IONIC

NEGATIV-IONEN-IONISATOR

Eigenschaften: Aktives antibakterielles Desinfektionsmodul mit ozonfreier negativer Ionisierung. Ein System, das auf dem Prinzip des Koronaeffekts beruht, bei dem ein elektrischer Strom zwischen einem Leiter mit hohem Potential und einer umgebenden neutralen Flüssigkeit (Luft) fließt. Dieses Verfahren erzeugt eine negative Ionisierung der Luft, ohne einen Lichtbogen zu erzeugen. Der Einsatz dieses Geräts im Luftverteilungssystem führt zu einer Verringerung der mikrobiellen, bakteriellen und viralen Belastungen in der Luft und auf den Kontaktflächen des Systems selbst.

Installation: Luftkanäle aus Metall mit rundem und viereckigem Querschnitt. Klimageräte.

NEGATIVE ION IONIZER

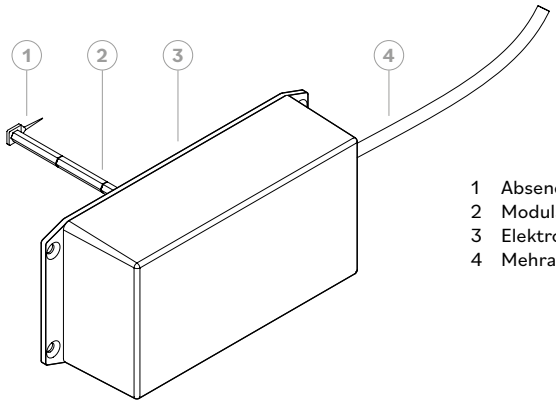
Characteristics: active antibacterial sanitization module with negative ionization without ozone formation. System based on the corona effect principle whereby an electric current flows between a high potential conductor and a surrounding neutral fluid (air). This process creates the negative ionization 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.

PARAMETERBESCHREIBUNG | PARAMETER DESCRIPTION

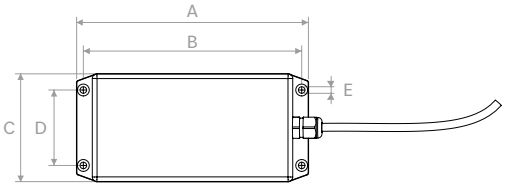
Stromversorgungsspannung Power supply voltage	230VDC ±5%
Maximaler Stromverbrauch Maximum electrical absorption	3W
Ausgangsspannung | Output voltage	-8 ÷ -10kV DC
Ausgangsstrom | Output current	0,15mA
Ausgangsschutz | Output protection	Impedanz 68MΩ
Ionen-Emission | Ion emissions	>5'000'000 pro cm^3 @ 100mm im statischen Modus (während der Belüftung findet eine Ausbreitung in die Luft statt) >5,000,000 per cm3 @ 100mm statically (in the ventilation then propagation in air takes place)
Maximaler Luftdurchsatz | Maximum air flow rate	2000 m^3/h (für Einzelmodul) Möglichkeit zur Erhöhung der Durchflussmenge durch Parallelschaltung mehrerer Module 2000 m^3/h (per single module) possibility to increase the air flow rate by mounting several modules in parallel
Wirkung der Verringerung der mikrobiellen, bakteriellen und viralen Belastung von Kontaktflächen Effect of reducing the microbial, bacterial and viral load obtained on contact surfaces	

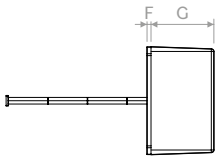
ZEICHNUNGEN | DRAWINGS

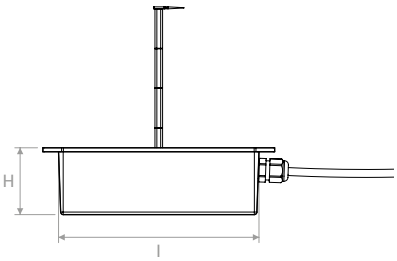


GEWICHT | WEIGHT: 0,7 kg

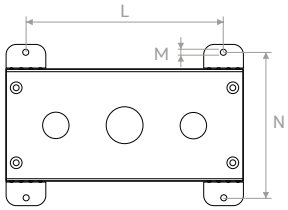
1 **Absendernadel** | Emitter needle
2 **Modulare Antenne** | Modular antenna
3 **Elektronikmodul** | Electronic unit
4 **Mehradriges Stromversorgungskabel** | Connection cable





