AIO® NextGen PTHP

Submittals



innova

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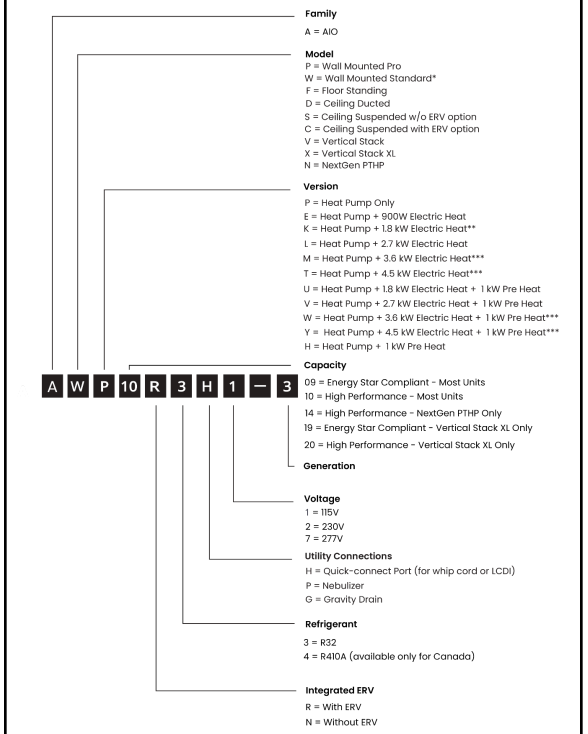
1. MODEL IDENTIFICATION

Use this table to verify your model number and select the appropriate submittal page from the pages included in this documentation.

Model number	Elec. Heat	ERV	Drain type	Volt	Rating
ANP09R3P2	–	With ERV	nebulizer	230V	Energy Star compliant
ANP14R3P2					High Performance
ANP09R3P7				277V	Energy Star compliant
ANP14R3P7					High Performance
ANP09R3G2			gravity drain	230V	Energy Star compliant
ANP14R3G2					High Performance
ANP09R3G7				277V	Energy Star compliant
ANP14R3G7					High Performance
ANP09N3P2		–	nebulizer	230V	Energy Star compliant
ANP14N3P2					High Performance
ANP09N3P7				277V	Energy Star compliant
ANP14N3P7					High Performance
ANP09N3G2			gravity drain	230V	Energy Star compliant
ANP14N3G2					High Performance
ANP09N3G7				277V	Energy Star compliant
ANP14N3G7					High Performance
ANK09R3P2	1.8 kW elec. heat	With ERV	nebulizer	230V	Energy Star compliant
ANK14R3P2					High Performance
ANK09R3P7				277V	Energy Star compliant
ANK14R3P7					High Performance
ANK09R3G2			gravity drain	230V	Energy Star compliant
ANK14R3G2					High Performance
ANK09R3G7				277V	Energy Star compliant
ANK14R3G7					High Performance
ANK09N3P2		–	nebulizer	230V	Energy Star compliant
ANK14N3P2					High Performance
ANK09N3P7				277V	Energy Star compliant
ANK14N3P7					High Performance
ANK09N3G2			gravity drain	230V	Energy Star compliant
ANK14N3G2					High Performance
ANK09N3G7				277V	Energy Star compliant
ANK14N3G7					High Performance

2. MODEL NUMBER NOMENCLATURE

AIO® nomenclature



* 8" Vents : Just generation (e.g. = 3)
6" Vents : Generation + SP (e.g. = 3SP)
** Field convertible to 900W
*** AIO® Vertical Stack XL **Only**

3. SUBMITTAL SHEETS

Select the correct submittal sheet from the following pages and use it during and after installation.

1. Identify the unit/s by model number and features.
2. Use the performance data and electrical specifications for reference.
3. Fill in the required project details at the top of the submittal sheet.
4. Check any boxes for control options and Field-installed accessories to be included with the unit.
5. Submit the sheet to the installation project manager or building manager.

