

Wiring diagrams

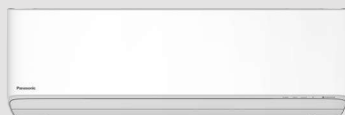
Commercial

PACi NX wall-mounted kits 1x1	→ 98
PACi NX 4 way 60x60 cassette kits 1x1	→ 99
PACi NX 4 way 90x90 cassette kits 1x1	→ 99
PACi NX ceiling kits 1x1	→ 100
PACi NX adaptive ducted unit kits 1x1	→ 100
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PACi NX twin system	→ 101
PACi NX triple system	→ 102
PACi NX double-twin system	→ 102

Please note: The wiring requirements indicated here are the minimum requirements in accordance with the installation instructions, please refer to the instructions for further details. Regulations on wire diameters and installation requirements differ from region to region. Please refer to your LOCAL ELECTRICAL CODES before commencing installation.

Wall-mounted kits 1x1.

Indoor unit



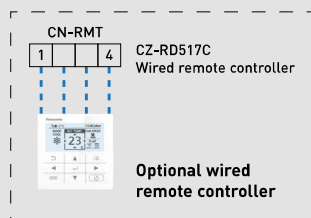
Attention: Wall-mounted Etherea and TZ super-compact have different connection terminals



Single phase
Power supply
230 V / 50 Hz



Infrared remote
controller (included
in the delivery)



Optional wired
remote controller

Power supply to indoor or outdoor depending on model, see table.

Wall-mounted Heatcharge VZ · R32

Indoor unit	Power supply	Recommended fuse	Connection indoor / outdoor	Outdoor unit
CS-VZ9SKE	230 V (indoor)	16 A	4 x 1,5 mm ²	CU-VZ9SKE
CS-VZ12SKE	230 V (indoor)	16 A	4 x 1,5 mm ²	CU-VZ12SKE

Wall-mounted Etherea Graphite grey, Silver and Matt white · R32

Indoor unit	Power supply	Recommended fuse	Power supply cable	Connection indoor / outdoor	Outdoor unit
CS-XZ20ZKEW-H / CS-XZ20ZKEW / CS-Z20ZKEW	230 V (indoor)	16 A	3 x 1,5 mm ²	4 x 1,5 mm ²	CU-Z20ZKE
CS-XZ25ZKEW-H / CS-XZ25ZKEW / CS-Z25ZKEW	230 V (indoor)	16 A	3 x 1,5 mm ²	4 x 1,5 mm ²	CU-Z25ZKE
CS-XZ35ZKEW-H / CS-XZ35ZKEW / CS-Z35ZKEW	230 V (indoor)	16 A	3 x 1,5 mm ²	4 x 1,5 mm ²	CU-Z35ZKE
CS-XZ42ZKEW-H / — / CS-Z42ZKEW	230 V (indoor)	16 A	3 x 1,5 mm ²	4 x 1,5 mm ²	CU-Z42ZKE
— / CS-XZ50ZKEW / CS-Z50ZKEW	230 V (indoor)	16 A	3 x 2,5 mm ²	4 x 2,5 mm ²	CU-Z50ZKE
— / — / CS-Z71ZKEW	230 V (indoor)	20 A	3 x 2,5 mm ²	4 x 2,5 mm ²	CU-Z71ZKE

