



Humidity sensitive cabinet fans, made of galvanised steel, certified 400°C-1/2h for air extraction in case of fire, equipped with a high-performance direct-drive centrifugal fan, with blade impeller to the rear.

Fully automatic operation at a constant pressure or flow-rate. Default Modbus communication and SIGFOX as optional. Display located on the front.

They can be installed outdoors without the need for a roof terminal cowl (if the operation is intermittent, it is recommended to install a roof cowl).

Motors

Electronically commutated. Single-phase 230V, single inlet, electronic thermal protector, with an adjustable speed by means of a built-in potentiometer. Equipped with proximity switch and safety pressure switch.



On-Off switch



Rubber seals
in the exhaust valves.



CONSTANT
PRESSURE

Specific applications



VMC
Multi Dwelling
Blocks



CONFIGURATIONS

Vertical discharge orientation



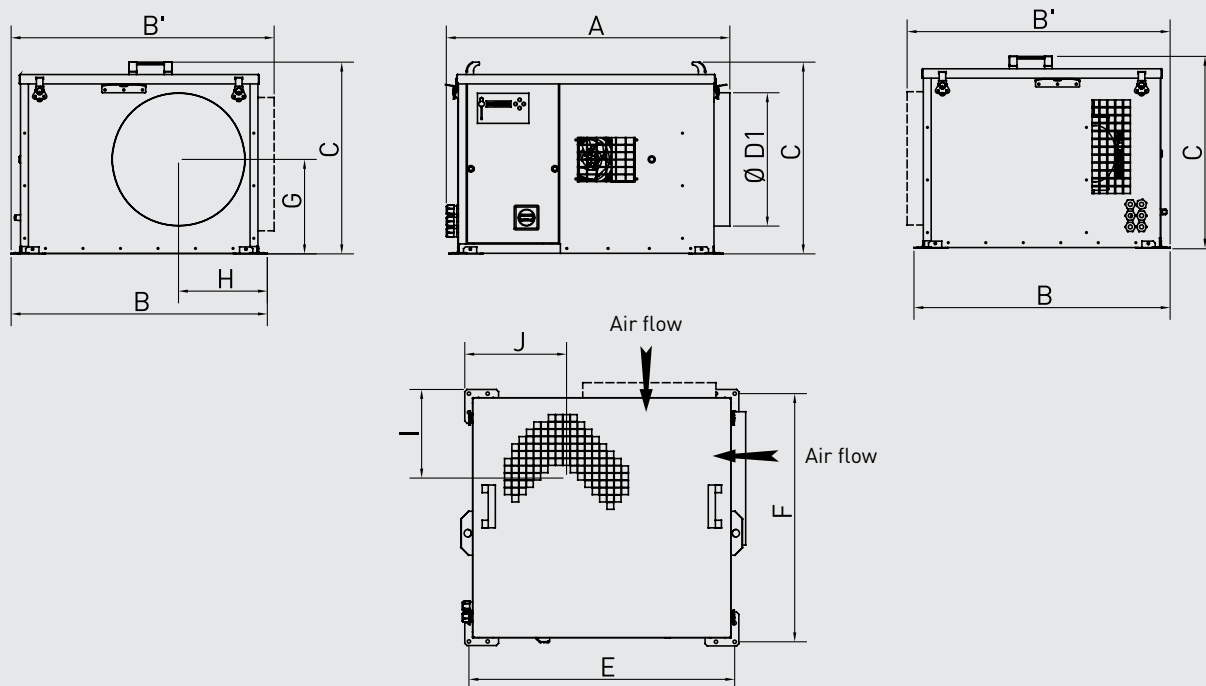
TECHNICAL CHARACTERISTICS

It is essential to check that the electrical characteristics (voltage, current, frequency, etc.) of the motor shown on the motor rating plate are compatible with those of the installation.

