

**YORK® Duct-Free
Mini-Split Systems**



YORK® Duct-Free Mini-Split Systems

EFFICIENCY AND COMFORT FOR YOUR RESIDENTIAL AND LIGHT COMMERCIAL CUSTOMERS.

NEW GROWTH OPPORTUNITIES FOR YOUR BUSINESS.



Effective climate control is about comfort and efficiency – delivering just the right amount of heating and cooling to every space while using no more energy than necessary. YORK single- and multi-zone duct-free mini-split systems enable you to provide innovative solutions to residential and light commercial customers and obtain new growth opportunities for your business.



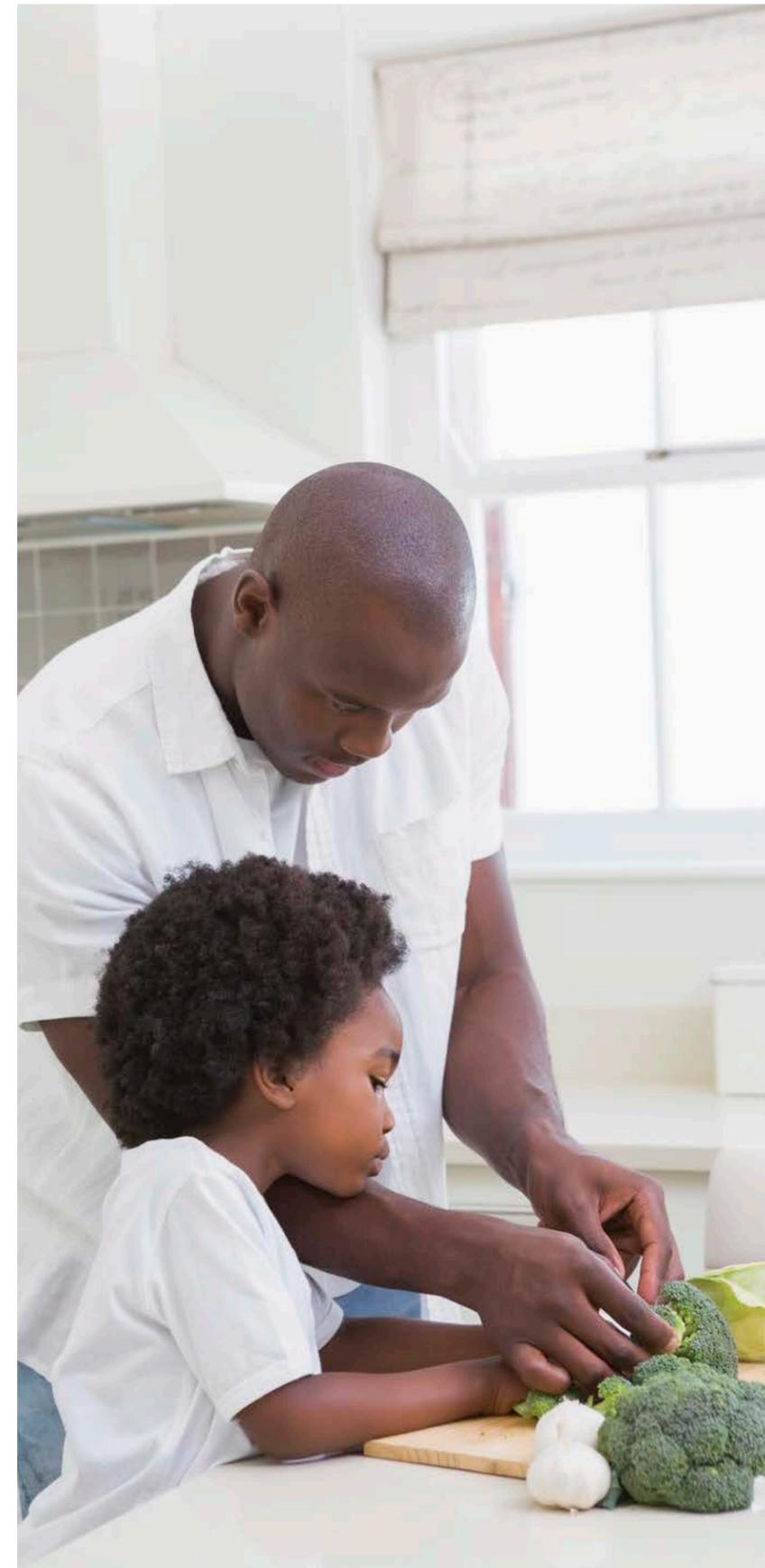
For distributors and mechanical contractors, YORK duct-free mini-split systems provide an energy-saving solution for residential customers that effectively delivers comfort to all areas even in situations with varied loads and occupancy rates.



