IONIC

IONISEUR À IONS NÉGATIFS

Caractéristiques : module d'assainissement actif antibactérien avec ionisation négative sans ozone. L'invention concerne un système basé sur le principe de l'effet corona, selon lequel un courant électrique circule entre un conducteur à potentiel élevé et un fluide neutre environnant (air). Ce processus crée une ionisation négative de l'air sans créer d'arc électrique. L'utilisation de ce dispositif dans le système de distribution d'air permet de réduire les charges microbiennes, bactériennes et virales à la fois dans l'air et sur les surfaces de contact du système de distribution d'air.

Installation : conduits d'air métalliques de section circulaire et carrée. Unités de traitement de l'air.

NEGATIVE ION IONIZER

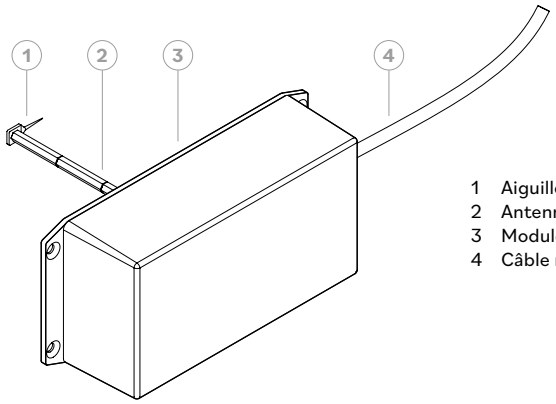
Characteristics: active antibacterial sanitization module with negative ionization without ozone formation. System based on the corona effect principle whereby an electric current flows between a high potential conductor and a surrounding neutral fluid (air). This process creates the negative ionization of the air without creating an electric arc. By using this device in the air distribution system, a reduction in microbial, bacterial and viral loads is achieved both in the air and on the contact surfaces of the system itself.

Installation: metal air ducts with circular and square section. Air handling units.

DESCRIPTION PARAMÈTRES | PARAMETER DESCRIPTION

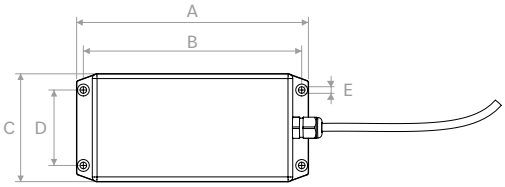
Tension d'alimentation | Power supply voltage	230VDC ±5%
Absorption électrique maximale Maximum electrical absorption	3W
Tension de sortie | Output voltage	-8 ÷ -10kV DC
Courant de sortie | Output current	0,15mA
Protection de sortie | Output protection	Impédance 68MΩ
Émission ions | Ion emissions	**>5'000'000 par cm³ @ 100 mm statiquement (pendant la ventilation puis la propagation dans l'air)** >5,000,000 per cm3 @ 100mm statically (in the ventilation then propagation in air takes place)
Débit d'air maximal | Maximum air flow rate	**2000 m³/h (pour chaque module) possibilité d'augmenter le débit en installant plusieurs modules en parallèle** 2000 m^3/h (per single module) possibility to increase the air flow rate by mounting several modules in parallel
Effet de réduction des charges microbiennes, bactériennes et virales obtenu sur les surfaces de contact Effect of reducing the microbial, bacterial and viral load obtained on contact surfaces	

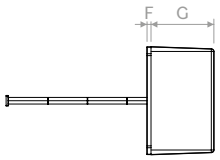
DESSINS | DRAWINGS

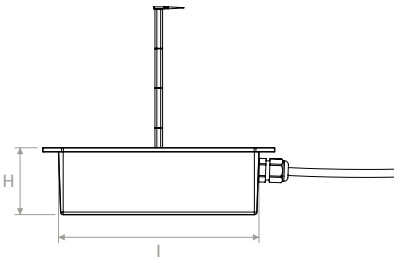


1 **Aiguille émettrice** | Emitter needle
2 **Antenne modulaire** | Modular antenna
3 **Module électronique** | Electronic unit
4 **Câble multipolaire d'alimentation** | Connection cable

