



PACi NX Jet Air Stream

1. Rješenje za uštedu energije za cjelogodišnje grijanje i hlađenje u velikim i visokim prostorima

- Visoka sezonska učinkovitost: $\eta_{s,c}$ 250% u hlađenju i $\eta_{s,h}$ 155% u grijanju (25kW model).

2. Visoka distribucija zraka za velike prostore

- Velika količina zraka do 5000 m³/h
- Duga maksimalna udaljenost izbacivanja zraka od 30 m

3. Optimalna udobnost uz Smart Jet - samousmjeravajuće mlaznice

- Precizna kontrola temperature
- Sprječavanje raslojavanja i održavanje idealne temperature isključivo u prostoru boravka



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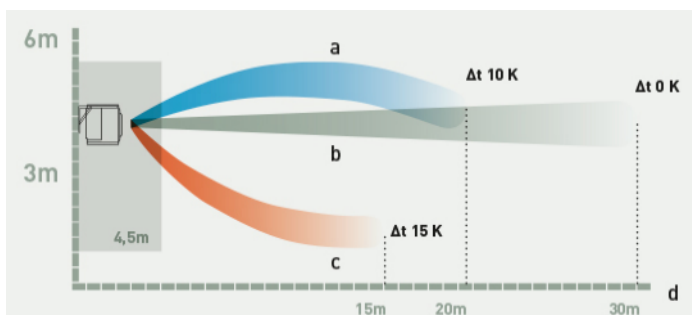


For the large spaces that require high air distribution

**Jet Air Stream: Savršeno za velike prostore s visokim stropovima**

Veliki prostori često se griju bojlerima i jediničnim grijačima, koji su neučinkoviti, bučni, složeni i skupi sustavi na fosilna goriva koji rijetko nude integraciju ljetnog hlađenja.

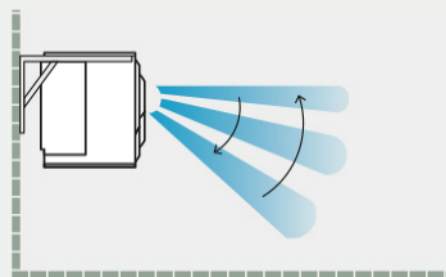
Jet Air Stream pruža učinkovito i održivo rješenje za cjelogodišnje grijanje i hlađenje u velikim prostorima. Osigurava optimalnu udobnost korisnika, tiho okruženje i puno ga je lakše instalirati od drugih sustava.

**Velika udaljenost protoka zraka**

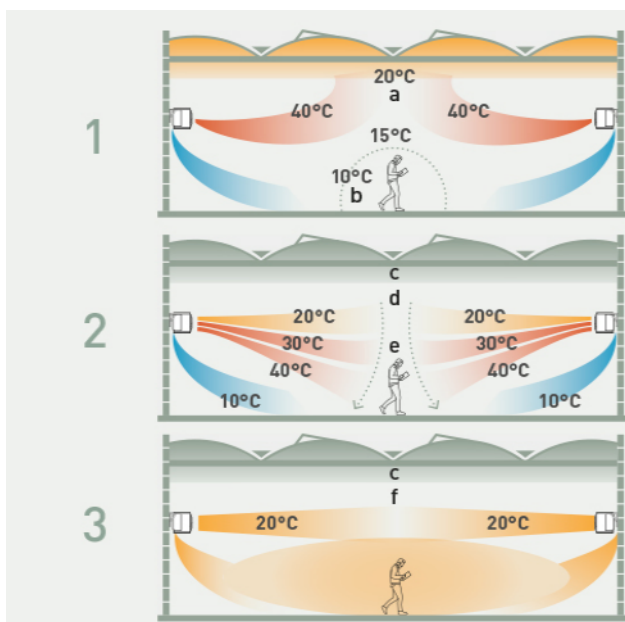
Velika količina zraka s velikom udaljenosti protoka zraka do 30 m osigurava optimalnu udobnost za velike prostore poput skladišta i teretana.

Minimalno ograničenje ugradnje: 3 m - Maksimalno ograničenje ugradnje: 6 m

a: Domet tijekom predhlađenja - b: Domet na zadanoj točki - c: Domet tijekom predgrijanja - d: Maksimalna domet.

