IONIC

IONIZZATORE A IONI NEGATIVI

Caratteristiche: modulo di sanitizzazione attiva antibatterica con ionizzazione negativa priva di formazione di ozono. Sistema basato sul principio dell'effetto corona per cui una corrente elettrica fluisce tra un conduttore a potenziale elevato ed un fluido neutro circostante (aria). Questo processo crea la ionizzazione negativa dell'aria senza creare un arco elettrico. Utilizzando questo dispositivo nell'impianto di distribuzione aria si ottiene una riduzione delle cariche microbiche, batteriche e virali sia nell'aria che sulle superfici di contatto dell'impianto stesso.

Installazione: canali aria metallici di sezione circolare e quadrangolare. Centrali trattamento aria.

NEGATIVE ION IONIZER

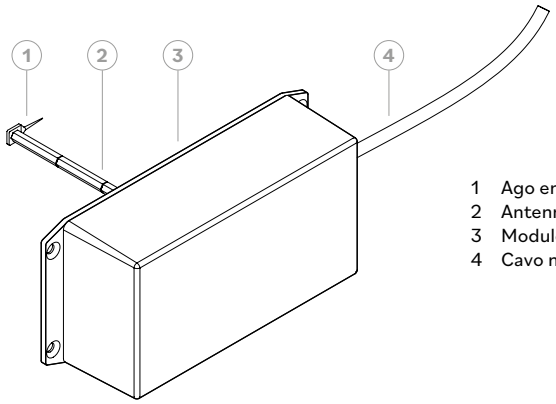
Characteristics: active antibacterial sanitization module with negative ionization without ozone formation. System based on the corona effect principle whereby an electric current flows between a high potential conductor and a surrounding neutral fluid (air). This process creates the negative ionization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

DESCRIZIONE PARAMETRI | PARAMETER DESCRIPTION

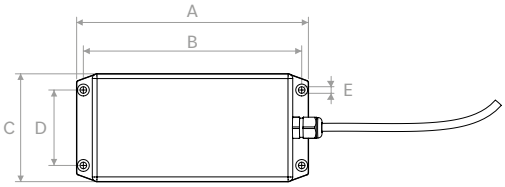
Tensione alimentazione | Power supply voltage	230VDC ±5%
Massimo assorbimento elettrico Maximum electrical absorption	3W
Tensione uscita | Output voltage	-8 ÷ -10kV DC
Corrente uscita | Output current	0,15mA
Protezione uscita | Output protection	Impedenza 68MΩ
Emissione ioni | Ion emissions	**>5'000'000 per cm^3 @ 100mm in modo statico (in fase di ventilazione poi avviene la propagazione in aria)** >5,000,000 per cm3 @ 100mm statically (in the ventilation then propagation in air takes place)
Massima portata aria | Maximum air flow rate	**2000 m^3/h (per singolo modulo) possibilità di aumentare la portata installando più moduli in parallelo** 2000 m^3/h (per single module) possibility to increase the air flow rate by mounting several modules in parallel
Effetto di riduzione delle cariche microbiche, batteriche e virali ottenuto sulle superfici di contatto Effect of reducing the microbial, bacterial and viral load obtained on contact surfaces	

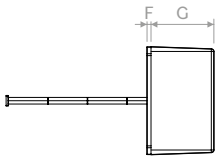
DISEGNI | DRAWINGS

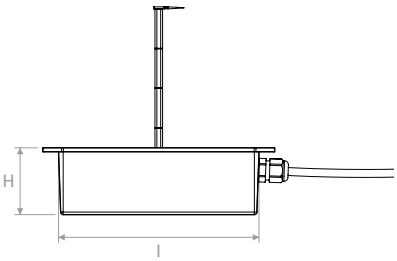


1 **Ago emettitore** | Emitter needle
2 **Antenna modulare** | Modular antenna
3 **Modulo elettronico** | Electronic unit
4 **Cavo multipolare di alimentazione** | Connection cable