NextGen PTHP - ANP09R3P2

Heat pump only, Energy Star compliant, with ERV, R32, nebulizer, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + Auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-15P	L259A
☐	Quick-connect LCDI power cord - 12" (305 mm)		L251A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-12500
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	2.8
Max Cooling		7.5
Running Heating		2.7
Max Heating		4.5
MCA		9
MOP		15
Max Power Input Cooling	W	1730
Max Power Input Heating		1310

NextGen PTHP dimensions

To view the NextGen PTHP dimensions without a sleeve as a high-resolution PDF, click the link below:

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NextGen PTHP - ANP09R3P7

Heat pump only, Energy Star compliant, with ERV, R32, nebulizer, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General Features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-12500
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	2.4
Max Cooling		6.5
Running Heating		2.3
Max Heating		3.9
MCA		8
MOP		15
Max Power Input Cooling	W	1730
Max Power Input Heating		1310

NextGen PTHP dimensions

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NextGen PTHP - ANP09R3G2

Heat pump only, Energy Star compliant, with ERV, R32, gravity drain, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-15P	L259A
☐	Quick-connect LCDI power cord - 12" (305 mm)		L251A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-12500
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F) [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	2.8
Max Cooling		7.5
Running Heating		2.7
Max Heating		4.5
MCA		9
MOP		15
Max Power Input Cooling	W	1730
Max Power Input Heating		1310

NextGen PTHP dimensions

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NextGen PTHP - ANP09R3G7

Heat pump only, Energy Star compliant, with ERV, R32, gravity drain, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-12500
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	2.4
Max Cooling		6.5
Running Heating		2.3
Max Heating		3.9
MCA		8
MOP		15
Max Power Input Cooling	W	1730
Max Power Input Heating		1310

NextGen PTHP dimensions

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NextGen PTHP - ANP09N3P2

Heat pump only, Energy Star compliant, no ERV, R32, nebulizer, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- Compact, slim design
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-15P	L259A
☐	Quick-connect LCDI power cord - 12" (305 mm)		L251A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-12500
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	2.8
Max Cooling		7.5
Running Heating		2.7
Max Heating		4.5
MCA		9
MOP		15
Max Power Input Cooling	W	1730
Max Power Input Heating		1310

NextGen PTHP dimensions

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NextGen PTHP - ANP09N3P7

Heat pump only, Energy Star compliant, no ERV, R32, nebulizer, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- Compact, slim design
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-12500
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	2.4
Max Cooling		6.5
Running Heating		2.3
Max Heating		3.9
MCA		8
MOP		15
Max Power Input Cooling	W	1730
Max Power Input Heating		1310

NextGen PTHP dimensions

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NextGen PTHP - ANP09N3G2

Heat pump only, Energy Star compliant, no ERV, R32, gravity drain, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-15P	L259A
☐	Quick-connect LCDI power cord - 12" (305 mm)		L251A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-12500
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	2.8
Max Cooling		7.5
Running Heating		2.7
Max Heating		4.5
MCA		9
MOP		15
Max Power Input Cooling	W	1730
Max Power Input Heating		1310

NextGen PTHP dimensions

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NextGen PTHP - ANP09N3G7

Heat pump only, Energy Star compliant, no ERV, R32, gravity drain, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-12500
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	2.4
Max Cooling		6.5
Running Heating		2.3
Max Heating		3.9
MCA		8
MOP		15
Max Power Input Cooling	W	1730
Max Power Input Heating		1310

NextGen PTHP dimensions

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NextGen PTHP - ANK09R3P2

1.8 kW electric heat, Energy Star compliant, with ERV, R32, nebulizer, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-20P	L229A
☐	Quick-connect LCDI power cord - 12" (305 mm)		L221A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-12500
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	2.8
Max Cooling		7.5
Running Heating		2.7
Max Heating - Heat Pump with Electric Heat		12.0
MCA		15
Maximum Overcurrent Protection		20
Max Power Input Cooling	W	1900
Max Power Input Heating		2840