**Smart Jet - samousmjeravajuće mlaznice**

Jet Air Stream Smart modeli osiguravaju optimalnu udobnost sprječavajući gubitak topline. Pokreti mlaznica dinamički se prilagođavaju ulaznoj temperaturi zraka, sprječavajući raslojavanje i održavajući idealnu temperaturu isključivo u prostoru u kojem se nalazi.

**Jet Air Stream Smart 3-stupanjski rad u grijanju**

1. Predgrijavanje. Nakon pokretanja, Jet Air Stream Smart usmjerava mlaznice vodoravno, sprječavajući da još ne topao zrak puše u ljude.

2. Brzo zagrijavanje. Nakon što zrak postigne idealnu temperaturu, snaga je maksimalna, a mlaznice su usmjerene prema dolje, osiguravajući brzo zagrijavanje okupiranog područja.

3. Održavanje s efektom zračne oštrice. Jet Air Stream Smart prilagođava snagu nakon što se postigne željena temperatura. Time se mlaznice poravnavaju vodoravno, stvarajući 'zračnu oštricu' kao toplinsku barijeru za optimizaciju raspodjele topline i sprječavanje širenja prema gore.

a: Stratifikacija zraka - b: Hladno područje oko radnika - c: Volumen nije tretiran - d: Predgrijavanje - e: Brzo zagrijavanje - f: Efekt zračne oštrice.

U načinu hlađenja, logika rada mlaznice je invertirana dok se ne postigne zadana vrijednost

Product and accessories

Jet Air Stream: Dostupan u tri verzije

1. Jet Air Stream Smart (samousmjeravajuće mlaznice)

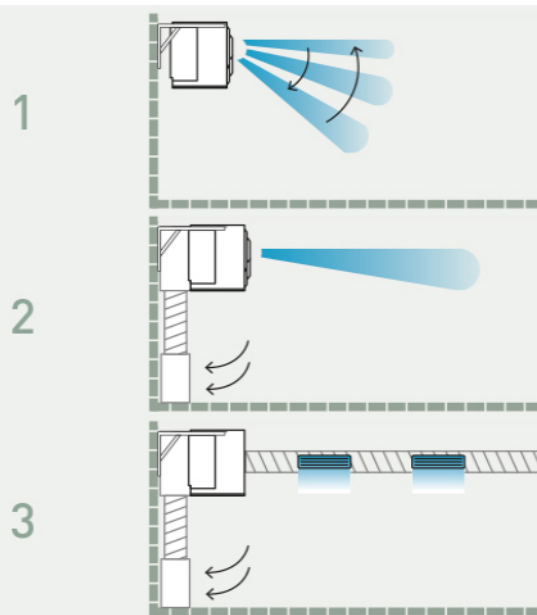
- Model P-VTVF140MC5-PE. Protok zraka: 2500m³/h.
Kompatibilan vanjski: U-140PZH4E5/8
- Model P-VTVF250MC5-PE. Protok zraka: 5000m³/h.
Kompatibilan vanjski: U-250PZH4E8

2. Jet Air Stream Standard (ručne mlaznice)

- Model P-VTVF140NC5-PE. Protok zraka: 2500m³/h.
Kompatibilan vanjski: U-140PZH4E5/8
- Model P-VTVF250NC5-PE. Protok zraka: 5000m³/h.
Kompatibilan vanjski: U-250PZH4E8

3. Jet Air Stream Ducted (prednja ploča s kanalima)

- Model P-VTVF140PC5-PE. Protok zraka: 2500m³/h.
Kompatibilan vanjski: U-140PZH4E5/8
- Model P-VTVF250PC5-PE. Protok zraka: 5000m³/h.
Kompatibilan vanjski: U-250PZH4E8



Pribor

- PCZ-AHRX0012:** Kontroler ploče osjetljive na dodir s Modbus integracijom i grupnom kontrolom do 8 jedinica.
- PCZ-AHRP0681:** Ugradbena kutija za kontroler.
- PCZ-AHRX0051:** Kanalski plenum za usis zraka (1xDN 355 mm) za VTVF140N i VTVF140P.
- PCZ-AHRX0052:** Kanalski plenum za usis zraka (2xDN 355 mm) za VTVF250N i VTVF250P.
- PCZ-AHRX0061:** Prizemni modul za usis zraka (VTVF250 zahtijeva dva modula).
- PCZ-AHRX0071:** Rešetka za dovod zraka za kanale.