For commercial sales and consulting engineers, YORK duct-free mini-split systems solve difficult heating and cooling challenges on job sites where the adjustment of existing systems will not satisfy the need.

A wide portfolio of quality YORK single- and multi-zone duct-free mini-split systems gives you the ability to custom-fit the system to the exacting needs of your customer.

The information contained in this catalog is for illustration purposes only and is subject to change at the sole discretion of Johnson Controls. Statements, figures, calculations, plans, images and representations are only examples. Johnson Controls encourages you, as the purchaser, to analyze your HVAC requirements and to work with Johnson Controls to determine the exact Mini-Split System to fulfill your needs.



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DUCT-FREE MINI-SPLIT SYSTEMS FOR CONTINUOUS COMFORT AND EFFICIENCY

MULTIPLE RESIDENTIAL APPLICATIONS

YORK® duct-free mini-split systems suit a wide range of residential applications including:

Room additions – a practical and economical solution compared to upgrading existing systems.

Apartments, condominiums, and townhouses – an ideal solution compared to the hassle, noise, obstructed view, and other issues associated with typical window units.

Older houses where ducts are not available – a customer-pleasing solution to add air-conditioning without the need for extensive construction or altering of interior spaces.

In the HVAC world, duct-free mini-split systems are known for their higher efficiency and ability to set individual room temperatures. The YORK duct-free mini-split systems achieve high efficiencies by modulating the flow of refrigerant according to the exact demands of individual areas with innovative inverter-driven compressor technology.

YORK duct-free mini-split systems:

- **Save energy.** Duct-free mini-split systems essentially eliminate energy losses that occurs when using ductwork used in conventional central systems. In general, duct losses may account for as much as 30% of energy consumption. In addition, variable-speed compressors in outdoor units provide extremely high part-load efficiency. They are an excellent choice for energy-conscious customers.
- **Are highly flexible.** A selection of heating and cooling or cooling-only system options are available to meet the application's exact capacity and SEER requirements.

- **Provide quiet, customized comfort.** Indoor units operate quietly to meet individual temperature set points for each zone. Variable-speed compressors with wide capacity and precise modulation help maintain the temperature within a narrow range.
- **Offer precise control.** Indoor units are offered with a variety of control options ranging from on/off, set point, load and speed settings to programmable units that enable scheduling. And programmable temperature control by occupancy and schedule offers opportunities for increased savings.



MULTIPLE LIGHT COMMERCIAL APPLICATIONS

YORK® duct-free mini-split systems suit a wide range of applications including:

- **Buildings with remote or separated offices** – such as supermarket administrative offices, manufacturing supervisor offices, parking lot structures and mobile offices at construction sites.
- **Small business applications** – such as convenience stores, fast-food restaurants, coffee shops and daycare centers.
- **Extra and back-up cooling** – such as areas that are mission-critical or areas where cooling demand cannot be met with existing systems.
- **Electrical and IT closets** – ideal solution to add extra cooling to spaces with heat-generating equipment.
- **Wineries or small areas with stringent heating or cooling requirements** – an economical and easy-to-install solution for businesses with the need for tight temperature control.

GET EXPERT ADVICE AT EVERY STEP: SELECT, DESIGN, INSTALL



Industry certified

YORK duct-free mini-split systems are Intertek ETL Listed (Canada & USA), signifying that they comply with the standard of Heating and Cooling Equipment (ANSI/UL 1995 and CAN/CSA C22.2 No. 236-11, 4th Edition, October 14, 2011). The systems are also certified by the Air Conditioning, Heating & Refrigeration Institute.

Effective training, intuitive design and selection software, advanced logistics and delivery, and easily accessible documentation form a powerful support package that adds substantial value to YORK® duct-free mini-split systems.

Training to get your team up to speed fast

Efficient performance, quality installations

Comprehensive training classes provide knowledge and skills necessary to effectively and efficiently install YORK duct-free mini-split systems.

Our world-class training center offers classes with specialized modules and topics that help:

- **Salespeople** submit competitive bids and close deals.
- **Designers** select and configure the right equipment easily and accurately.
- **Installers** learn the proper procedures and complete jobs accurately, on-time and on-budget.
- **Service technicians** maintain, troubleshoot and repair systems efficiently.

The training center, located in Dallas, Texas, includes a laboratory with multiple duct-free mini-split systems to provide hands-on experience with components and controls.