NextGen PTHP dimensions

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NextGen PTHP - ANK09R3P7

1.8 kW electric heat, Energy Star compliant, with ERV, R32, nebulizer, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-18600
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	2.3
Max Cooling		6.9
Running Heating		2.2
Max Heating - Heat Pump with Electric Heat		10.3
MCA		13
Maximum Overcurrent Protection		15
Max Power Input Cooling	W	1900
Max Power Input Heating		2840

NextGen PTHP dimensions

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NextGen PTHP - ANK09R3G2

1.8 kW electric heat, Energy Star compliant, with ERV, R32, gravity drain, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-20P	L229A
☐	Quick-connect LCDI power cord - 12" (305 mm)		L221A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-18600
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	2.8
Max Cooling		8.3
Running Heating		2.7
Max Heating - Heat Pump with Electric Heat		14
MCA		17
Maximum Overcurrent Protection		20
Max Power Input Cooling	W	1900
Max Power Input Heating		2840

NextGen PTHP dimensions

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NextGen PTHP - ANK09R3G7

1.8 kW electric heat, Energy Star compliant, with ERV, R32, gravity drain, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-18600
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	2.3
Max Cooling		6.9
Running Heating		2.2
Max Heating - Heat Pump with Electric Heat		10.3
MCA		13
Maximum Overcurrent Protection		15
Max Power Input Cooling	W	1900
Max Power Input Heating		2840

NextGen PTHP dimensions

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NextGen PTHP - ANK09N3P2

1.8 kW electric heat, Energy Star compliant, no ERV, R32, nebulizer, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-20P	L229A
☐	Quick-connect LCDI power cord - 12" (305 mm)		L221A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-18600
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	2.8
Max Cooling		8.3
Running Heating		2.7
Max Heating - Heat Pump with Electric Heat		14
MCA		17
Maximum Overcurrent Protection		20
Max Power Input Cooling	W	1900
Max Power Input Heating		2840

NextGen PTHP dimensions

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NextGen PTHP - ANK09N3P7

1.8 kW electric heat, Energy Star compliant, no ERV, R32, nebulizer, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-18600
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	2.3
Max Cooling		6.9
Running Heating		2.2
Max Heating - Heat Pump with Electric Heat		10.3
MCA		13
Maximum Overcurrent Protection		15
Max Power Input Cooling	W	1900
Max Power Input Heating		2840

NextGen PTHP dimensions

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NextGen PTHP - ANK09N3G2

1.8 kW electric heat, Energy Star compliant, no ERV, R32, gravity drain, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-20P	L229A
☐	Quick-connect LCDI power cord - 12" (305 mm)		L221A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-18600
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	2.8
Max Cooling		8.3
Running Heating		2.7
Max Heating - Heat Pump with Electric Heat		14
MCA		17
Maximum Overcurrent Protection		20
Max Power Input Cooling	W	1900
Max Power Input Heating		2840

NextGen PTHP dimensions

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NextGen PTHP - ANK09N3G7

1.8 kW electric heat, Energy Star compliant, no ERV, R32, gravity drain, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-18600
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	2.3
Max Cooling		6.9
Running Heating		2.2
Max Heating - Heat Pump with Electric Heat		10.3
MCA		13
Maximum Overcurrent Protection		15
Max Power Input Cooling	W	1900
Max Power Input Heating		2840

NextGen PTHP dimensions

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NextGen PTHP - ANP14R3P2

Heat pump only, High Performance, with ERV, R32, nebulizer, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto,
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-15P	L259A
☐	Quick-connect LCDI power cord - 12" (305 mm)		L251A

Performance data

Cooling	Min-Max	BTU/H	4500-17000
	Rated capacity (95°F [35°C])		11500
	Efficiency	EER2	12.0
Heating	Min-Max	BTU/H	2000-15500
	Rated capacity (47°F [8.3°C])		11500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	3.8
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	4.2
Max Cooling		8.9
Running Heating		3.9
Max Heating		6.8
MCA		12
MOP		20
Max Power Input Cooling	W	2050
Max Power Input Heating		1,420

