

EVVCIN Industrial surface-mounted air curtain



Descrizione

Industrial air curtain for surface-mounted installation.

Caratteristiche

- Air flow rate up to 18,500 m³/h;
- Maximum installation height 6 m;
- Horizontal and vertical installation.

Use

High-performance industrial air curtains, designed for use in industrial buildings, storage areas, hangars, garages and cold stores. The airflow effectively protects openings up to 6 metres high. When installed vertically alongside the door, fitting two air curtains opposite each other protects openings up to 12 metres wide.

Lengths

Lengths: 1,65 m - 2,2 m - 2,75 m.

Versions

- S0 - Without heating;
- E1 - With Electric Battery;
- V2 - With Water Coil .

Versions with electric heating: power supply V400 / 3 / 50;

Water-cooled versions or versions without heating: power supply V230 / 1 / 50.

Technical Data

(1) Air flow rates measured in accordance with ISO 27327-1

(2) Sound pressure levels in accordance with ISO 27327-2 at distances of 3 and 5 m at maximum speed. Directional factor: Q = 2

Models	Number of Fans	Heating Type	Airflow Rate (1)	Sound Pressure Level ²		Heating Capacity	Riscaldatore elettrico	Motori	Weight
			m ³ /h	3 m dB(A)	5 m dB(A)	kW	V/A	V/A	Kg
EVVCIN1A150-S0AG		senza riscaldamento	11550	67,5	63,0	-	-	230 / 3,9	51
EVVCIN1A150-V2AG		Water	10300	67,5	63,1	75,2	-	230 / 3,9	60
EVVCIN1A150-E1AC	3	Elettrica	11550	67,5	63,0	24,3	400 / 35,2	230 / 3,9	55
EVVCIN1A200-S0AC	4	senza riscaldamento	15100	39,3	64,9	-	-	230 / 5,1	69
EVVCIN1A200-V2AC	4	Water	13700	68,4	64,0	101,0	-	230 / 5,4	78
EVVCIN1A200-E1AC	4	Elettrica	15100	69,3	64,9	32,4	400 / 47,0	230 / 5,1	74
EVVCIN1A250-S0AC	5	senza riscaldamento	18500	71,1	66,7	-	-	230 / 6,5	83
EVVCIN1A250-V2AC	5	Water	17000	70,0	65,5	127,0	-	230 / 6,7	98
EVVCIN1A250-E1AC	5	Elettrica	18500	71,1	66,7	40,5	400 / 58,6	230 / 6,5	89

Parametri batterie elettriche

(1) Air flow rates measured in accordance with ISO 27327-2

* At maximum air flow rate and maximum electrical power.

Models	Airflow Rate (1)	Heating Capacity	Incremento temperatura aria*
	m ³ /h	kW	°C
EVVCIN1A150-E1AC	11550	24,3	6,3
EVVCIN1A200-E1AC	15100	32,4	6,4
EVVCIN1A250-E1AC	18500	40,5	6,5

Performance of water coils with thermal jump 60/40 ° C

(1) Air flow rates measured in accordance with ISO 27327-2

* With an inlet air temperature of +15 °C.

Models	Airflow Rate (1)	Heating Power*	Supply Air Temperature	Water Flow Rate	Pressure Drop
	m ³ /h	kW	°C	l/s	kPa
EVVCIN1A150-V2AC	10300	37,6	26,1	0,45	8
EVVCIN1A200-V2AC	13700	50,2	26,2	0,61	7
EVVCIN1A250-V2AC	17000	62,7	26,2	0,76	5

Performance of water coils with thermal jump 70/50 ° C

(1) Air flow rates measured in accordance with ISO 27327-2

* With an inlet air temperature of +15 °C.

Models	Airflow Rate (1)	Heating Power*	Supply Air Temperature	Water Flow Rate	Pressure Drop
	m ³ /h	kW	°C	l/s	kPa
EVVCIN1A150-V2AC	10300	50,4	30,1	0,61	13
EVVCIN1A200-V2AC	13700	67,6	30,2	0,82	9
EVVCIN1A250-V2AC	17000	84,5	30,4	1,03	9

Performance of water coils with thermal jump 80/60 ° C

(1) Air flow rates measured in accordance with ISO 27327-2

* With an inlet air temperature of +15 °C.

Models	Airflow Rate (1)	Heating Power*	Supply Air Temperature	Water Flow Rate	Pressure Drop
	m ³ /h	kW	°C	l/s	kPa
EVVCIN1A150-V2AC	10300	62,9	34,1	0,76	18
EVVCIN1A200-V2AC	13700	84,6	34,3	1,03	14
EVVCIN1A250-V2AC	17000	106	34,5	1,29	11

Performance of water coils with thermal jump 90/70 ° C

(1) Air flow rates measured in accordance with ISO 27327-2

* With an inlet air temperature of +15 °C.