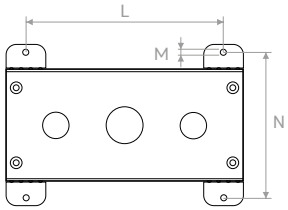
POIDS | WEIGHT: 0,7 kg





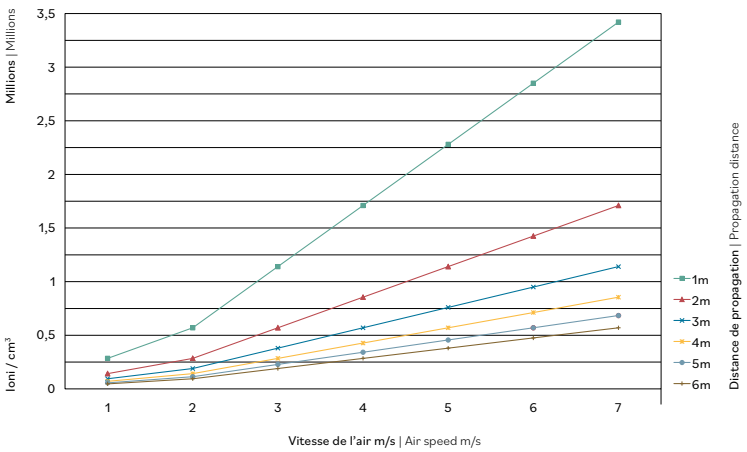


PAVMC

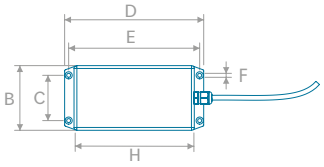


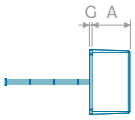
	A	B	C	D	E	F	G	H	I	L	M	N
mm	175	165	81	57	Ø 5	3	48	51	151,5	150	Ø 4,5	111

ÉMISSION D'IONS DANS LE CANAL | ION EMISSIONS IN THE DUCT



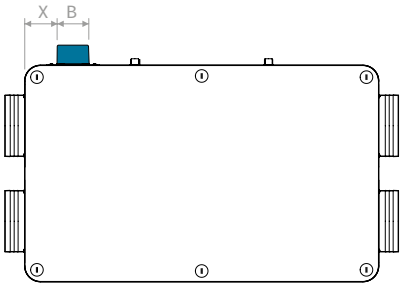
POSITION ET ENCOMBREMENT | POSITIONING AND DIMENSIONS





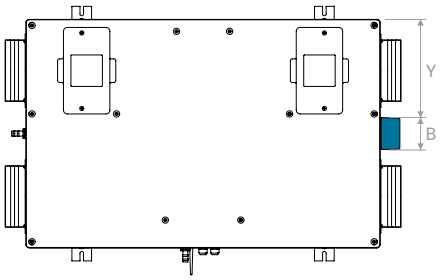
	A	B	C	D	E	ØF	G	H
mm	48	81	57	175	165	5	3	151

RDCD25I



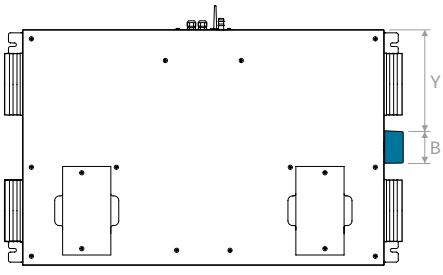
	B	X
mm	81	82

RDCD25SKI



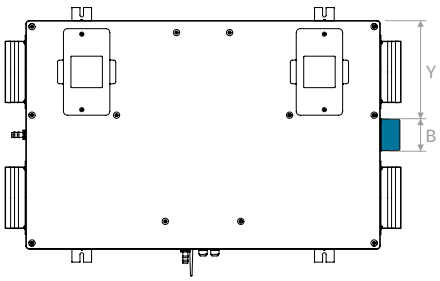
	B	Y
mm	81	250

RDCD25SKCI



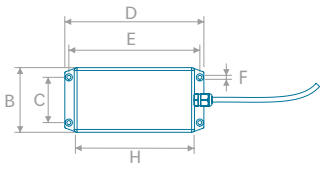
	B	Y
mm	81	257

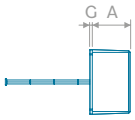
RDCD25SKHI



	B	Y
mm	81	250

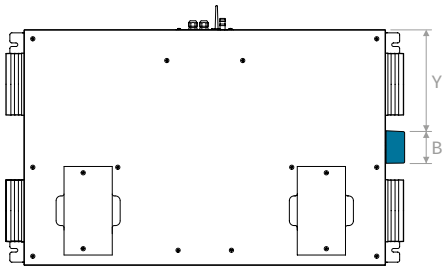
POSITION ET ENCOMBREMENT | POSITIONING AND DIMENSIONS