NextGen PTHP dimensions

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NextGen PTHP - ANP14R3P7

Heat pump only, High Performance, with ERV, R32, nebulizer, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General Features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-17000
	Rated capacity (95°F [35°C])		11500
	Efficiency	EER2	12.0
Heating	Min-Max	BTU/H	2000-15500
	Rated capacity (47°F [8.3°C])		11500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	3.8
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	3.5
Max Cooling		7.4
Running Heating		3.2
Max Heating		5.1
MCA		10
MOP		15
Max Power Input Cooling	W	1900
Max Power Input Heating		1040

NextGen PTHP dimensions

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NextGen PTHP - ANP14R3G2

Heat pump only, High Performance, with ERV, R32, gravity drain, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-15P	L259A
☐	Quick-connect LCDI power cord - 12" (305 mm)		L251A

Performance data

Cooling	Min-Max	BTU/H	4500-17000
	Rated capacity (95°F [35°C])		11500
	Efficiency	EER2	12.0
Heating	Min-Max	BTU/H	2000-15500
	Rated capacity (47°F [8.3°C])		11500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	3.8
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	4.2
Max Cooling		8.9
Running Heating		3.9
Max Heating		6.8
MCA		12
MOP		20
Max Power Input Cooling	W	2050
Max Power Input Heating		1,420

NextGen PTHP dimensions

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NextGen PTHP - ANP14R3G7

Heat pump only, High Performance, with ERV, R32, gravity drain, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-17000
	Rated capacity (95°F [35°C])		11500
	Efficiency	EER2	12.0
Heating	Min-Max	BTU/H	2000-15500
	Rated capacity (47°F [8.3°C])		11500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	3.8
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	3.5
Max Cooling		7.4
Running Heating		3.2
Max Heating		5.1
MCA		10
MOP		15
Max Power Input Cooling	W	1900
Max Power Input Heating		1040

NextGen PTHP dimensions

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NextGen PTHP - ANP14N3P2

Heat pump only, High Performance, no ERV, R32, nebulizer, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-15P	L259A
☐	Quick-connect LCDI power cord - 12" (305 mm)		L251A

Performance data

Cooling	Min-Max	BTU/H	4500-17000
	Rated capacity (95°F [35°C])		11500
	Efficiency	EER2	12.0
Heating	Min-Max	BTU/H	2000-15500
	Rated capacity (47°F [8.3°C])		11500
	Rated capacity (5°F, 0°F, -5°F [(-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	3.8
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	4.2
Max Cooling		8.9
Running Heating		3.9
Max Heating		6.8
MCA		12
MOP		20
Max Power Input Cooling	W	2050
Max Power Input Heating		1,420

NextGen PTHP dimensions

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NextGen PTHP - ANP14N3P7

Heat pump only, High Performance, no ERV, R32, nebulizer, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- Compact, slim design
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-17000
	Rated capacity (95°F [35°C])		11500
	Efficiency	EER2	12.0
Heating	Min-Max	BTU/H	2000-15500
	Rated capacity (47°F [8.3°C])		11500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	3.8
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	3.5
Max Cooling		7.4
Running Heating		3.2
Max Heating		5.1
MCA		10
MOP		15
Max Power Input Cooling	W	1900
Max Power Input Heating		1040

NextGen PTHP dimensions

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NextGen PTHP - ANP14N3G2

Heat pump only, High Performance, no ERV, R32, gravity drain, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord		W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-15P	L259A
☐	Quick-connect LCDI power cord - 12" (305 mm)		L251A

Performance data

Cooling	Min-Max	BTU/H	4500-17000
	Rated capacity (95°F [35°C])		11500
	Efficiency	EER2	12.0
Heating	Min-Max	BTU/H	2000-15500
	Rated capacity (47°F [8.3°C])		11500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	3.8
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	4.2
Max Cooling		8.9
Running Heating		3.9
Max Heating		6.8
MCA		12
MOP		20
Max Power Input Cooling	W	2050
Max Power Input Heating		1,420