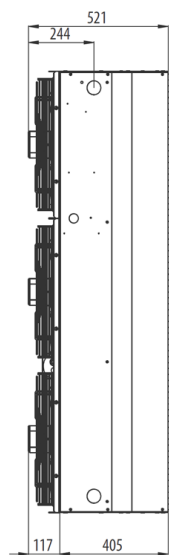
Models	Airflow Rate (1)	Heating Power*	Supply Air Temperature	Water Flow Rate	Pressure Drop
	m ³ /h	kW	°C	l/s	kPa
EVVCIN1A150-V2AC	10300	75,2	38,1	0,92	24
EVVCIN1A200-V2AC	13700	101	38,4	1,24	17
EVVCIN1A250-V2AC	17000	127	38,7	1,55	15

Performance of superheated water coils with temperature difference 110/80 ° C

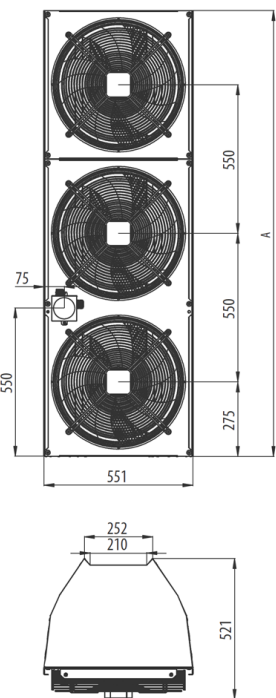
(1) Air flow rates measured in accordance with ISO 27327-2

* With an inlet air temperature of +15 °C.

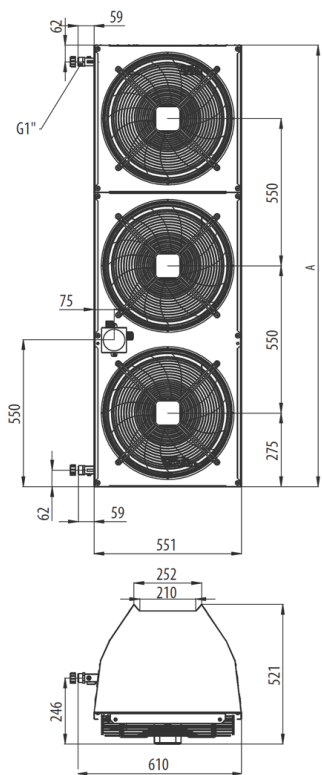
Models	Airflow Rate (1)	Heating Power*	Supply Air Temperature	Water Flow Rate	Pressure Drop
	m ³ /h	kW	°C	l/s	kPa
EVVCIN1A150-V2AC	10300	91,3	43,6	0,75	16
EVVCIN1A200-V2AC	13700	123	43,9	1	12
EVVCIN1A250-V2AC	17000	154	44,3	1,26	10



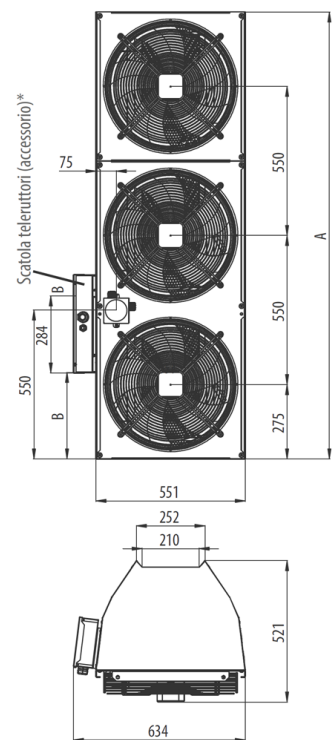
SENZA RISCALDAMENTO
(VERSIONE S0)



CON RISCALDAMENTO AD ACQUA
(VERSIONE V2)



CON RISCALDAMENTO ELETTRICO
(VERSIONE E1)



