rs485:	-
Manual force command digt.INPUT:	-
Operating logic:	Climate controlled
User interface:	Control panel / Master unit
Communication:	RS485 / Modbus IP master/slave
Slave system:	Slave Modbus / analogue
Degree of protection:	IP43 BM*
Machine size:	92x56x56 cm
Weight:	46 kg
Type of switch to be installed:	Earth leakage circuit breaker 0.3 type B

Measured values

	Wired	U	f	n	P _{ed}	I	LpA _{in}	LwA _{in}	q _v	P _{fs}	q _v	P _{fs}
		V	Hz	min ⁻¹	W	A	dB(A)	dB(A)	m ³ /h	Pa	cfm	in. wg
1	1~	230	50	2850	557	2.45	77	84	4655	0	2740	0.00
2	1~	230	50	2805	750	3.30	73	79	3735	350	2195	1.41
3	1~	230	50	2750	750	3.30	68	76	2775	600	1630	2.41
4	1~	230	50	2815	750	3.30	71	78	1945	750	1145	3.01
5	1~	230	50	2500	376	1.65	73	81	4085	0	2405	0.00
6	1~	230	50	2500	530	2.31	70	77	3330	278	1960	1.12
7	1~	230	50	2500	554	2.42	66	74	2520	495	1480	1.99
8	1~	230	50	2500	525	2.29	68	76	1725	593	1015	2.38
9	1~	230	50	2100	223	0.98	69	77	3430	0	2020	0.00
10	1~	230	50	2100	314	1.37	66	72	2795	196	1645	0.79
11	1~	230	50	2100	329	1.44	62	69	2115	349	1245	1.40
12	1~	230	50	2100	311	1.36	63	71	1450	418	855	1.68
13	1~	230	50	1700	118	0.52	64	71	2775	0	1635	0.00
14	1~	230	50	1700	167	0.73	60	67	2265	128	1330	0.51
15	1~	230	50	1700	174	0.76	56	64	1710	229	1010	0.92
16	1~	230	50	1700	165	0.72	58	66	1175	274	690	1.10

Wired = Wiring · U = Voltage · f = Frequency · n = Speed (rpm) · P_{ed} = Power consumption · I = Current draw · LpA_{in} = Sound pressure level intake side · LwA_{in} = Sound power level intake side
q_v = Air flow · P_{fs} = Pressure increase

Product description

The RotoKalt Exclusive AC is a ducted extractor easy to install and maintain with 2 PlugFan Brushless radial motors.

The whole range is supplied with a motor damper.

The power supply required to operate the system is 220-240 Volt Ac.

The system can be supplied with an onfield control potentiometer or coupled to the managing QE.