Wall-mounted TZ super-compact · R32

Indoor unit	Power supply	Recommended fuse	Power supply cable	Connection indoor / outdoor	Outdoor unit
CS-TZ20ZKEW	230 V (indoor)	16 A	3 x 1,5 mm ²	4 x 1,5 mm ²	CU-TZ20ZKE
CS-TZ25ZKEW	230 V (indoor)	16 A	3 x 1,5 mm ²	4 x 1,5 mm ²	CU-TZ25ZKE
CS-TZ35ZKEW	230 V (indoor)	16 A	3 x 1,5 mm ²	4 x 1,5 mm ²	CU-TZ35ZKE
CS-TZ42ZKEW	230 V (indoor)	16 A	3 x 1,5 mm ²	4 x 1,5 mm ²	CU-TZ42ZKE
CS-TZ50ZKEW	230 V (indoor)	16 A	3 x 2,5 mm ²	4 x 2,5 mm ²	CU-TZ50ZKE
CS-TZ60ZKEW	230 V (indoor)	20 A	3 x 2,5 mm ²	4 x 2,5 mm ²	CU-TZ60ZKE
CS-TZ71ZKEW	230 V (indoor)	20 A	3 x 2,5 mm ²	4 x 2,5 mm ²	CU-TZ71ZKE

Wall-mounted BZ super-compact · R32

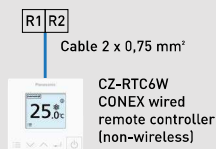
Indoor unit	Power supply	Recommended fuse	Power supply cable	Connection indoor / outdoor	Outdoor unit
CS-BZ25ZKE	230 V (indoor)	16 A	3 x 1,5 mm ²	4 x 1,5 mm ²	CU-BZ25ZKE
CS-BZ35ZKE	230 V (indoor)	16 A	3 x 1,5 mm ²	4 x 1,5 mm ²	CU-BZ35ZKE
CS-BZ50ZKE	230 V (indoor)	16 A	3 x 2,5 mm ²	4 x 2,5 mm ²	CU-BZ50ZKE
CS-BZ60ZKE	230 V (indoor)	20 A	3 x 2,5 mm ²	4 x 2,5 mm ²	CU-BZ60ZKE

Wall-mounted UZ super-compact · R32

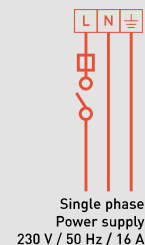
Indoor unit	Power supply	Recommended fuse	Power supply cable	Connection indoor / outdoor	Outdoor unit
CS-UZ25WKE	230 V (indoor)	16 A	3 x 1,5 mm ²	4 x 1,5 mm ²	CU-UZ25WKE
CS-UZ35WKE	230 V (indoor)	16 A	3 x 1,5 mm ²	4 x 1,5 mm ²	CU-UZ35WKE
CS-UZ50WKE	230 V (indoor)	16 A	3 x 2,5 mm ²	4 x 2,5 mm ²	CU-UZ50WKE

PACi NX 4 way 60x60 cassette kits 1x1.

Indoor unit



Outdoor unit

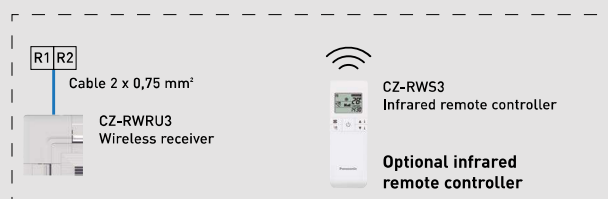
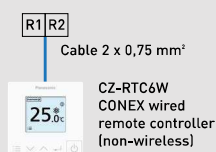


Single phase

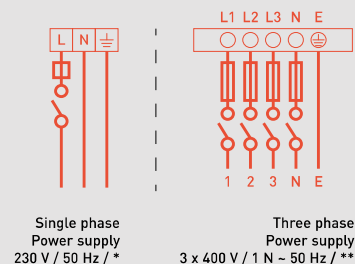
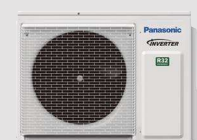
Indoor unit	Connection indoor / outdoor	Outdoor unit	Power supply	Circuit breaker
S-36PY3E	4 x 1,5 mm ²	U-36PZH3E5	220/230/240 V	20 A
S-50PY3E	4 x 1,5 mm ²	U-50PZH3E5		20 A
S-60PY3E	4 x 1,5 mm ²	U-60PZH3E5		20 A
S-25PY3E	4 x 1,5 mm ²	U-25PZ3E5		16 A
S-36PY3E	4 x 1,5 mm ²	U-36PZ3E5		16 A
S-50PY3E	4 x 1,5 mm ²	U-50PZ3E5		16 A
S-60PY3E	4 x 1,5 mm ²	U-60PZ3E5A		20 A

PACi NX 4 way 90x90 cassette kits 1x1.