Model	Ø Suction (mm) / Outlet angle	Ø Outlet (mm)	Motor power (W)	Maximum intensity (A)	Flow rate (m³/h)		Weight (kg)
					min.	max.	
CRCB ECOWATT 30-1	400 / 90°	400	600	2,6	250	3.000	64
CRCB ECOWATT 38-1	500 / 90°	500	700	3,1	500	3.800	78
CRCB ECOWATT 38-2	400-400 / 2x90°	500	700	3,1	500	3.800	78
CRCB ECOWATT 48-1	560 / 90°	560	720	3,1	500	5.000	83
CRCB ECOWATT 48-2	450-450 / 2x90°	560	720	3,1	500	5.000	83

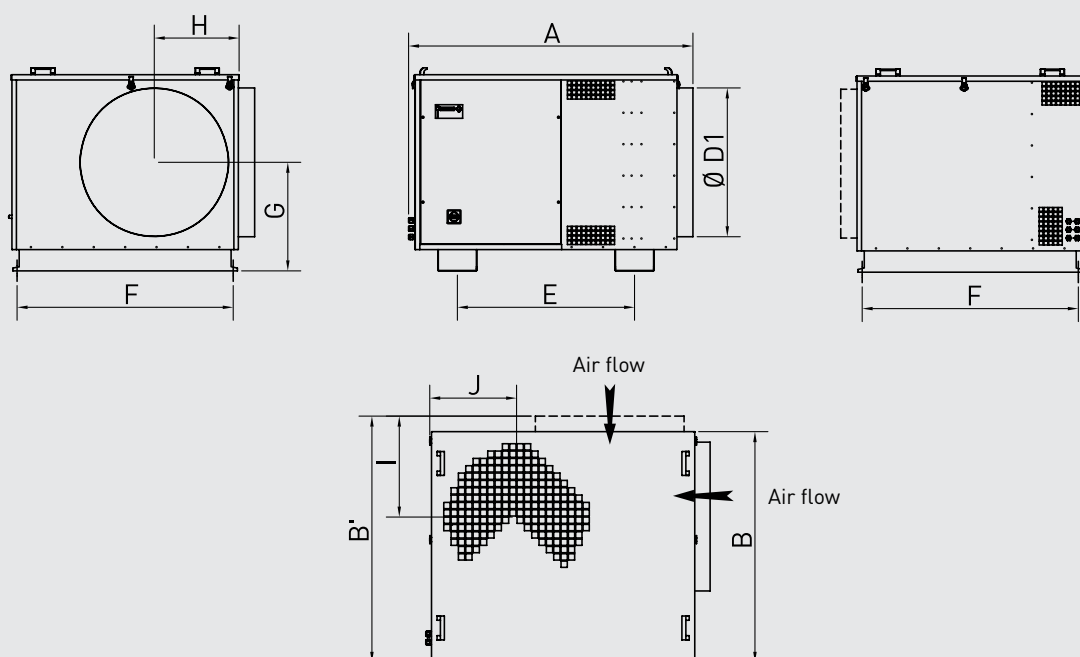
DIMENSIONS (mm)