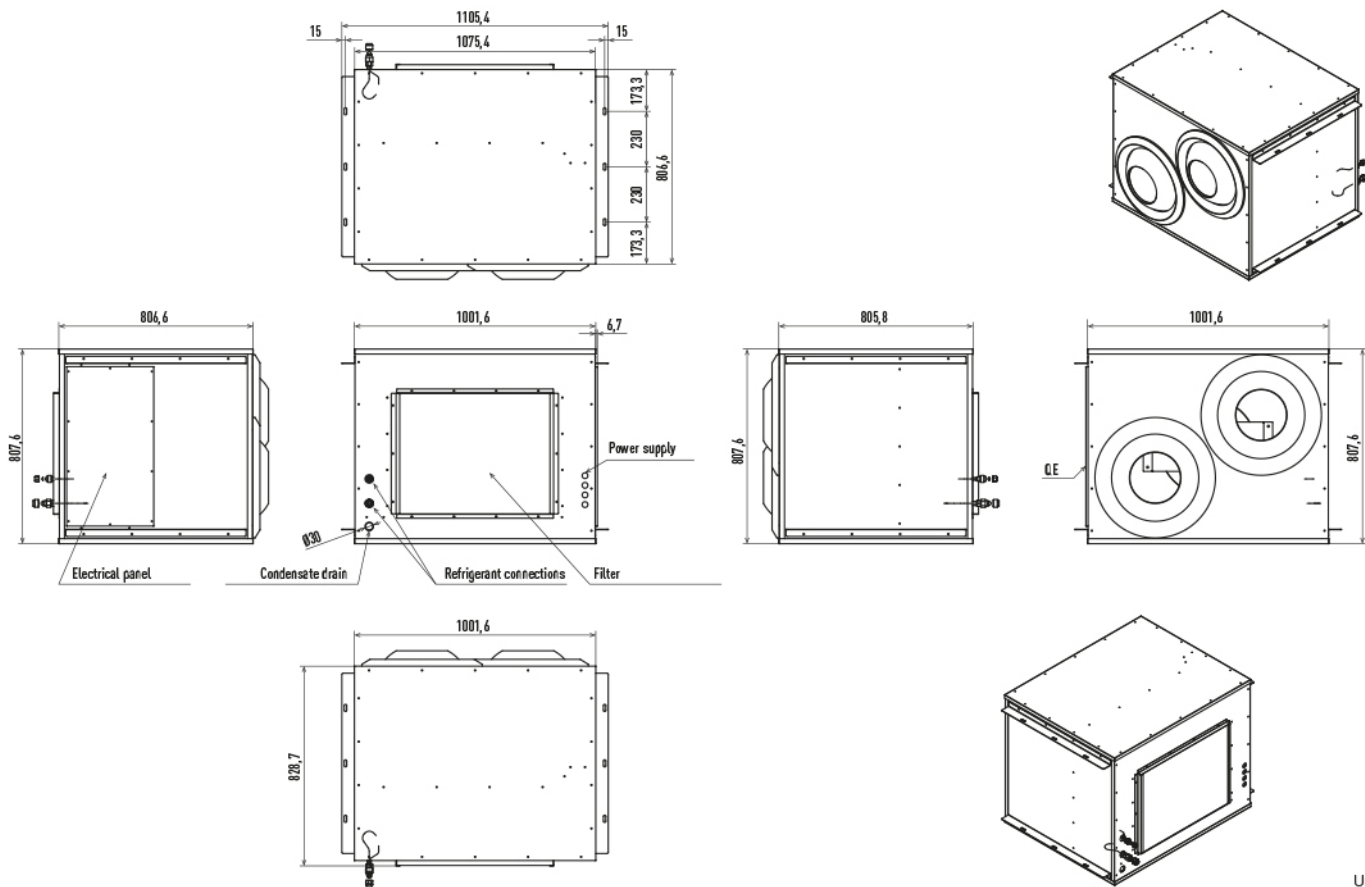


NX Series Jet Air Stream

NX Series Jet Air Stream		JEDNOFAZNO	TROFAZNO	
		14.0 kW	14.0 kW	25.0 kW
Kit		KIT-140MC5ZH5	KIT-140MC5ZH8	KIT-250MC5ZH8
Remote controller		PCZ-AHRX0012	PCZ-AHRX0012	PCZ-AHRX0012
Cooling capacity (Nominal)	kW	13,4	13,4	22,0
Cooling capacity (Min)	kW	3,3	3,3	6,1
Cooling capacity (Max)	kW	15,3	15,3	25,6
EER (Nominal) (1)	W/W	3,38	3,38	2,74
EER (Min) (1)	W/W	2,59	2,59	2,49
EER (Max) (1)	W/W	4,18	4,18	4,88
Heating capacity (Nominal)	kW	15,3	15,3	24,0
Heating capacity (Min)	kW	3,3	3,3	5,5
Heating capacity (Max)	kW	17,4	17,4	27,6
COP (Nominal) (1)	W/W	3,33	3,33	3,55
COP (Min) (1)	W/W	3,10	3,10	3,07
COP (Max) (1)	W/W	4,29	4,29	4,78
Indoor unit		P-VTVF140MC5-PE	P-VTVF140MC5-PE	P-VTVF250MC5-PE
External static pressure	Pa	170	170	170
Air flow	m³/min	2.500	2.500	5.000
Indoor dimension (Height)	mm	802	802	1.026
Indoor dimension (Width)	mm	1.010	1.010	1.360
Indoor dimension (Depth)	mm	893	893	953
Indoor net weight	kg	75	75	97
Outdoor unit		U-140PZH4E5	U-140PZH4E8	U-250PZH4E8