NextGen PTHP dimensions

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NextGen PTHP - ANP14N3G7

Heat pump only, High Performance, no ERV, R32, gravity drain, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-17000
	Rated capacity (95°F [35°C])		11500
	Efficiency	EER2	12.0
Heating	Min-Max	BTU/H	2000-15500
	Rated capacity (47°F [8.3°C])		11500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	3.8
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	3.5
Max Cooling		7.4
Running Heating		3.2
Max Heating		5.1
MCA		10
MOP		15
Max Power Input Cooling	W	1900
Max Power Input Heating		1040

NextGen PTHP dimensions

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NextGen PTHP - ANK14R3P2

1.8 kW electric heat, High Performance, with ERV, R32, nebulizer, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-20P	L229A
☐	Quick-connect LCDI power cord - 12" (305 mm)		L221A

Performance data

Cooling	Min-Max	BTU/H	4500-17000
	Rated capacity (95°F [35°C])		11500
	Efficiency	EER2	12.0
Heating	Min-Max	BTU/H	2000-21600
	Rated capacity (47°F [8.3°C])		11500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	3.8
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	4.2
Max Cooling		8.9
Running Heating		3.9
Max Heating - Heat Pump with Electric Heat		15
MCA		19
Maximum Overcurrent Protection		25
Max Power Input Cooling	W	2050
Max Power Input Heating		3220

NextGen PTHP dimensions

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NextGen PTHP - ANK14R3P7

1.8 kW electric heat, High Performance, with ERV, R32, nebulizer, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-21600
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	3.5
Max Cooling		7.4
Running Heating		3.2
Max Heating - Heat Pump with Electric Heat		11.5
MCA		15
Maximum Overcurrent Protection		20
Max Power Input Cooling	W	1900
Max Power Input Heating		1040

NextGen PTHP dimensions

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NextGen PTHP - ANK14R3G2

1.8 kW electric heat, High Performance, with ERV, R32, gravity drain, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-20P	L229A
☐	Quick-connect LCDI power cord - 12" (305 mm)		L221A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-21600
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	4.2
Max Cooling		8.9
Running Heating		3.9
Max Heating - Heat Pump with Electric Heat		15
MCA		19
Maximum Overcurrent Protection		25
Max Power Input Cooling	W	2050
Max Power Input Heating		3220

NextGen PTHP dimensions

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NextGen PTHP - ANK14R3G7

1.8 kW electric heat, High Performance, with ERV, R32, gravity drain, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-21600
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	3.5
Max Cooling		7.4
Running Heating		3.2
Max Heating - Heat Pump with Electric Heat		11.5
MCA		15
Maximum Overcurrent Protection		20
Max Power Input Cooling	W	1900
Max Power Input Heating		1040

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NextGen PTHP - ANK14N3P2

1.8 kW electric heat, High Performance, no ERV, R32, nebulizer, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-20P	L229A
☐	Quick-connect LCDI power cord - 12" (305 mm)		L221A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-21600
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	4.2
Max Cooling		8.9
Running Heating		3.9
Max Heating - Heat Pump with Electric Heat		15
MCA		19
Maximum Overcurrent Protection		25
Max Power Input Cooling	W	2050
Max Power Input Heating		3220

NextGen PTHP dimensions

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NextGen PTHP - ANK14N3P7

1.8 kW electric heat, High Performance, no ERV, R32, nebulizer, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- Silent (up to 27 dBA)
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-21600
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	3.5
Max Cooling		7.4
Running Heating		3.2
Max Heating - Heat Pump with Electric Heat		11.5
MCA		15
Maximum Overcurrent Protection		20
Max Power Input Cooling	W	1900
Max Power Input Heating		1040

NextGen PTHP dimensions

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NextGen PTHP - ANK14N3G2

1.8 kW electric heat, High Performance, no ERV, R32, gravity drain, 230V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Silent (up to 27 dBA)
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect LCDI power cord - 89" (2261 mm)	6-20P	L229A
☐	Quick-connect LCDI power cord NEMA 6-20P - 12" (305 mm)		L221A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-21600
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	207-253
Running Cooling	A	4.2
Max Cooling		8.9
Running Heating		3.9
Max Heating - Heat Pump with Electric Heat		15
MCA		19
Maximum Overcurrent Protection		25
Max Power Input Cooling	W	2050
Max Power Input Heating		3220