Indoor unit



Outdoor unit



Single phase

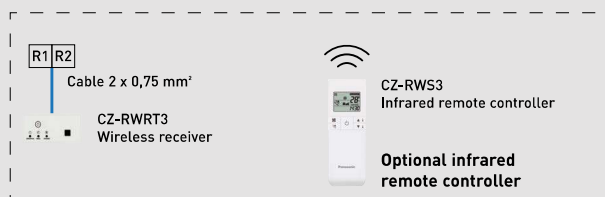
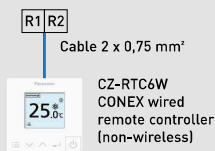
Indoor unit	Connection indoor / outdoor	Outdoor unit	Power supply	Circuit breaker*
S-3650PU3E	4 x 1,5 mm ²	U-36PZH3E5	220/230/240 V	20 A
S-3650PU3E	4 x 1,5 mm ²	U-50PZH3E5		20 A
S-6071PU3E	4 x 1,5 mm ²	U-60PZH3E5		25 A
S-6071PU3E	4 x 2,5 mm ²	U-71PZH4E5		25 A
S-1014PU3E	4 x 2,5 mm ²	U-100PZH4E5		35 A
S-1014PU3E	4 x 2,5 mm ²	U-125PZH4E5		40 A
S-1014PU3E	4 x 2,5 mm ²	U-140PZH4E5		40 A
S-3650PU3E	4 x 1,5 mm ²	U-36PZ3E5		16 A
S-3650PU3E	4 x 1,5 mm ²	U-50PZ3E5		16 A
S-6071PU3E	4 x 1,5 mm ²	U-60PZ3E5A		20 A
S-6071PU3E	4 x 1,5 mm ²	U-71PZ3E5A		20 A
S-6010PU3E	4 x 2,5 mm ²	U-100PZ3E5		35 A
S-1014PU3E	4 x 2,5 mm ²	U-125PZ3E5		40 A
S-1014PU3E	4 x 2,5 mm ²	U-140PZ3E5		40 A

Three phase

Indoor unit	Connection indoor / outdoor	Outdoor unit	Power supply	Circuit breaker**
S-6071PU3E	4 x 2,5 mm ²	U-71PZH4E8	380/400/415 V	16 A
S-1014PU3E	4 x 2,5 mm ²	U-100PZH4E8		16 A
S-1014PU3E	4 x 2,5 mm ²	U-125PZH4E8		16 A
S-1014PU3E	4 x 2,5 mm ²	U-140PZH4E8		16 A
S-1014PU3E	4 x 2,5 mm ²	U-100PZ3E8		16 A
S-1014PU3E	4 x 2,5 mm ²	U-125PZ3E8		20 A
S-1014PU3E	4 x 2,5 mm ²	U-140PZ3E8		20 A

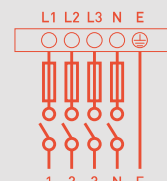
PACi NX ceiling kits 1x1.