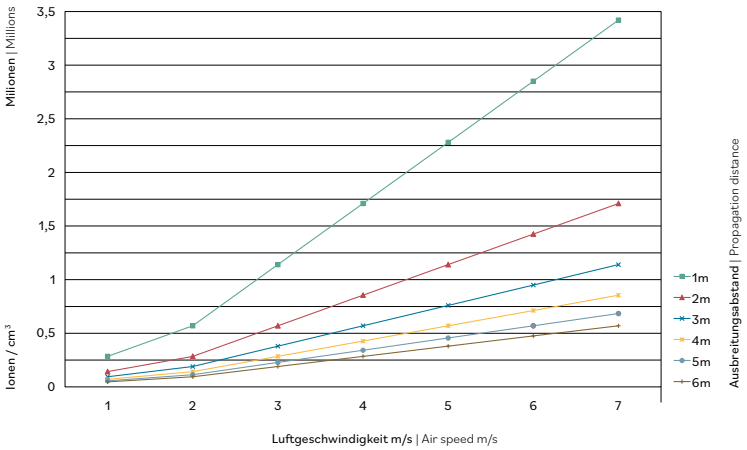


PAVMC

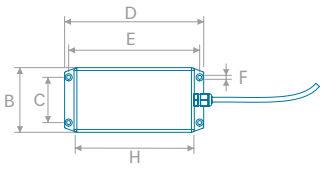


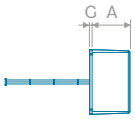
	A	B	C	D	E	F	G	H	I	L	M	N
mm	175	165	81	57	Ø 5	3	48	51	151,5	150	Ø 4,5	111

IONENEMISSION IM KANAL | ION EMISSIONS IN THE DUCT



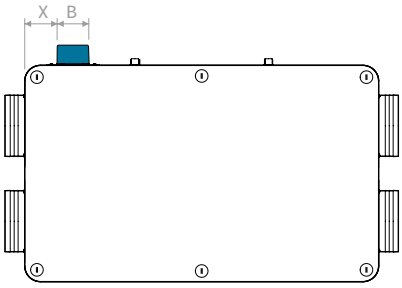
POSITION UND GESAMTABMESSUNGEN | POSITIONING AND DIMENSIONS





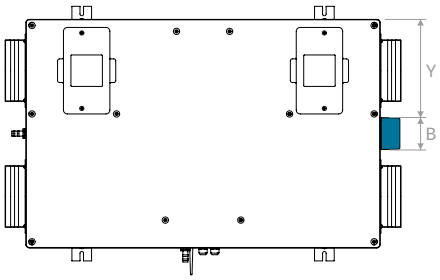
	A	B	C	D	E	ØF	G	H
mm	48	81	57	175	165	5	3	151

RDCD25I



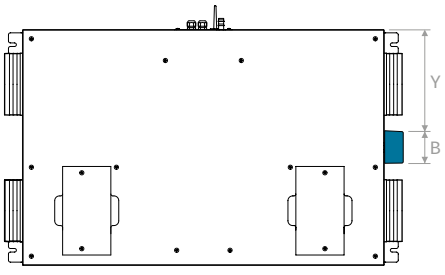
	B	X
mm	81	82

RDCD25SKI



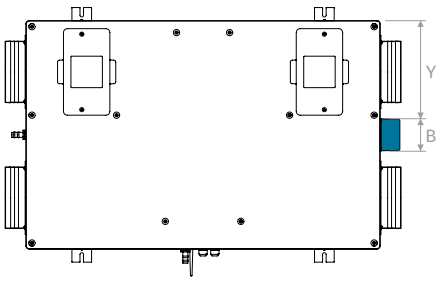
	B	Y
mm	81	250

RDCD25SKCI



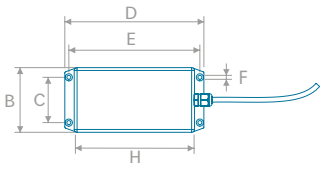
	B	Y
mm	81	257

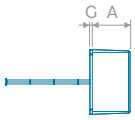
RDCD25SKHI



	B	Y
mm	81	250

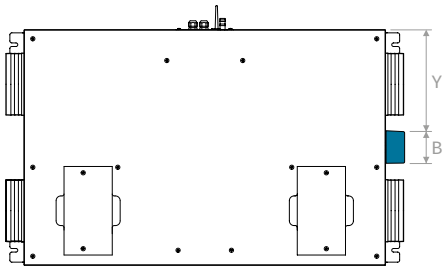
POSITION UND GESAMTABMESSUNGEN | POSITIONING AND DIMENSIONS