Power supply (Voltage)	V	220 - 230 - 240 (prikaz, znanstveni).	380 - 400 - 415 (prikaz, znanstveni).	380 - 400 - 415 (prikaz, znanstveni).
Power supply (Phase)		Jednofazni	Trofazni	Trofazni
Power supply (Frequency)	Hz	50	50	50
Recommended fuse	A	40	16	30
Outdoor sound pressure (Cool -Hi)	dB(A)	56	56	59
Outdoor sound pressure (Heat -Hi)	dB(A)	56	56	63
Outdoor dimension (Height)	mm	996	996	996
Outdoor dimension (Width)	mm	980	980	1.140
Outdoor dimension (Depth)	mm	370	370	460
Outdoor net weight	kg	86	84	109
Pipe diameter (Liquid)	Inch (mm)	3/8 (9,52)	3/8 (9,52)	1/2 (12,70)
Pipe diameter (Gas)	Inch (mm)	5/8 (15,88)	5/8 (15,88)	7/8 (22,22)
Pipe length range	m	5 ~ 100	5 ~ 100	5 ~ 100
Elevation difference (in/out)	m	15 / 30 (4)	15 / 30 (4)	30
Pipe length for additional gas	m	30	30	30
Additional gas amount	g/m	40	40	80
Refrigerant (R32) / CO2 Eq.	kg / T	3,00 / 2,03	3,00 / 2,03	4,80 / 3,24
Operating range (Cool - Min)	°C	-20 (5)	-20 (5)	-15
Operating range (Cool - Max)	°C	+52	+52	+52
Operating range (Heat - Min)	°C	-20	-20	-20
Operating range (Heat - Max)	°C	+24	+24	+35