Indoor unit



Single phase
Power supply
230 V / 50 Hz / *

Outdoor unit



Three phase
Power supply
3 x 400 V / 1 N ~ 50 Hz / **

Single phase

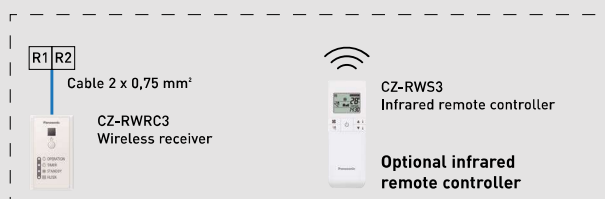
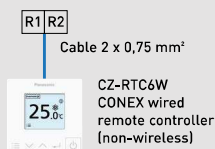
Indoor unit	Connection indoor / outdoor	Outdoor unit	Power supply	Circuit breaker*
S-3650PT3E	4 x 1,5 mm²	U-36PZH3E5	220/230/240 V	20 A
S-3650PT3E	4 x 1,5 mm²	U-50PZH3E5		20 A
S-6071PT3E	4 x 1,5 mm²	U-60PZH3E5		25 A
S-6071PT3E	4 x 2,5 mm²	U-71PZH4E5		25 A
S-1014PT3E	4 x 2,5 mm²	U-100PZH4E5		35 A
S-1014PT3E	4 x 2,5 mm²	U-125PZH4E5		40 A
S-1014PT3E	4 x 2,5 mm²	U-140PZH4E5		40 A
S-3650PT3E	4 x 1,5 mm²	U-36PZ3E5		16 A
S-3650PT3E	4 x 1,5 mm²	U-50PZ3E5		16 A
S-6071PT3E	4 x 1,5 mm²	U-60PZ3E5A		20 A
S-6071PT3E	4 x 1,5 mm²	U-71PZ3E5A		20 A
S-6010PT3E	4 x 2,5 mm²	U-100PZ3E5		35 A
S-1014PT3E	4 x 2,5 mm²	U-125PZ3E5		40 A
S-1014PT3E	4 x 2,5 mm²	U-140PZ3E5		40 A

Three phase

Indoor unit	Connection indoor / outdoor	Outdoor unit	Power supply	Circuit breaker**
S-6071PT3E	4 x 2,5 mm²	U-71PZH4E8	380/400/415 V	16 A
S-1014PT3E	4 x 2,5 mm²	U-100PZH4E8		16 A
S-1014PT3E	4 x 2,5 mm²	U-125PZH4E8		16 A
S-1014PT3E	4 x 2,5 mm²	U-140PZH4E8		16 A
S-1014PT3E	4 x 2,5 mm²	U-100PZ3E8		16 A
S-1014PT3E	4 x 2,5 mm²	U-125PZ3E8		20 A
S-1014PT3E	4 x 2,5 mm²	U-140PZ3E8		20 A

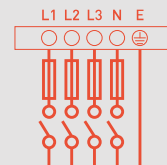
PACi NX adaptive ducted unit kits 1x1.

Indoor unit



Single phase
Power supply
230 V / 50 Hz / *

Outdoor unit



Three phase
Power supply
3 x 400 V / 1 N ~ 50 Hz / **

Single phase

Indoor unit	Connection indoor / outdoor	Outdoor unit	Power supply	Circuit breaker*
S-3650PF3E	4 x 1,5 mm²	U-36PZH3E5	220/230/240 V	20 A
S-3650PF3E	4 x 1,5 mm²	U-50PZH3E5		20 A
S-6071PF3E	4 x 1,5 mm²	U-60PZH3E5		25 A
S-6071PF3E	4 x 2,5 mm²	U-71PZH4E5		25 A
S-1014PF3E	4 x 2,5 mm²	U-100PZH4E5		35 A
S-1014PF3E	4 x 2,5 mm²	U-125PZH4E5		40 A
S-1014PF3E	4 x 2,5 mm²	U-140PZH4E5		40 A
S-3650PF3E	4 x 1,5 mm²	U-36PZ3E5		16 A
S-3650PF3E	4 x 1,5 mm²	U-50PZ3E5		16 A
S-6071PF3E	4 x 1,5 mm²	U-60PZ3E5A		20 A
S-6071PF3E	4 x 1,5 mm²	U-71PZ3E5A		20 A
S-6010PF3E	4 x 2,5 mm²	U-100PZ3E5		35 A
S-1014PF3E	4 x 2,5 mm²	U-125PZ3E5		40 A
S-1014PF3E	4 x 2,5 mm²	U-140PZ3E5		40 A