Models	A
	mm
EVVCIN1A150	1650
EVVCIN1A200	2200
EVVCIN1A250	2750

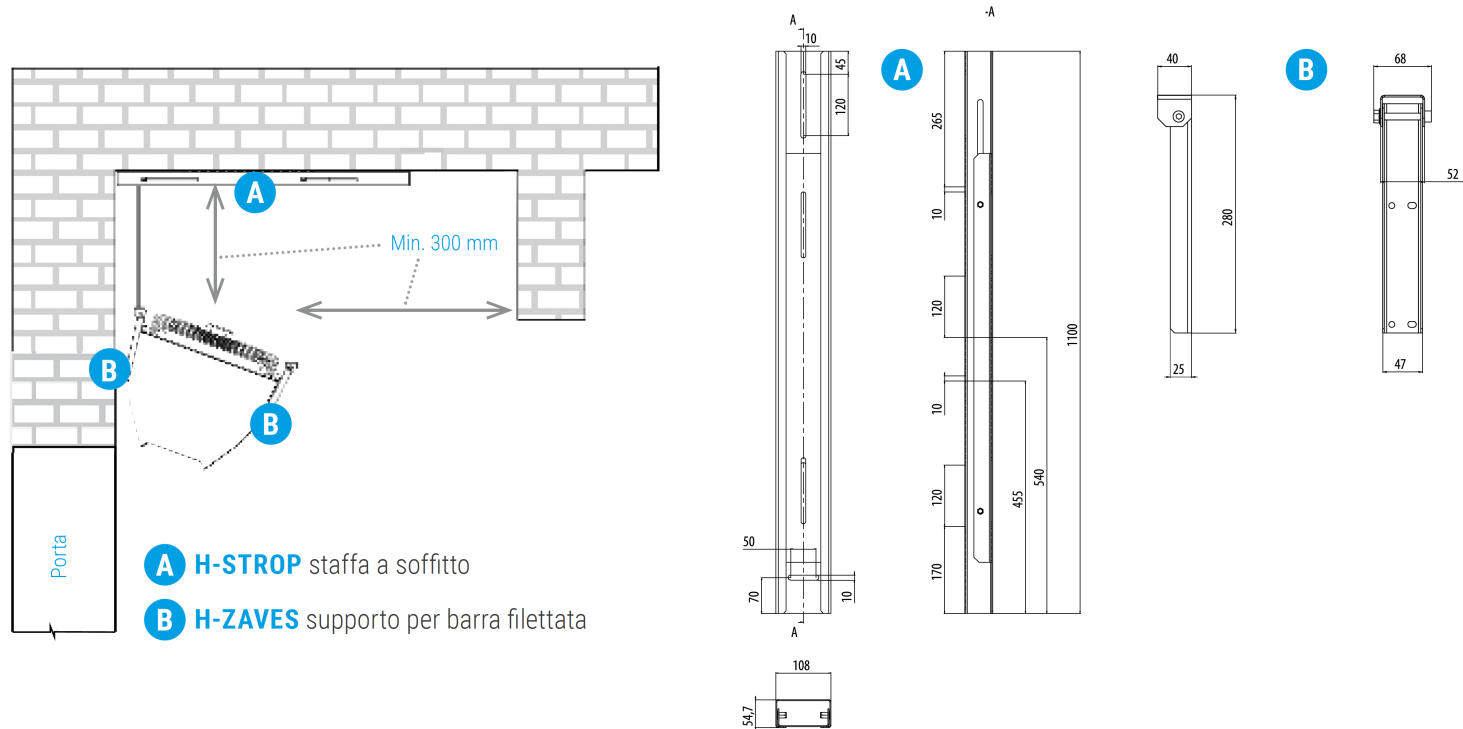
Regulations

For the EVCP13 configuration, add one contactor box for each air blade:

- EVSTYKAC-25 For air blades 150 and 200 in length;
- EVSTYKAC-40 For air blades 250 in length.