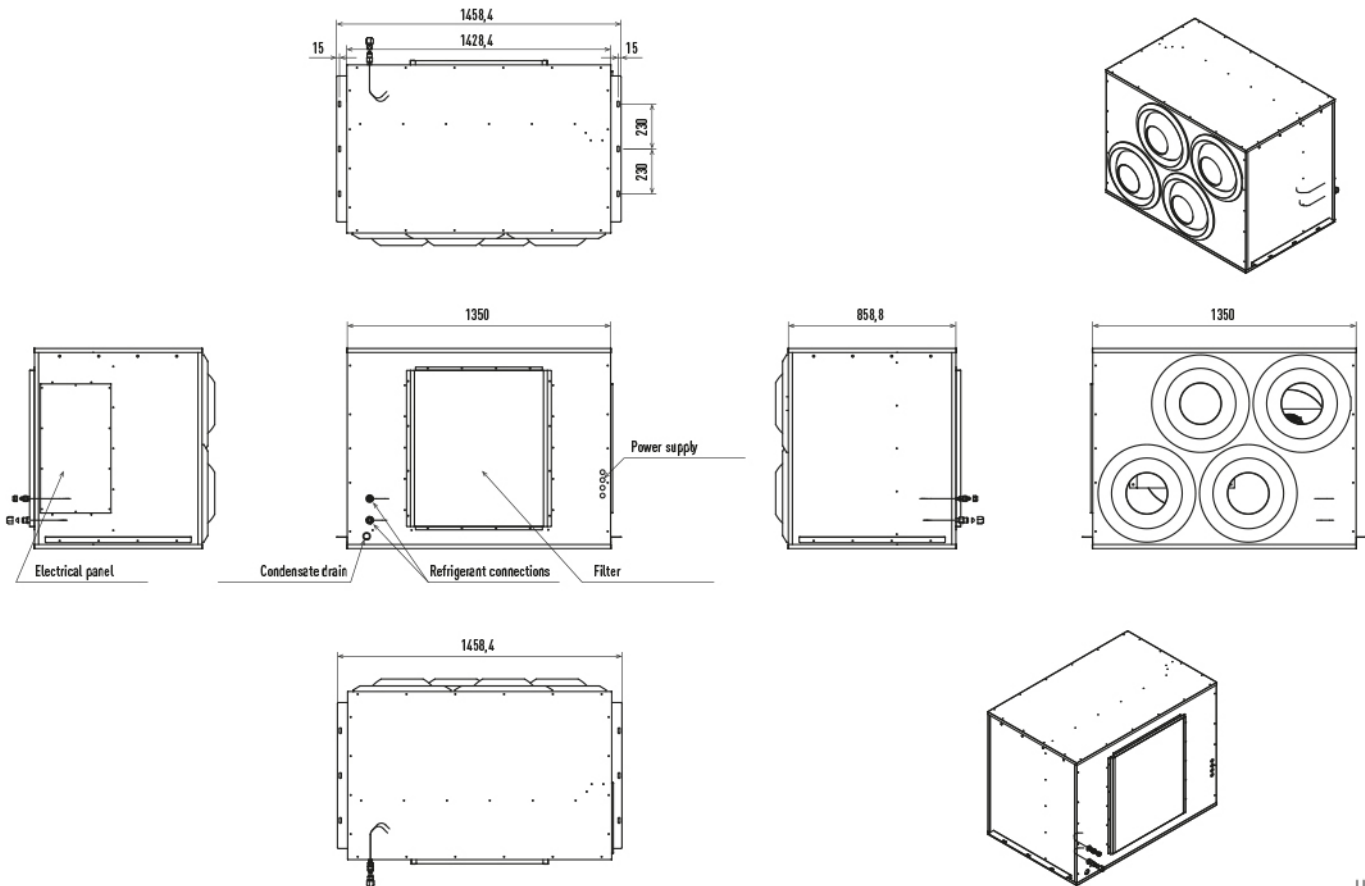
Dimensions

Jet Air Stream - P-VTVF25MC5-PE / P-VTVF25NC5-PE / P-VTVF25PC5-PE.



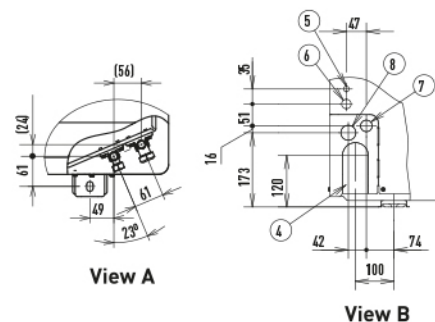
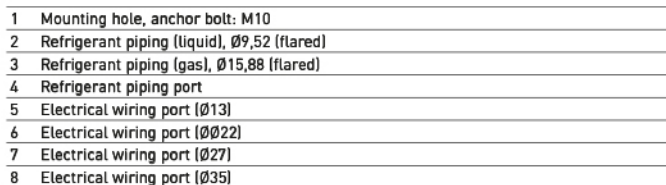
Unit: mm

Jet Air Stream - P-VTVF50MC5-PE / P-VTVF50NC5-PE / P-VTVF50PC5-PE.



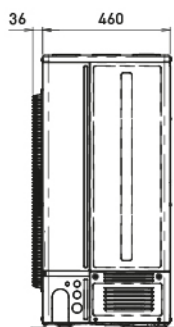
Unit: mm

PACi NX Series Elite outdoor units from 7,1 kW to 14,0 kW and Standard from 10,0 to 14,0 kW.



Unit: mm

Big PACi NX outdoor units 20,0-25,0 kW.



Unit: mm Unit: mm

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