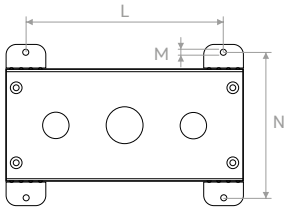
PESO | WEIGHT: **0,7 kg**





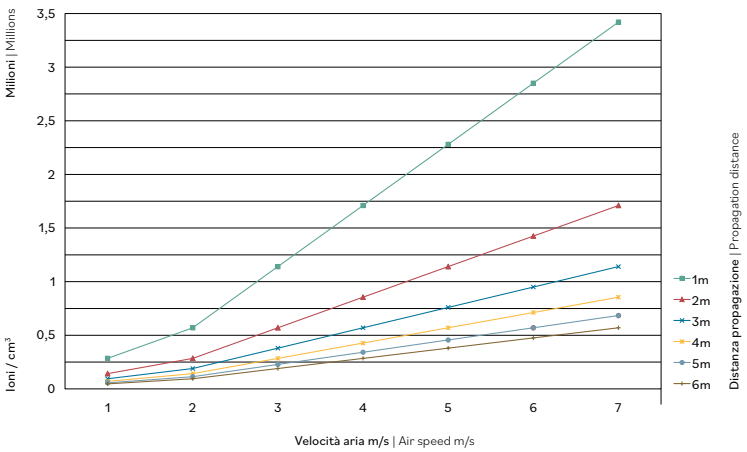


PAVMC

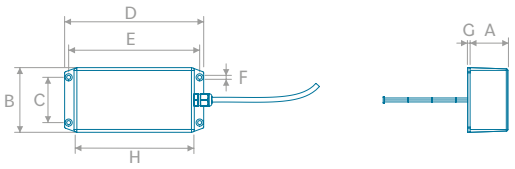


	A	B	C	D	E	F	G	H	I	L	M	N
mm	175	165	81	57	Ø 5	3	48	51	151,5	150	Ø 4,5	111

EMISSIONE DI IONI NEL CANALE | ION EMISSIONS IN THE DUCT

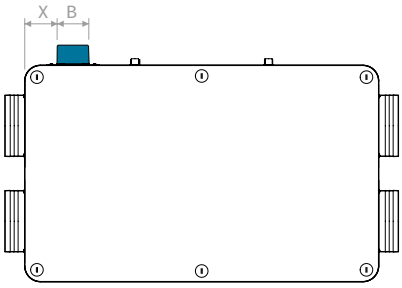


POSIZIONE E INGOMBRO | POSITIONING AND DIMENSIONS



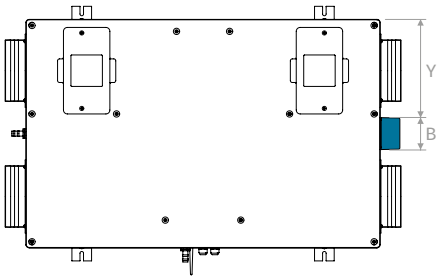
	A	B	C	D	E	ØF	G	H
mm	48	81	57	175	165	5	3	151

RDCD25I



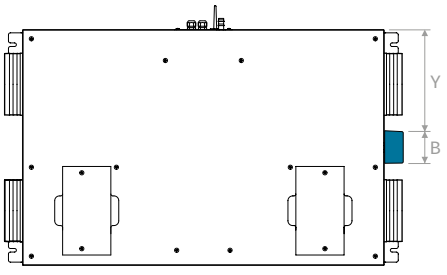
	B	X
mm	81	82

RDCD25SKI



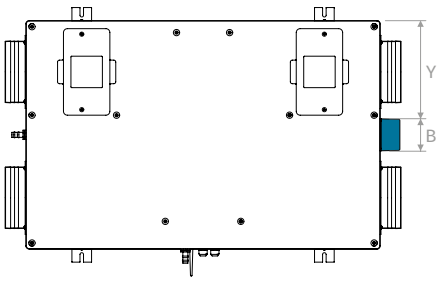
	B	Y
mm	81	250

RDCD25SKCI



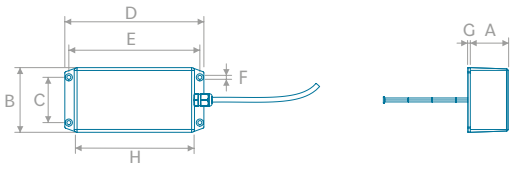
	B	Y
mm	81	257

RDCD25SKHI



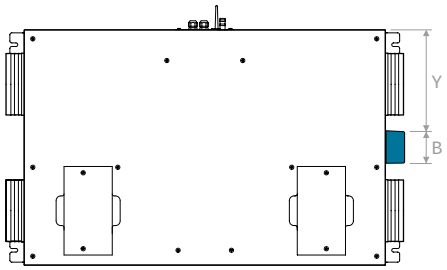
	B	Y
mm	81	250

POSIZIONE E INGOMBRO | POSITIONING AND DIMENSIONS



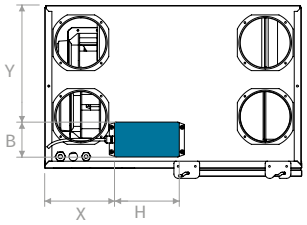
	A	B	C	D	E	ØF	G	H
mm	48	81	57	175	165	5	3	151