Three phase

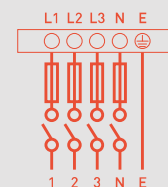
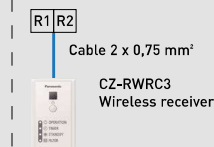
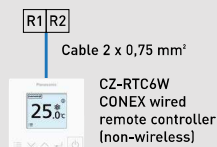
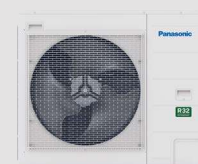
Indoor unit	Connection indoor / outdoor	Outdoor unit	Power supply	Circuit breaker**
S-6071PF3E	4 x 2,5 mm²	U-71PZH4E8	380/400/415 V	16 A
S-1014PF3E	4 x 2,5 mm²	U-100PZH4E8		16 A
S-1014PF3E	4 x 2,5 mm²	U-125PZH4E8		16 A
S-1014PF3E	4 x 2,5 mm²	U-140PZH4E8		16 A
S-1014PF3E	4 x 2,5 mm²	U-100PZ3E8		16 A
S-1014PF3E	4 x 2,5 mm²	U-125PZ3E8		20 A
S-1014PF3E	4 x 2,5 mm²	U-140PZ3E8		20 A

Big PACi NX high static pressure hide-away 20,0-25,0 kW kits 1x1.

Indoor unit



Outdoor unit

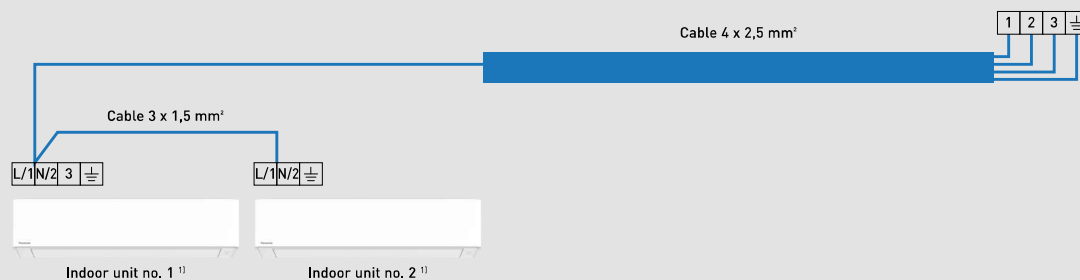


Three phase
Power supply
3 x 400 V / 1 N ~ 50 Hz

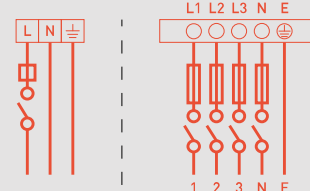
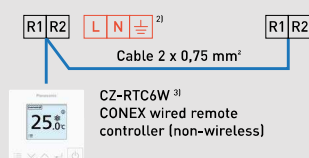
Three phase

Indoor unit	Outdoor unit	Power supply	Circuit breaker
S-200PE4E	U-200PZH4E8	380/400/415 V	20 A
S-250PE4E	U-250PZH4E8		25 A

PACi NX twin system.