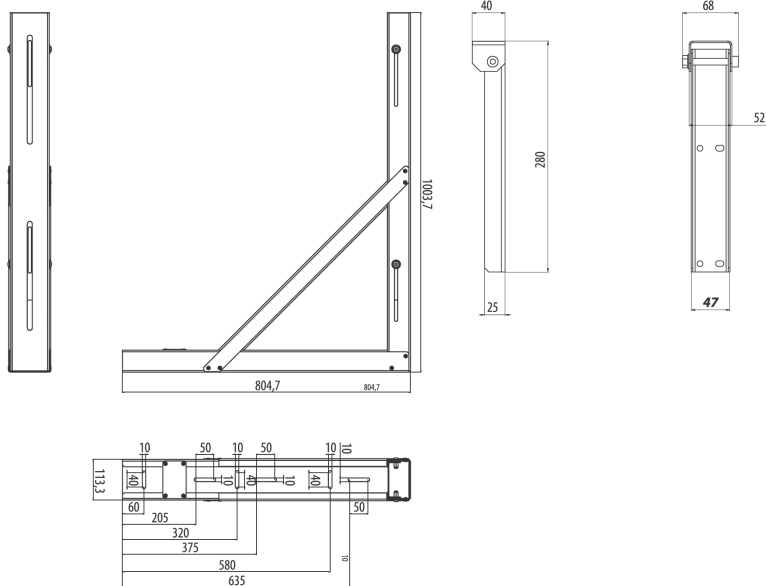
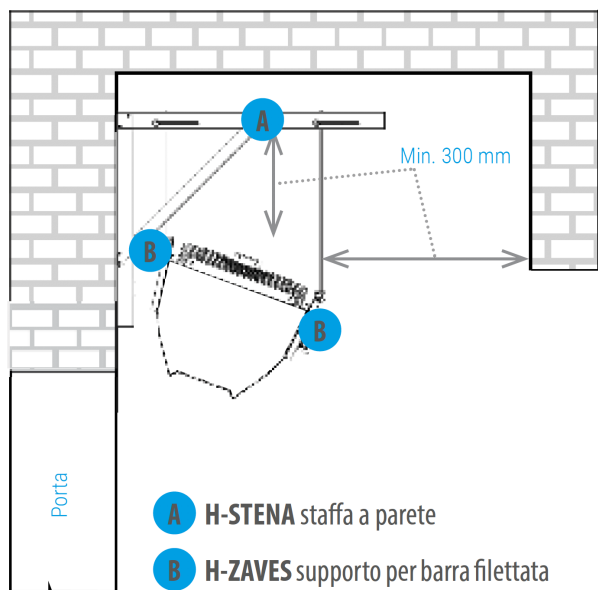
	EVCP13	EVSTRA1-050	EVSTRA1-075	EVSTRA1-160
Tipo di controllo	Manual	Manual	Manual	Manual
Numero massimo ventilatori	13	3	5	12
Regolazione portata aria	no	5 velocità	5 velocità	5 velocità
Possibilità connessione contatto porta	si	si (aggiungere un timer di ritardo spegnimento sul fine corsa, componente a carico dell'installatore).		
Controllo esterno	si	si	si	si
Indicazione intervallo di manutenzione	no	si	si	si
Controllo riscaldamento	si	no	no	no

Ceiling mounting kit for horizontal installation



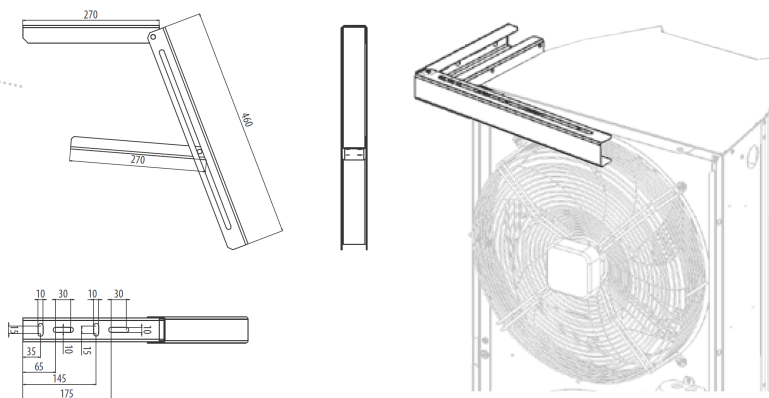
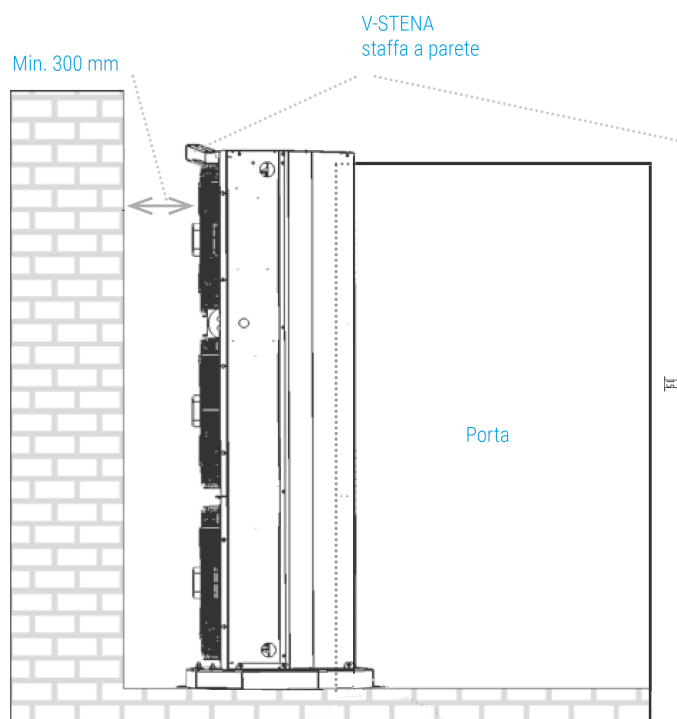
H-STROP kit supporto a soffitto, composto da 1 staffa a soffitto **A** e 2 supporti per barra filettata **B**