RDCD25SKHCI



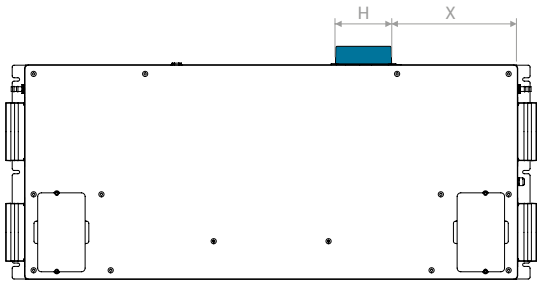
	B	Y
mm	81	257

RDCD30SHI



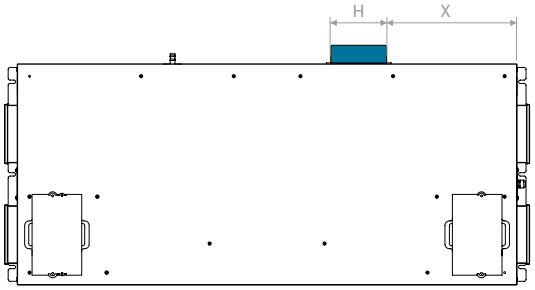
	X	Y	B	H
mm	162	218	81	151

RDCD40SKI



	H	X
mm	151	340

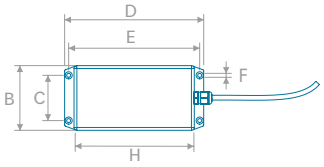
RDCD40SKCI

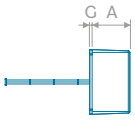


	H	X
mm	151	350

IONIC

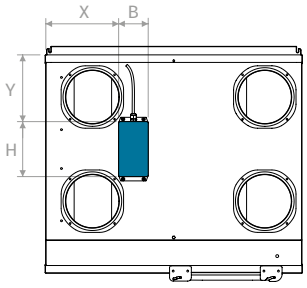
POSIZIONE E INGOMBRO | POSITIONING AND DIMENSIONS





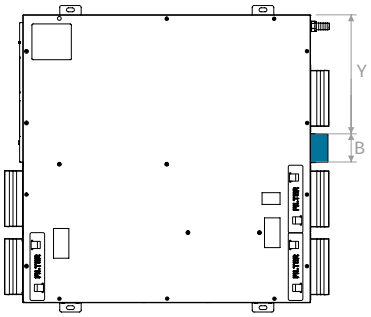
	A	B	C	D	E	ØF	G	H
mm	48	81	57	175	165	5	3	151

RDCD50SHI / RDCD70SHI



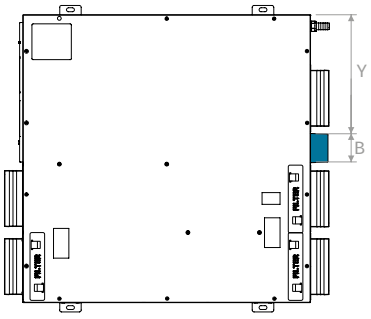
	X	Y	B	H
mm	201	184	81	151

RDCD300HCI



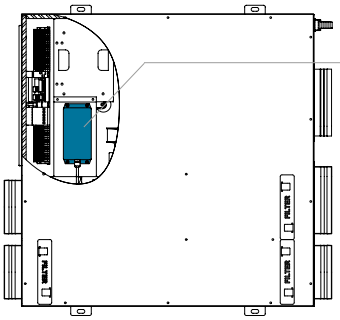
	Y	B
mm	332	81

RDCD300HCHI



	Y	B
mm	332	81

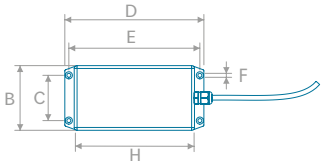
RDCD500HCHI

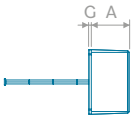


IONIC installato internamente.
Nessun ingombro esterno.

IONIC installed internally.
No external encuni encumbrance.