CRCB ECOWATT 30/38-1



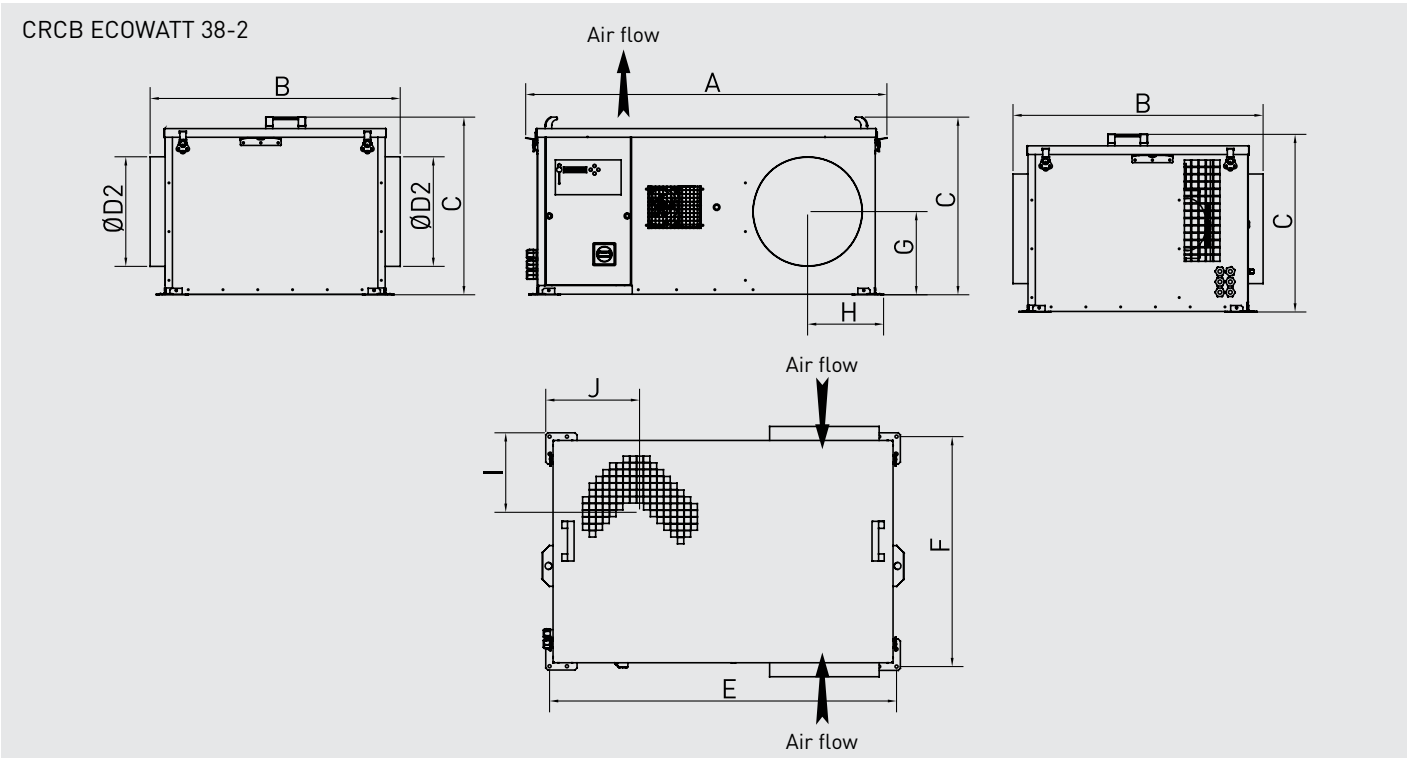
Model	A	B	B'	C*	D1	E	F	G	H	I	J
CRCB ECOWATT 30-1	973	820	873	565	400	892	797	267	271	248	286
CRCB ECOWATT 38-1	1106	938	971	637	500	1036	907	306	331	315	350

