PACi NX Elite Series 4

The compact chassis newly designed with one fan up to 25,0 kW, will fit in limited installation space.

Short height 996 mm

- A compact outdoor unit featuring a single fan across all the capacities up to 25,0 kW
- With the unit weighting only 66 kg*, it is easy to carry and easy to install

* For model 7,1 kW.

PACi NX Elite from 7,1 to 14,0 kW

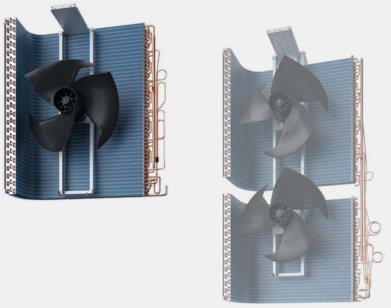
Big PACi NX 20,0-25,0 kW

Example:
Conventional Big PACi models (20,0-25,0 kW)

Highly efficient performance in a compact body

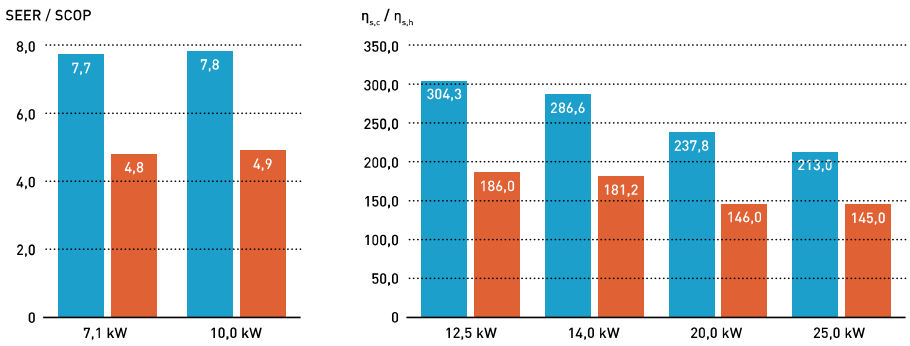
One fan outdoor units keep the excellent seasonal performance by optimizing the layers of the heat exchanger. As a result, PZH4 Series provide the equivalent high seasonal performance to conventional 2 fan models.

Elite PZH4 Series.



Conventional model with two fans.

PZH4 Series seasonal performance.

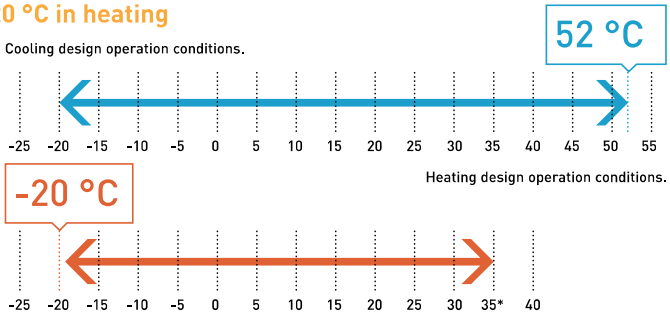


* Performance tested with a 4 way 90x90 cassette for 7,1 to 14,0 kW and a high static pressure hide-away 20,0-25,0 kW.

Extended operation range up to 52 °C in cooling and down to -20 °C in heating

Upgraded PACi NX Elite Series are capable of working even in the challenging ambient conditions. Cooling operation is possible when outdoor temperature is as low as -20 °C* or as high as 52 °C.
Heating operation can also be utilized at outdoor temperatures down to -20 °C when outdoor temperature is as low as -20 °C.

* For models 10,0 ~ 25,0 kW with pipe length up to 30 m.

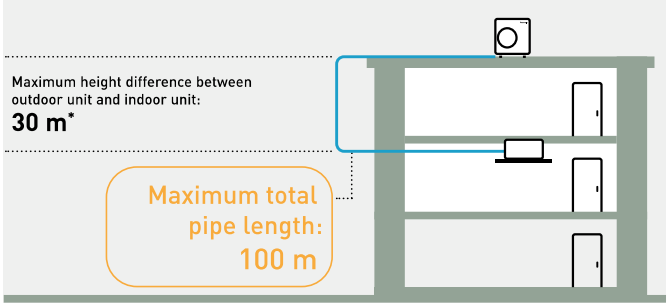


* For models 20,0 ~ 25,0 kW.

Long piping allowance maximum 100 m*

Increased piping length gives great design flexibility to adapt various building types and sizes.
Piping length: 100 m (10,0 to 25,0 kW), 60 m (7,1 kW)

* For models 10,0 ~ 25,0 kW.