Outdoor unit



Single phase
Power supply
230 V / 50 Hz / *

Three phase
Power supply
3 x 400 V / 1 N ~ 50 Hz / **

Single phase

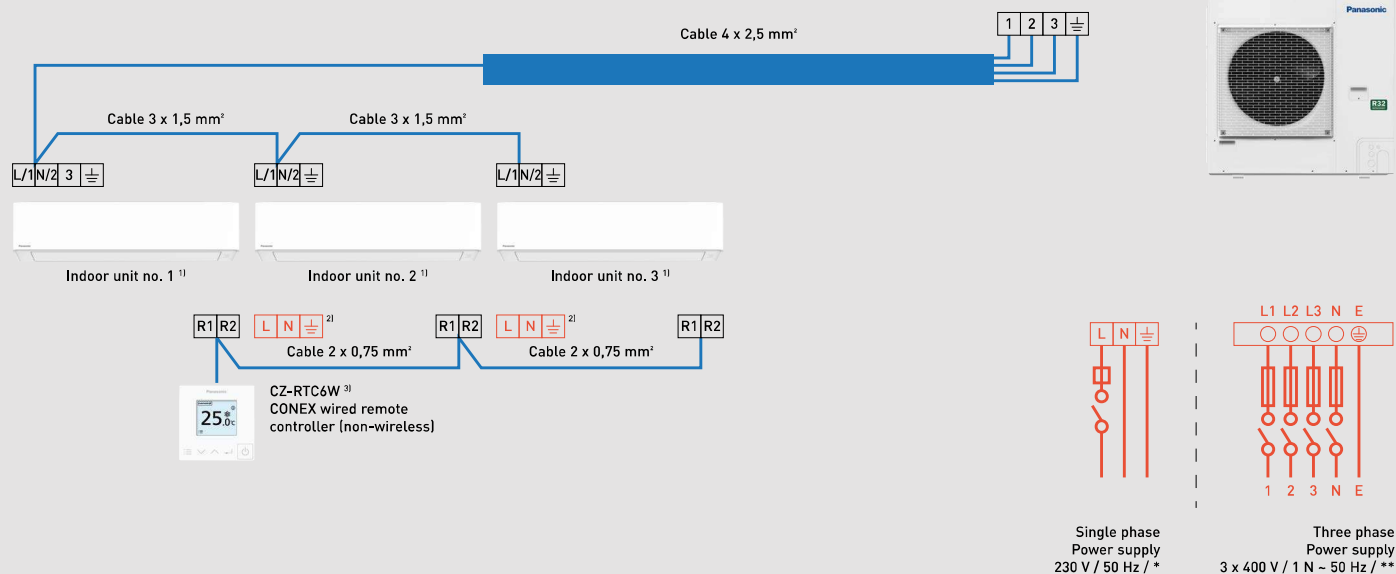
Outdoor unit	Power supply	Circuit breaker*
U-50PZH3E5	220/230/240 V	20 A
U-71PZH4E5		25 A
U-100PZH4E5		35 A
U-125PZH4E5		40 A
U-140PZH4E5		40 A
U-100PZ3E5		35 A
U-125PZ3E5		40 A
U-140PZ3E5		40 A

Three phase

Outdoor unit	Power supply	Circuit breaker**
U-71PZH4E8	380/400/415 V	16 A
U-100PZH4E8		16 A
U-125PZH4E8		16 A
U-140PZH4E8		16 A
U-200PZH4E8		20 A
U-250PZH4E8		30 A
U-100PZ3E8		16 A
U-125PZ3E8		20 A
U-140PZ3E8		20 A

1) Available system combinations vary by indoor unit type. 2) Optional connection of single phase power supply connection to unit no. 2. Please refer to installation instructions for details.
3) Optional infrared remote controller is also possible. Wireless receivers may be required depending on indoor units.

PACi NX triple system.