NextGen PTHP dimensions

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NextGen PTHP Dimensions (with sleeve) (V 5.0).pdf

NextGen PTHP - ANK14N3G7

1.8 kW electric heat, High Performance, no ERV, R32, gravity drain, 277V

Project:	Date:
Reference DWG:	Submitted By:
Architect:	P.O. #:
Engineer:	Approval:

General features

- Twin rotary BLDC inverter compressor
- Additional 6,100 btu/h heating performance with electric heating elements
- ECM fans
- Auto restart
- Standard PTAC compatibility
- 3 fan speeds + auto
- Cooling, heating, dehumidification, and auto modes
- Efficient condensate disbursement system for cooling and heating
- 10-year limited warranty
- Compact, slim design
- Silent (up to 27 dBA)
- Made in Italy

Optional field-installed accessories

Included	Part
☐	MERV 13 Filters
☐	PTAC sleeve with thermal barriers
☐	Hex wrench (for securing the unit to the sleeve)
☐	External louver
☐	Louver fixing brackets

Optional field-installed gateways and controllers

Included	Part	SKU
☐	Wireless remote controller	WRCH20
☐	Basic touch controller	LTCH20
☐	Advanced TFT controller	TFTH20
☐	Wall-mounted wireless Infrared controller	WIPT20
☐	Wireless remote controller	WRCH20
☐	Third Party Gateway	MOD TPG
☐	Wi-Fi chip	WIFI

Optional field-installed power cords

Included	Part	NEMA	SKU
☐	Quick-connect whip cord	-	W224A
☐	Quick-connect standard power cord	7-15P	S756A

Performance data

Cooling	Min-Max	BTU/H	4500-15000
	Rated capacity (95°F [35°C])		8500
	Efficiency	EER2	13.1
Heating	Min-Max	BTU/H	2000-21600
	Rated capacity (47°F [8.3°C])		8500
	Rated capacity (5°F, 0°F, -5°F [-15°C, -17.8°C, 20.6°C])		6500
	Efficiency	COP	4.0
Sound	Indoor sound	db(A)	29-49
	Outdoor sound		28-55
Moisture removal	Moisture removal	Pts/h	1.9
		L/hr	0.9
Airflow	Indoor	CFM	160-400
		m^3/hr	271.8 - 679.6
	Outdoor	CFM	210-850
		m^3/hr	356.8 - 1444.2
	ERV	CFM	20-45
		m^3/hr	34 - 76.5

Louver requirements

Free area	Sq. FT.	2.3
	m^2	0.2
Pressure drop	In. W.C.	0.25
	Pa	62.3

Electrical data

Power Supply	Ph/Hz	1/60
Voltage Range	V	249-305
Running Cooling	A	3.5
Max Cooling		7.4
Running Heating		3.2
Max Heating - Heat Pump with Electric Heat		11.5
MCA		15
Maximum Overcurrent Protection		20
Max Power Input Cooling	W	1900
Max Power Input Heating		1040

NextGen PTHP dimensions

To view the NextGen PTHP dimensions without a sleeve as a high-resolution PDF, click the link below:

NextGen PTHP Dimensions (without sleeve) (V 5.0...

To view the NextGen PTHP dimensions with a sleeve as a high-resolution PDF, click the link below:

NextGen PTHP Dimensions (with sleeve) (V 5.0).pdf

With over 20 years of experience in the climate comfort sector, we have a clear goal: growth through innovation. Our team is laser-focused on the conception, development, and production of innovative heating, ventilation, and air conditioning solutions. This mission has developed through bringing together technical skills, creativity, technology, design, Italian passion, and a global vision to achieve the best energy efficiency and performance.

innova.co | **USA:** 216-710-1000 **Canada:** 416-739-1000

MADE IN ITALY

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AIO® NextGen PTHP Submittals