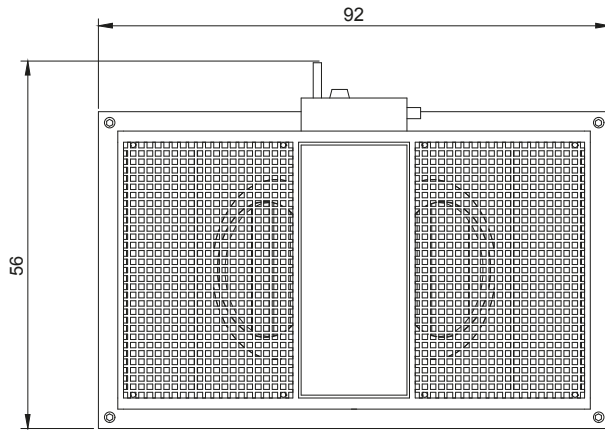


Model	RTKE 154810/8 EXTRACTOR	Voltage	48 Vdc	Weight	45 kg
Series	BLDC EC FAN	Power	760 W	Sound pressure	51 Db
IP Code	43 BH	Maximum flow rate	6000 m ³ /h	Total dimensions	92x56x56 cm
		Head	190 Pa	Suction dimension	80x50 cm

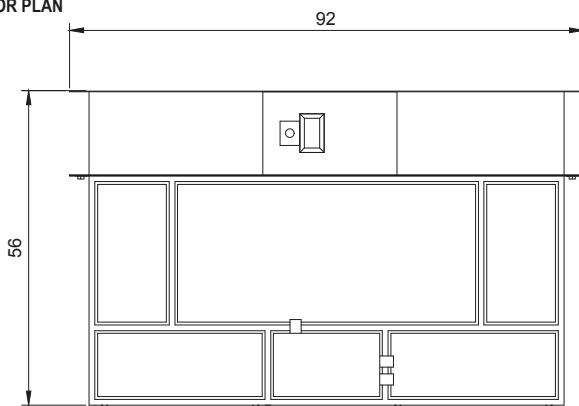
FRONT



FRONT VIEW



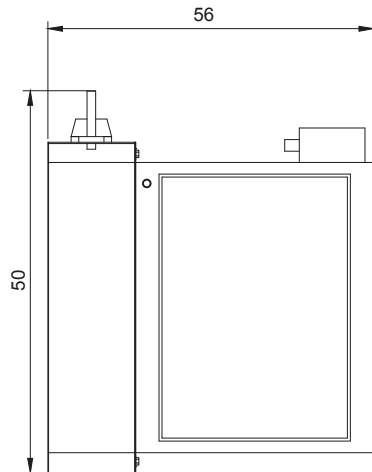
FLOOR PLAN



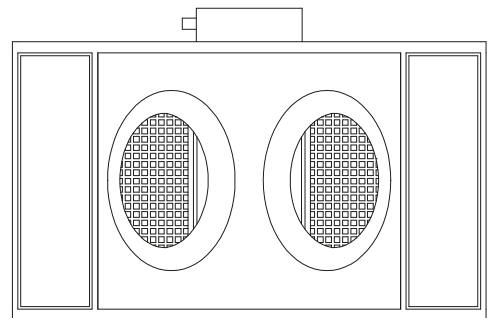
REAR VIEW (intake side)



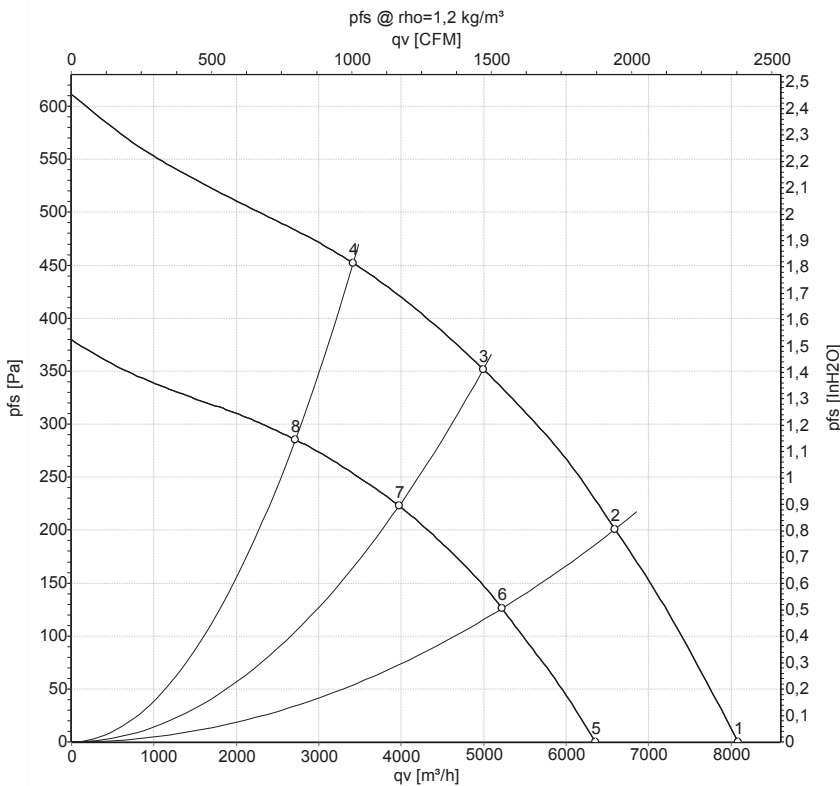
SIDE VIEW



DUCT CONNECTION FLANGE



Curves: Airperformance



Product information

Power supply:	48 Vdc +- 10
Maximum power consumption:	760 W
Maximum current consumption:	8,5 A
Air flow range:	3600 - 6000 m3/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:	0 - 10 Vdc analogue
Fan type:	Radial
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:	At the window 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:	-
Slave system:	Analogue slave
Degree of protection:	IP43 BM*
Machine size:	92x56x56 cm
Weight:	45 kg
Type of switch to be installed:	External rotary switch disconnecter

Measuredvalues

	U	n	P _{ed}	I	q _v	P _{fs}	q _v	P _{fs}
	V	min ⁻¹	W	A	m ³ /h	Pa	cfm	in. wg
1	48-57	1760	580		7045	0	4145	0.00
2	48-57	1710	716		5295	200	3120	0.80
3	48-57	1690	766		4495	350	2645	1.41
4	48-57	1705	736		2710	450	1600	1.81
5	36	1390	294	4.11	6180	0	3640	0.00
6	36	1360	350	4.88	4610	126	2710	0.51
7	36	1345	384	5.35	2985	224	1755	0.90
8	36	1355	366	5.12	2360	285	1390	1.14

U = Power supply · n = Speed (rpm) · P_{ed} = Power consumption · I = Current draw · q_v = Air flow · P_{fs} = Pressure increase

Product description

The RotoKalt Exclusive DC is an easy to install and maintain ducted extractor with 2 PlugFan Brushless Radial motors.

The whole range is supplied with a motor damper.

Power supply 48-54 Volt Dc.

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