Wall-mounting kit for horizontal installation



H-STENA kit supporto a parete, composto da 1 staffa a 90° **A** e 2 supporti per barra filettata **B**

Vertical mounting kit

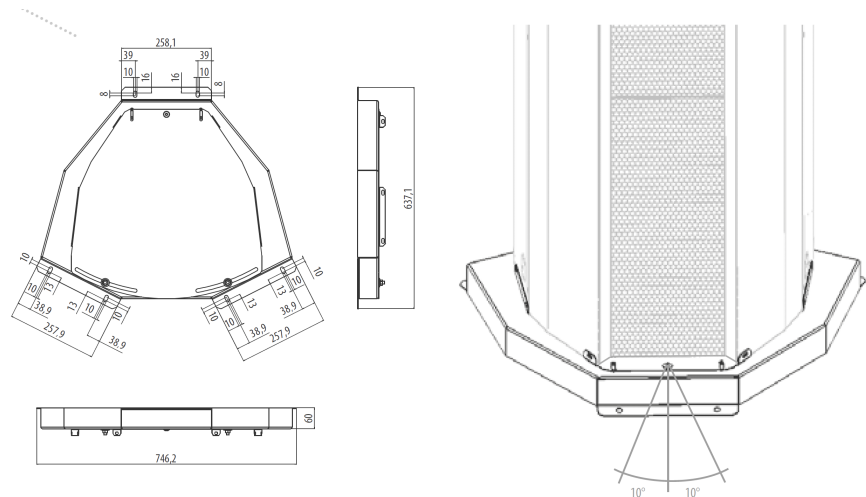


Codice: EVVCIN1-KOT-V-STENA

L'altezza massima di barriere che si possono sovrapporre usando le staffe descritte in questa pagina è di 6,5 metri. Per altezze maggiori, il sistema di fissaggio non viene fornito

V-PODST
piedistallo orientabile

Piedistallo per il fissaggio della barriera sul pavimento,
con possibilità di rotazione massima di 20°.



Price list

Models	Airflow	Width	Heating	Power	Euro
	m³/h	mm			
EVVCIN1A150-S0AC	11550	1650	Without	-	-
EVVCIN1A200-S0AC	15100	2200	Without	-	-
EVVCIN1A250-S0AC	18500	2750	Without	-	-
EVVCIN1A150-E1AC	11550	1650	Electric	24,3	-
EVVCIN1A200-E1AC	15100	2200	Electric	32,4	-
EVVCIN1A250-E1AC	18500	2750	Electric	40,5	-
EVVCIN1A150-V2AC	10300	1650	Water	62,9	-
EVVCIN1A200-V2AC	13700	2200	Water	84,6	-
EVVCIN1A250-V2AC	17000	2750	Water	106,0	-

Access price list

Models	Description	Euro
EVVCIN1-KOT-H-STROP	Ceiling mounting kit for horizontal installation	-
EVVCIN1-KOT-H-STENA	Wall-mounting kit for horizontal installation	-
EVVCIN1-KOT-H-ZAVES	Barrier mounting bracket with threaded rods (not supplied)	-
EVVCIN1-KOT-V-STENA	Wall bracket for vertical mounting	-
EVVCIN1-KOT-V-ZEM	Fixed bracket for vertical mounting (2 pieces)	-
EVVCIN1-KOT-V-PODST	Swivelling pedestal for vertical mounting	-
EVSTRA1-050L22	5-speed controller, 5 amps (max. 3 fans)	-
EVSTRA1-075L22	5-speed controller, 7,5 amps (max. 3 fans)	-
EVSTRA1-160L20	5-speed controller, 16 amps (max. 3 fans)	-
EVVCIN-CP13	Single-speed control unit for barriers and heaters (up to 13 fans)	-
EVSTYKAC-25	Electrical resistance contactor box for barriers Models 150 and 200 (1 for barrier)	-
EVSTYKAC-40	Electrical resistance contactor box for barriers Models 250 (1 for barrier)	-
EVDS	Door-opening switch	-
EVFI-PYTEL-KRUH	Fan filter	-