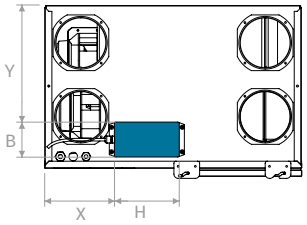
	A	B	C	D	E	ØF	G	H
mm	48	81	57	175	165	5	3	151

RDCD25SKHCI



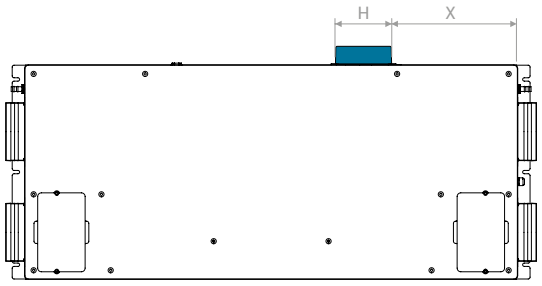
	B	Y
mm	81	257

RDCD30SHI



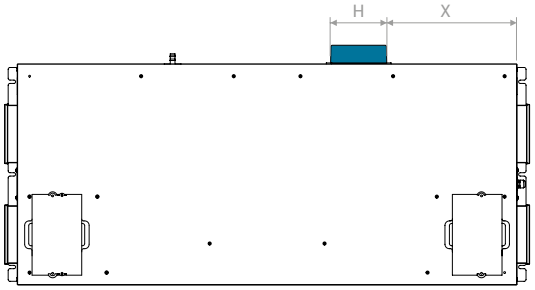
	X	Y	B	H
mm	162	218	81	151

RDCD40SKI



	H	X
mm	151	340

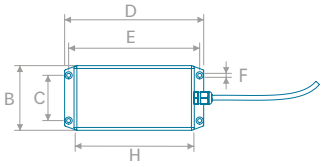
RDCD40SKCI

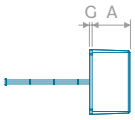


	H	X
mm	151	350

IONIC

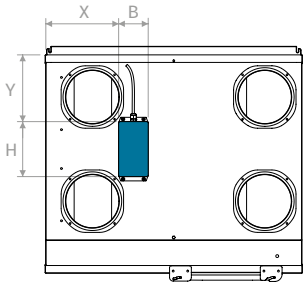
POSITION UND GESAMTABMESSUNGEN | POSITIONING AND DIMENSIONS





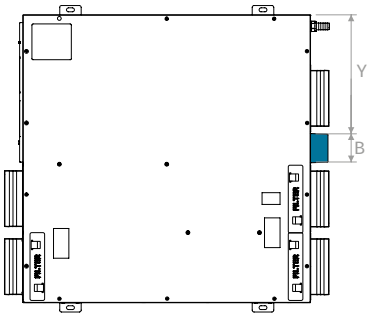
	A	B	C	D	E	ØF	G	H
mm	48	81	57	175	165	5	3	151

RDCD50SHI / RDCD70SHI



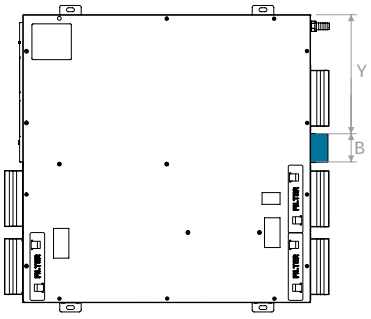
	X	Y	B	H
mm	201	184	81	151

RDCD300HCI



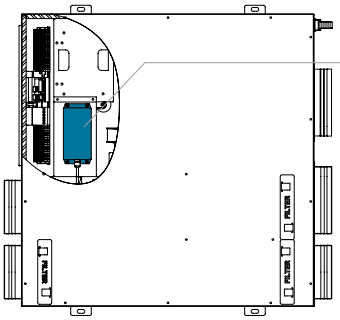
	Y	B
mm	332	81

RDCD300HCHI



	Y	B
mm	332	81

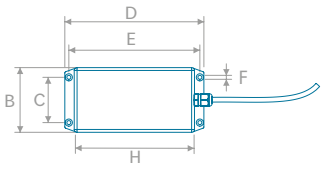
RDCD500HCHI

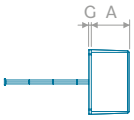


IONIC intern installiert.
Keine externe Gesamtabmessung.

IONIC installed internally.
No external encuni encumbrance.