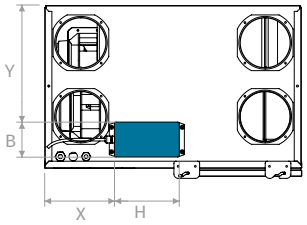
	A	B	C	D	E	ØF	G	H
mm	48	81	57	175	165	5	3	151

RDCD25SKHCI



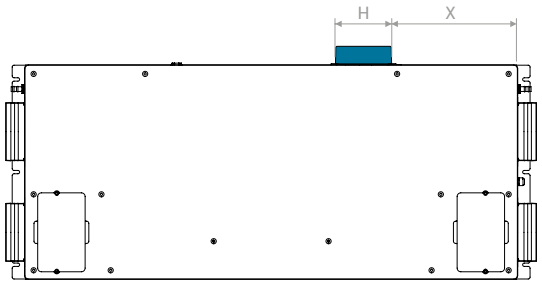
	B	Y
mm	81	257

RDCD30SHI



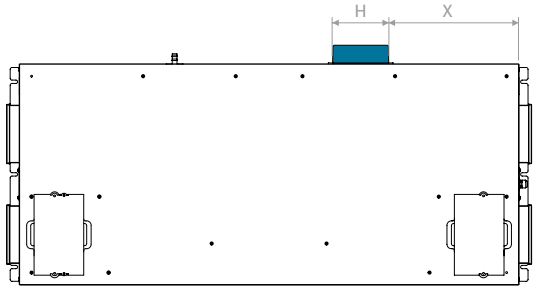
	X	Y	B	H
mm	162	218	81	151

RDCD40SKI



	H	X
mm	151	340

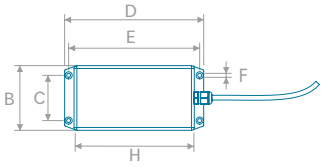
RDCD40SKCI

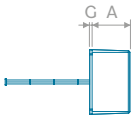


	H	X
mm	151	350

IONIC

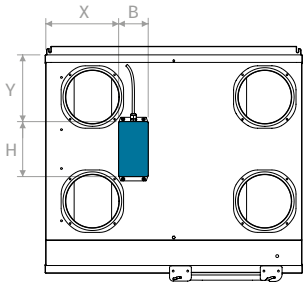
POSITION ET ENCOMBREMENT | POSITIONING AND DIMENSIONS





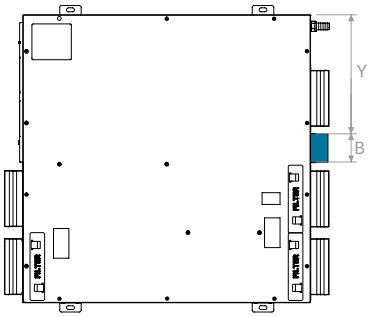
	A	B	C	D	E	ØF	G	H
mm	48	81	57	175	165	5	3	151

RDCD50SHI / RDCD70SHI



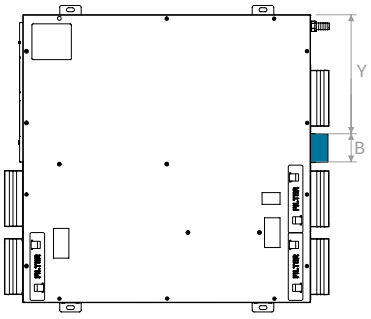
	X	Y	B	H
mm	201	184	81	151

RDCD300HCI



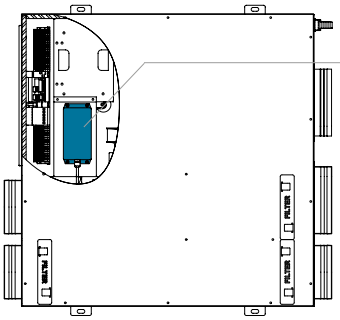
	Y	B
mm	332	81

RDCD300HCHI



	Y	B
mm	332	81

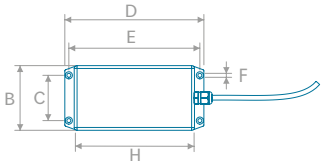
RDCD500HCHI

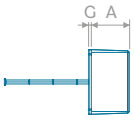


IONIC installé en interne.
Pas d'encombrement extérieur.

IONIC installed internally.
No external encuni encumbrance.