Videos and webinars supplement classroom learning on specific subjects that refresh and enhance the skills of your sales, design, installation and service teams. YORK duct-free mini-split system training programs help deliver the peace of mind that your staff is prepared to support your business with the knowledge to compete in a growing industry.

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INTEGRATED SOFTWARE TOOLS THAT GIVE YOU AN EDGE AND SAVE TIME

Intuitive selection software makes selection easy and seamless

The YORK® duct-free mini-split system selection software intuitively guides you step-by-step through equipment selection, so you can quickly and accurately choose the right system for each project.

Web-based program

The web-based program allows access from any computer or tablet. The software helps you:

- **Use intuitively designed features and functionality** that make the design process easy, fast, and accurate. You can select options and accessories without referring to additional information or performing additional calculations.
- **Gain an edge** by confidently and easily designing duct-free mini-split systems.
- **Easy access to product information helps you work accurately and efficiently.** Our secure web portals, UPGnet.com and VRFPro.com, provide product documentation, technical and service manuals, troubleshooting guides, brochures, videos, technical support, contact information and more.



DEDICATED DUCT-FREE WAREHOUSE AND LOGISTICS EXPERTISE ENSURE CONSISTENT DELIVERY

Get the right equipment to the job site on time

Ample inventory and advanced order management and logistics systems can help you complete installations in a timely manner. Consistent service and predictable deliveries help you prevent delays waiting for essential components and enable

you to set a project timeline and schedule labor efficiently. Fast and accurate parts delivery from our state-of-the-art main distribution center in Memphis, Tennessee – where UPS and FedEx have hubs – helps simplify expedited shipments.



LET'S GO TO WORK – TOGETHER

YORK® duct-free mini-split systems can help grow your business for residential and light commercial conditioning, enabling you to satisfy customers, win more business, and enhance your reputation.

YORK duct-free mini-split systems can be configured to meet your project requirements and deliver exceptional performance. Select from multiple heat pump or air conditioning systems that offer energy savings and give you the ability to select the size that best fits your customers' needs. Both multi-zone and single-zone systems offer multiple indoor unit styles. Multiple filter options help ensure

your systems meet the needs of each individual customer. And users benefit from our variety of control technology options.

Let's explore the many advantages of duct-free mini-split systems together so you can offer multiple options to your customers. On these pages, you can explore detailed information on the full range of YORK duct-free mini-split systems.

A winning product portfolio gives you flexibility to meet your customers' needs

YORK duct-free mini-split systems can help grow your business for residential and light commercial conditioning, enabling you to satisfy customers, win more business and enhance your reputation. A wide

product portfolio enables you to select the mix of systems that best fit your business so you can deliver exceptional energy efficiency and increased occupant comfort to your customers.



DUCT-FREE MINI-SPLIT SINGLE-ZONE SYSTEMS

YORK® duct-free mini-split single-zone systems are designed to address heating and cooling needs of single zone interior spaces. These one-to-one single-zone systems include an outdoor unit matched with an indoor unit. Together they provide a compact, effective solution for any home or light commercial space at an affordable price.

18 SEER – P Series	13
20 SEER – R Series	16
23 SEER – X Series	20
27 SEER – Y Series	24
30 SEER – Z Series	26

Duct-Free Mini-Split Single-Zone Systems Overview

Choose the type, size, and style from a wide selection of systems.

P SERIES 18 SEER SINGLE-ZONE SYSTEM OPTIONS:

Duct-Free Inverter Heat Pump and Cooling-Only Systems with Wall-Mount Indoor Units