POSITION UND GESAMTABMESSUNGEN | POSITIONING AND DIMENSIONS

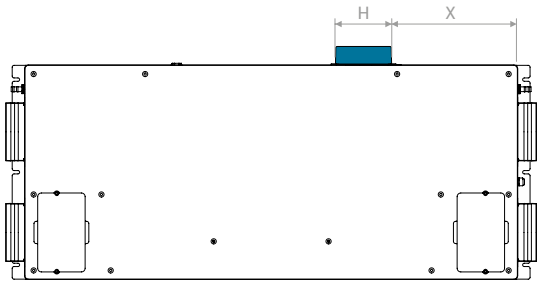




	A	B	C	D	E	ØF	G	H
mm	48	81	57	175	165	5	3	151

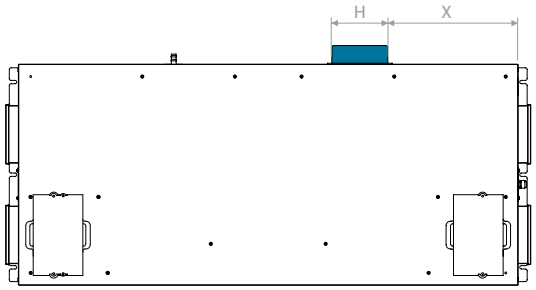
RDCD50SKI

	H	X
mm	151	340



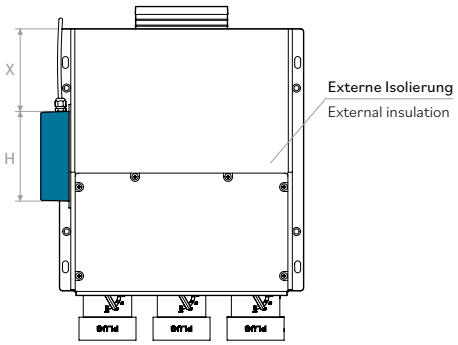
RDCD50SKCI

	H	X
mm	151	350



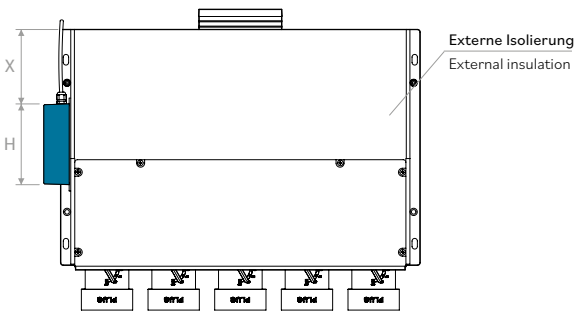
PLUGPVMCSH6I

	X	H
mm	140	151

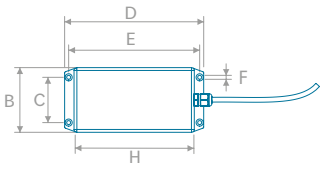


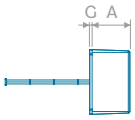
PLUGPVMCSH10I

	X	H
mm	140	151



POSITION UND GESAMTABMESSUNGEN | POSITIONING AND DIMENSIONS

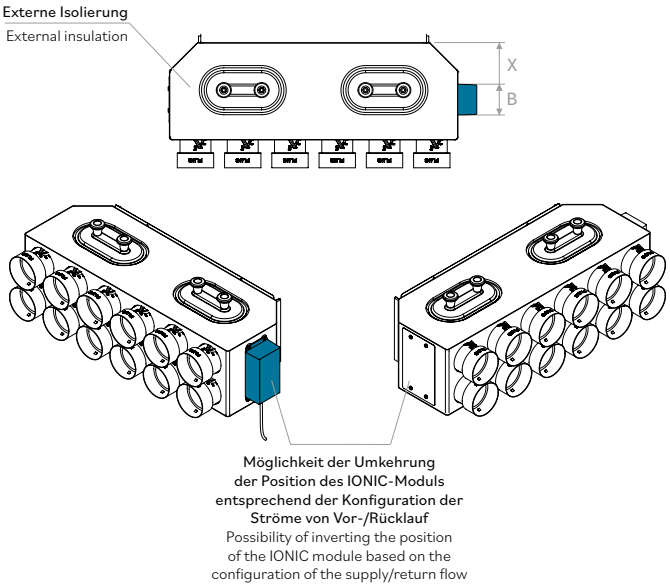




	A	B	C	D	E	ØF	G	H
mm	48	81	57	175	165	5	3	151

PLUGPVMCMRI

	X	B
mm	110	81



Möglichkeit der Umkehrung der Position des IONIC-Moduls entsprechend der Konfiguration der Ströme von Vor-/Rücklauf
Possibility of inverting the position of the IONIC module based on the configuration of the supply/return flow

CODES | CODES

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

* Installationsbügel
Mounting bracket