CRCB ECOWATT 48-1

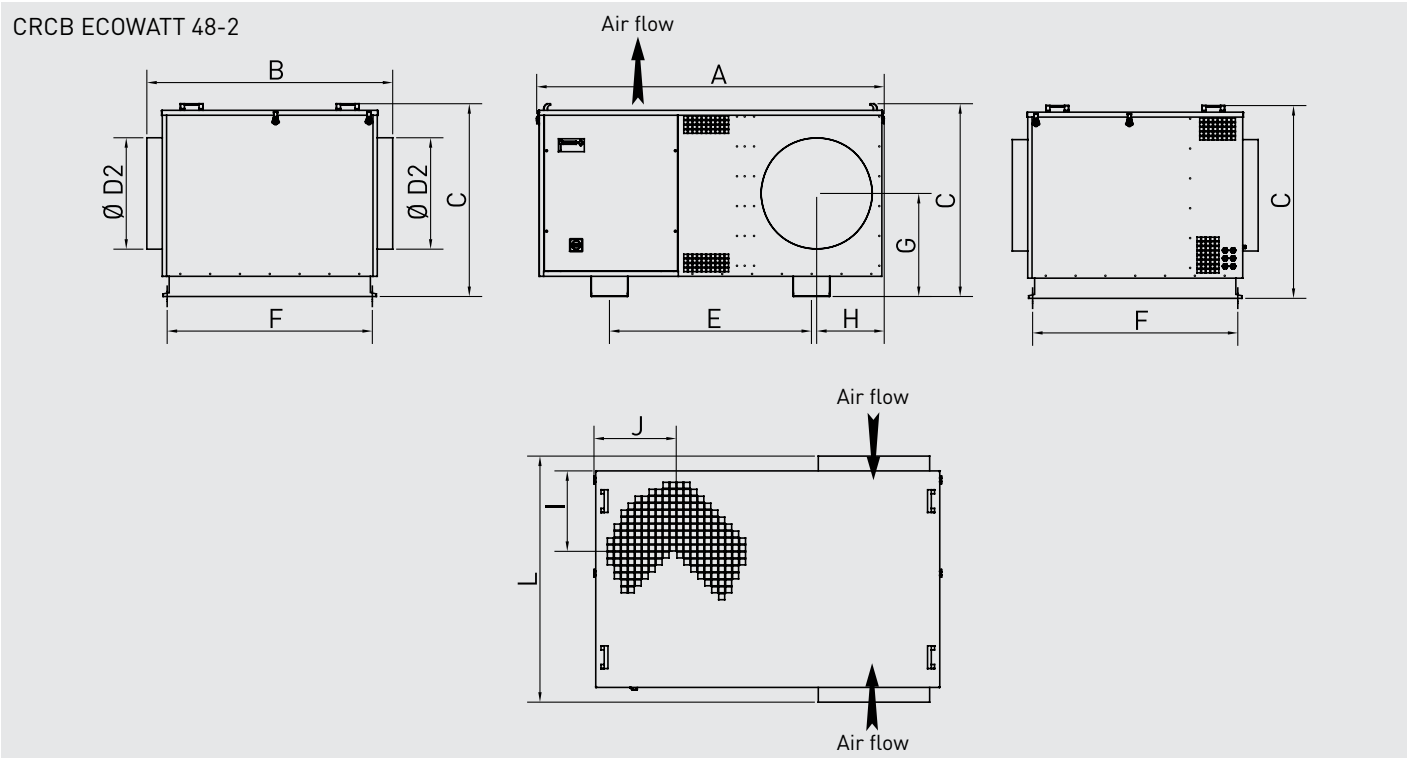


Model	A	B	B'	C*	D1	E	F	G	H	I	J
CRCB ECOWATT 48-1	1119	985	1065	800	560	700	918	433	330	320	340

DIMENSIONS (mm)