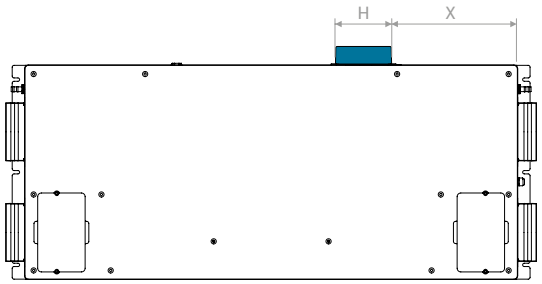
POSITION ET ENCOMBREMENT | POSITIONING AND DIMENSIONS





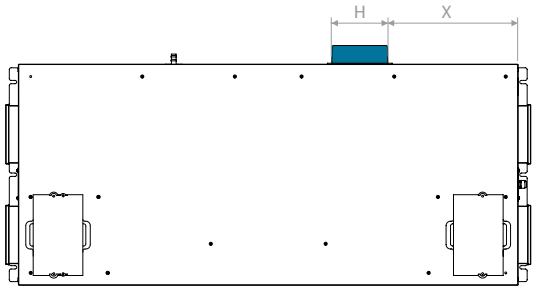
	A	B	C	D	E	ØF	G	H
mm	48	81	57	175	165	5	3	151

RDCD50SKI



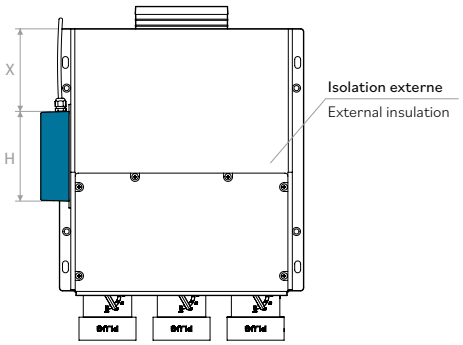
	H	X
mm	151	340

RDCD50SKCI



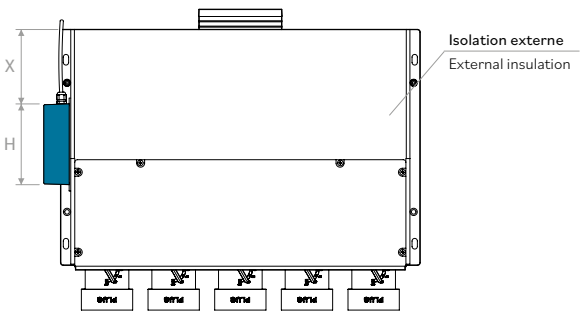
	H	X
mm	151	350

PLUGPVMCSH6I



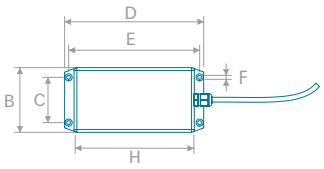
	X	H
mm	140	151

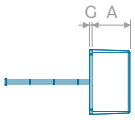
PLUGPVMCSH10I



	X	H
mm	140	151

POSITION ET ENCOMBREMENT | POSITIONING AND DIMENSIONS

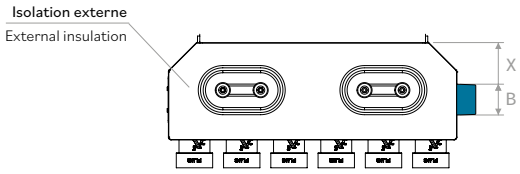


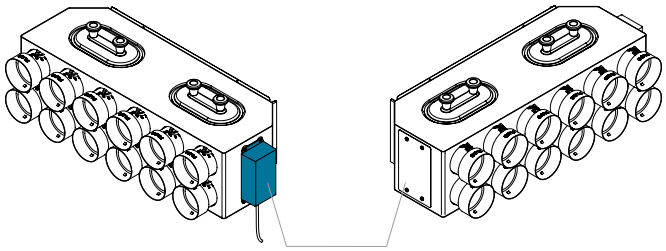


	A	B	C	D	E	ØF	G	H
mm	48	81	57	175	165	5	3	151

PLUGPVMCMRI

	X	B
mm	110	81





Possibilité d'inverser la position du module IONIC en fonction de la configuration des flux d'alimentation/reprise
Possibility of inverting the position of the IONIC module based on the configuration of the supply/return flow

CODES | CODES

Modèle | Model
IONIC
PAVMC*
KIONICDUCT (IONIC+PAVMC)

* Étrier pour l'installation
Mounting bracket