Single phase

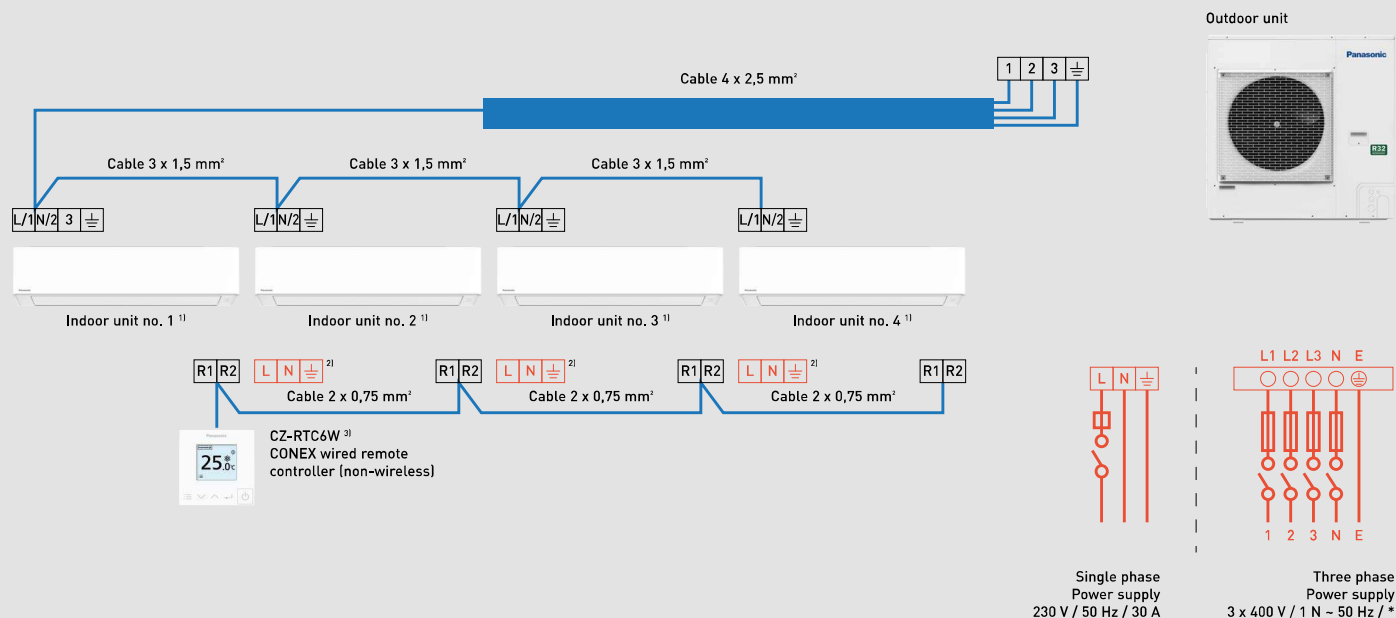
Outdoor unit	Power supply	Circuit breaker*
U-71PZH4E5	220 / 230 / 240 V	25 A
U-100PZH4E5		35 A
U-125PZH4E5		40 A
U-140PZH4E5		40 A

1) Available system combinations vary by indoor unit type. 2) Optional connection of single phase power supply connection to unit no. 2 and unit no. 3. Please refer to installation instructions for details. 3) Optional infrared remote controller is also possible. Wireless receivers may be required depending on indoor units.

Three phase

Outdoor unit	Power supply	Circuit breaker**
U-71PZH4E8	380 / 400 / 415 V	16 A
U-100PZH4E8		16 A
U-125PZH4E8		16 A
U-140PZH4E8		16 A
U-200PZH4E8		20 A
U-250PZH4E8		25 A

PACi NX double-twin system.



Single phase

Outdoor unit	Power supply	Circuit breaker
U-100PZH4E5	220 / 230 / 240 V	35 A
U-125PZH4E5		40 A

1) Available system combinations vary by indoor unit type. 2) Optional connection of single phase power supply connection to unit no. 2, unit no. 3 and unit no. 4. Please refer to installation instructions for details. 3) Optional infrared remote controller is also possible. Wireless receivers may be required depending on indoor units.

Three phase

Outdoor unit	Power supply	Circuit breaker*
U-100PZH4E8	380 / 400 / 415 V	16 A
U-125PZH4E8		16 A
U-200PZH4E8		20 A
U-250PZH4E8		25 A