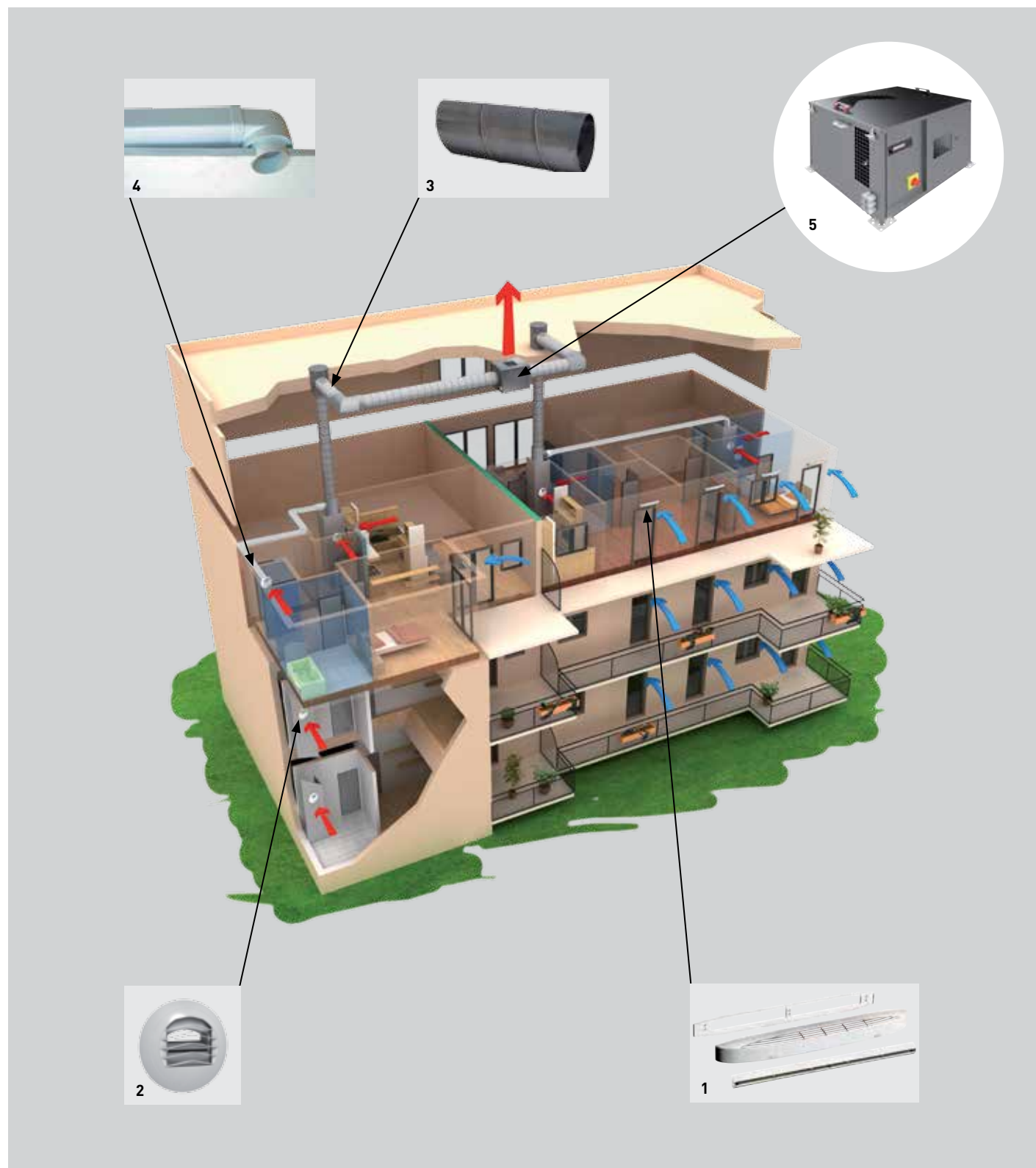


Model	A	B	C*	D1	D2	E	F	G	H	I	J
CRCB ECOWATT 38-2	1426	1025	637	500	400	1396	909	306	281	315	350



Model	A	B	C*	D1	D2	E	F	G	H	I	J
CRCB ECOWATT 48-2	1444	1105	800	560	450	990	918	433	270	320	340

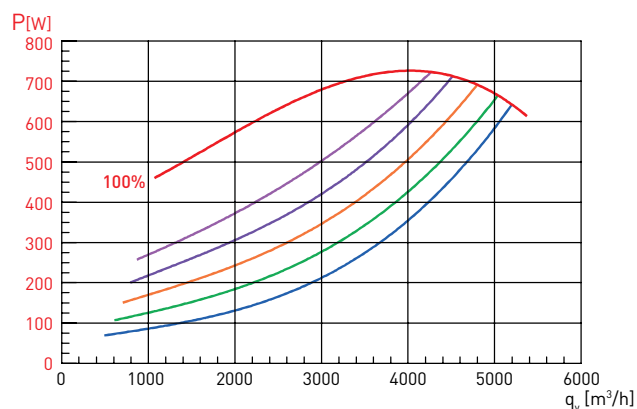
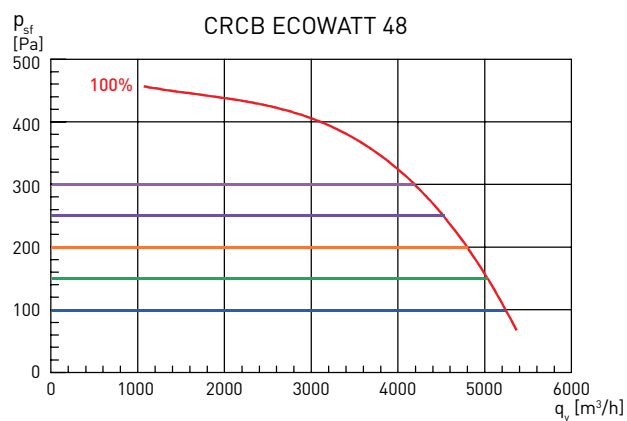
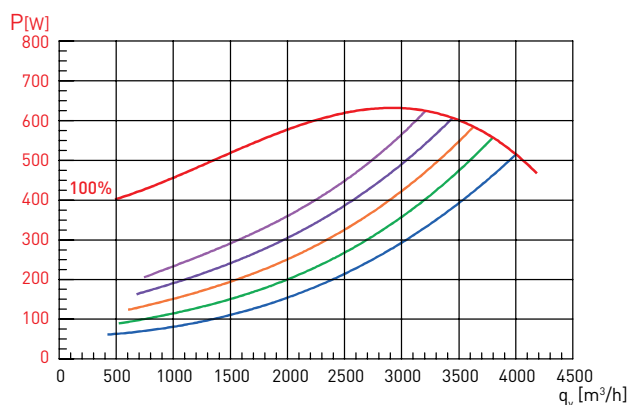
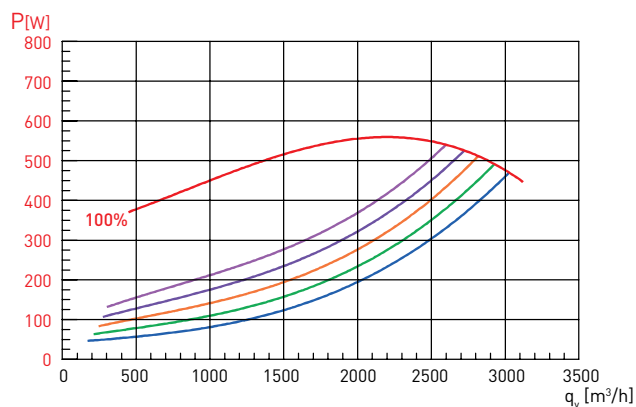
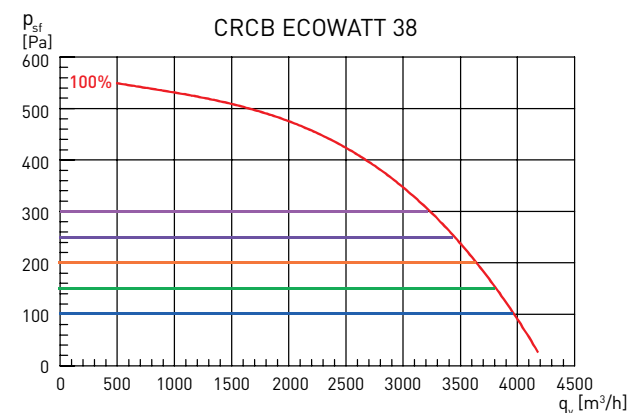
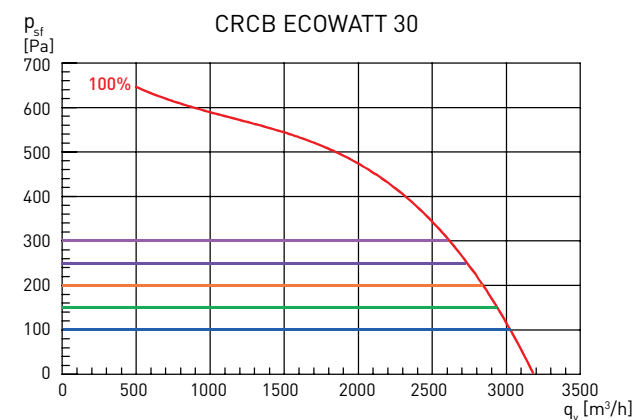
ECOWAT 30/48 SERIES – EXAMPLE OF INSTALLATION IN HUMIDITY SENSITIVE CENTRALISED SYSTEM



1. Humidity sensitive air vent EC-HY
2. Humidity-sensitive exhaust valve outlet BEH
3. Ducts and circular metallic accessories
4. Low profile ducts and circular plastic accessories, TUBREC
5. Cabinet fan with flat curve 400°C-1/2h CRCB ECOWATT 30/48

CURVE FEATURES

- q_v = Flow rate in m^3/h .
 - p_{sf} = Static pressure in Pa.
 - The graphs are valid for $1.2 \text{ kg}/\text{m}^3$ air density.
- Established according to cabinet motor extraction fan group testing code (Standard NF E51705).



ASSEMBLY FITTINGS



ACOPEL F400 N
Flexible connectors.



PAPV
Circular brackets.