* 15 m if the outdoor unit is below the indoor unit.

PACi NX Elite and PACi Elite outdoor units · R32

PACi NX Elite and PACi Elite outdoor units · R32

			PACi NX				Big PACi NX		Big PACi	
			7,1 kW	10,0 kW	12,5 kW	14,0 kW	20,0 kW	25,0 kW	20,0 kW	25,0 kW
Outdoor unit single phase			**U-71PZH4E5**	**U-100PZH4E5**	**U-125PZH4E5**	**U-140PZH4E5**	—	—	—	—
Outdoor unit three phase			**U-71PZH4E8**	**U-100PZH4E8**	**U-125PZH4E8**	**U-140PZH4E8**	**U-200PZH4E8**	**U-250PZH4E8**	**U-200PZH2E8**	**U-250PZH2E8**
Cooling capacity [1]	Nominal (Min - Max)	kW	7,1 (2,2 - 9,0)	9,5 (3,1 - 12,5)	12,5 (3,2 - 14,0)	13,4 (3,3 - 16,0)	19,0 (5,7 - 20,0)	22,0 (6,1 - 25,6)	20,0 (5,7 - 22,4)	25,0 (6,1 - 28,0)
Heating capacity [1]	Nominal (Min - Max)	kW	8,0 (2,0 - 9,0)	11,2 (3,1 - 14,0)	14,0 (3,2 - 16,0)	16,0 (3,3 - 18,0)	22,4 (5,0 - 24,5)	24,0 (5,5 - 27,6)	22,4 (5,0 - 25,0)	28,0 (5,5 - 31,5)
Power supply	Single phase	V	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	220 - 230 - 240	—	—	—	—
	Three phase	V	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415	380 - 400 - 415
Connection indoor / outdoor		mm^2	2x1,5 or 2,5	2x1,5 or 2,5	2x1,5 or 2,5	2x1,5 or 2,5	—	—	—	—
Air flow	Cool / Heat	m^3/min	62,0 / 66,0	76,0 / 70,0	86,0 / 78,0	89,0 / 83,0	164 / 164	160 / 160	164 / 164	160 / 160
Sound pressure	Cool / Heat (Hi)	dB(A)	48 / 50	52 / 52	55 / 55	56 / 56	59 / 61	59 / 63	59 / 61	59 / 63
Sound power	Cool / Heat (Hi)	dB(A)	65 / 67	69 / 69	73 / 73	74 / 74	77 / 79	78 / 82	77 / 79	78 / 82
Dimension	H x W x D	mm	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 980 x 370	996 x 1140 x 460	996 x 1140 x 460	1500 x 980 x 370	1500 x 980 x 370
Net weight	1ph / 3ph	kg	66	84 / 82	86 / 84	86 / 84	109	109	117	128
Piping diameter	Liquid	Inch (mm)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	3/8 (9,52)	1/2 (12,70)	1/2 (12,70)	3/8 (9,52)	1/2 (12,70)
	Gas	Inch (mm)	5/8 (15,88)	5/8 (15,88)	5/8 (15,88)	5/8 (15,88)	7/8 (22,22)	7/8 (22,22)	1 (25,40)	1 (25,40)
Pipe length range	Min ~ Max	m	5 ~ 60	5 ~ 100	5 ~ 100	5 ~ 100	5 ~ 100	5 ~ 100	5 ~ 90	5 ~ 60
Elevation difference (in / out)	Max	m	15 / 30 [2]	15 / 30 [2]	15 / 30 [2]	15 / 30 [2]	30	30	30	30
Pre-charged pipe length		m	30	30	30	30	30	30	30	30
Additional gas amount		g/m	30	40	40	40	80	80	60	80
Refrigerant (R32) / CO_2 Eq.		kg / T	1,95 / 1,32	2,70 / 1,82	3,00 / 2,03	3,00 / 2,03	4,80 / 3,24	4,80 / 3,24	4,20 / 2,835	5,20 / 3,51
Operating range	Cool Min ~ Max	°C	-15 ~ +52	-20 [3] ~ +52	-20 [3] ~ +52	-20 [3] ~ +52	-15 ~ +52	-15 ~ +52	-15 ~ +46	-15 ~ +46
	Heat Min ~ Max	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +35	-20 ~ +35	-20 ~ +24	-20 ~ +24

1) 7,1 - 14,0 kW with 4 way 90x90 cassette. 20,0 - 25,0 kW with high static pressure hide-away. 2) Outdoor unit located lower / outdoor unit located higher. 3) Pipe length up to 30 m.