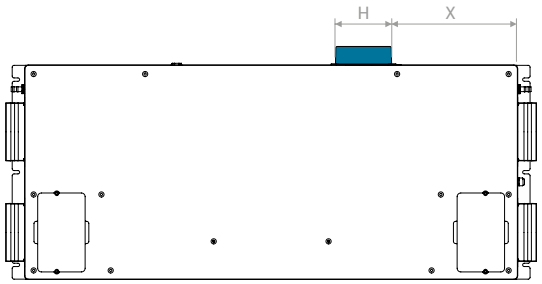
POSIZIONE E INGOMBRO | POSITIONING AND DIMENSIONS





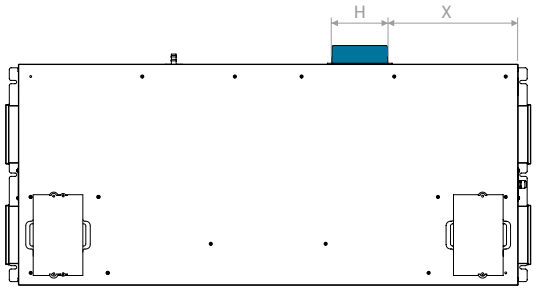
	A	B	C	D	E	ØF	G	H
mm	48	81	57	175	165	5	3	151

RDCD50SKI



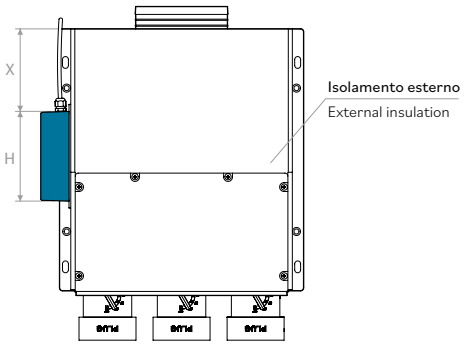
	H	X
mm	151	340

RDCD50SKCI



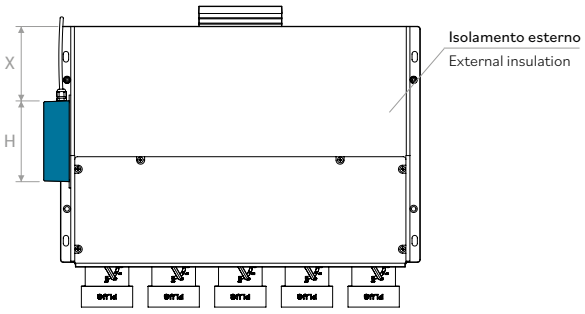
	H	X
mm	151	350

PLUGPVMCSH6I



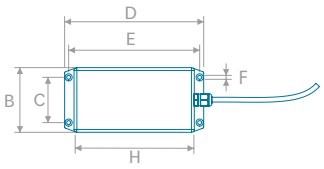
	X	H
mm	140	151

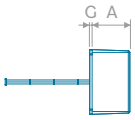
PLUGPVMCSH10I



	X	H
mm	140	151

POSIZIONE E INGOMBRO | POSITIONING AND DIMENSIONS

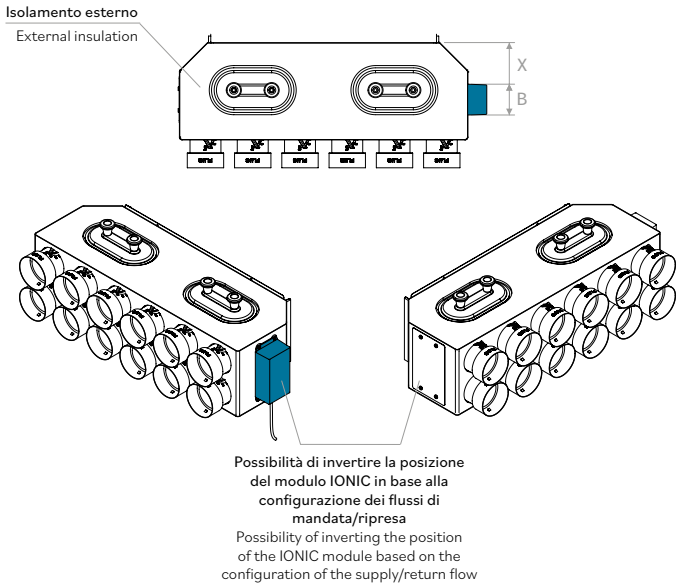




	A	B	C	D	E	ØF	G	H
mm	48	81	57	175	165	5	3	151

PLUGPVMCMRI

	X	B
mm	110	81



Possibilità di invertire la posizione del modulo IONIC in base alla configurazione dei flussi di mandata/ripresa
Possibility of inverting the position of the IONIC module based on the configuration of the supply/return flow

CODICI | CODES

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

* Staffa per installazione
Mounting bracket