9K BTU/h 115V

Heat Pump System (indoor/outdoor)
DHP09NWB11S / DHP09CSB11S

Cooling-Only System (indoor/outdoor)
DCP09NWB11S / DCP09CSB11S

12K BTU/h 115V

Heat Pump System (indoor/Outdoor)
DHP12NWB11S / DHP12CSB11S

Cooling-Only System (indoor/outdoor)
DCP12NWB11S / DCP12CSB11S



9K BTU/h 208/230V

Heat Pump System (indoor/outdoor)
DHP09NWB21S / DHP09CSB21S

Cooling-Only System (indoor/outdoor)
DCP09NWB21S / DCP09CSB21S

12K BTU/h 208/230V

Heat Pump System (indoor/outdoor)
DHP12NWB21S / DHP12CSB21S

Cooling-Only System (indoor/outdoor)
DCP12NWB21S / DCP12CSB21S



18K BTU/h 208/230V

Heat Pump System (indoor/outdoor)
DHP18NWB21S / DHP18CSB21S

Cooling-Only System (indoor/Outdoor)
DCP18NWB21S / DCP18CSB21S

24K BTU/h 208/230V

Heat Pump system (indoor/outdoor)
DHP24NWB21S / DHP24CSB21S

Cooling-Only System (indoor/outdoor)
DCP24NWB21S / DCP24CSB21S



30K BTU/h 208/230V

Heat Pump system (indoor/outdoor)
DHP30NWB21S / DHP30CSB21S

Cooling-Only System (indoor/outdoor)
DCP30NWB21S / DCP30CSB21S



36K BTU/h 208/230V

Heat Pump system (indoor/outdoor)
DHP36NWB21S / DHP36CSB21S

Cooling-Only System (indoor/outdoor)
DCP36NWB21S / DCP36CSB21S

Duct-Free Mini-Split Single-Zone Systems Overview *(continued)*

R SERIES 20 SEER SINGLE-ZONE SYSTEM OPTIONS:

20 SEER / 18K BTU/h 208/230V



Inverter Heat Pump
DHR18CSB21S

Indoor Unit Options



4-Way Ceiling
Cassette Unit
DHR18NKB21S



Ducted Unit
DHR18NDB21S



Floor / Ceiling Unit
DHR18NCB21S

20 SEER / 24K BTU/h 208/230V



Inverter Heat Pump
DHR24CSB21S

Indoor Unit Options



4-Way Ceiling
Cassette Unit
DHR24NKB21S



Ducted Unit
DHR24NDB21S



Floor / Ceiling Unit
DHR24NCB21S

20 SEER / 30K BTU/h 208/230V



Inverter Heat Pump
DHR30CSB21S

Indoor Unit Options



4-Way Ceiling
Cassette Unit
DHR30NKB21S



Ducted Unit
DHR30NDB21S



Floor / Ceiling Unit
DHR30NCB21S

20 SEER / 36K BTU/h 208/230V



Inverter Heat Pump
DHR36CSB21S

Indoor Unit Options



4-Way Ceiling
Cassette Unit
DHR36NKB21S



Ducted Unit
DHR36NDB21S



Floor / Ceiling Unit
DHR36NCB21S

20 SEER / 42K BTU/h 208/230V



Inverter Heat Pump
DHR42CSB21S

Indoor Unit Options



4-Way Ceiling
Cassette Unit
DHR42NKB21S



Ducted Unit
DHR42NDB21S



Floor / Ceiling Unit
DHR42NCB21S

20 SEER / 48K BTU/h 208/230V



Inverter Heat Pump
DHR48CSB21S

Indoor Unit Options



4-Way Ceiling
Cassette Unit
DHR48NKB21S



Ducted Unit
DHR48NDB21S



Floor / Ceiling Unit
DHR48NCB21S

Duct-Free Mini-Split Single-Zone Systems Overview *(continued)*

X SERIES 23 SEER SINGLE-ZONE SYSTEM OPTIONS:

Duct-Free Inverter Heat Pump, Cooling Only and Wall-Mount Units



9K BTU/h 115V

Heat Pump System (indoor/outdoor)
DHX09NWB11S / DHX09CSB11S
Cooling-Only System (indoor/Outdoor)
DCX09NWB11S / DCX09CSB11S

9K BTU/h 208/230V

Heat Pump System (indoor/outdoor)
DHX09NWB21S / DHX09CSB21S
Cooling-Only System (indoor/Outdoor)
DCX09NWB21S / DCX09CSB21S

18K BTU/h 208/230V

Heat Pump System (indoor/outdoor)
DHX18NWB21S / DHX18CSB21S
Cooling-Only System (indoor/Outdoor)
DCX18NWB21S / DCX18CSB21S

12K BTU/h 115V

Heat Pump System (indoor/outdoor)
DHX12NWB11S / DHX12CSB11S
Cooling-Only System (indoor/Outdoor)
DCX12NWB11S / DCX12CSB11S

12K BTU/h 208/230V

Heat Pump System (indoor/Outdoor)
DHX12NWB21S / DHX12CSB21S
Cooling-Only System (indoor/Outdoor)
DCX12NWB21S / DCX12CSB21S

24K BTU/h 208/230V

Heat Pump System (indoor/outdoor)
DHX24NWB21S / DHX24CSB21S
Cooling-Only System (indoor/Outdoor)
DCX24NWB21S / DCX24CSB21S

Y SERIES 27 SEER SINGLE-ZONE SYSTEM OPTIONS:

Duct-Free Inverter Heat Pump and Wall-Mount Units



9K BTU/h 208/230V

Heat Pump System (indoor/outdoor)
DHY09NWB21S / DHY09CSB21S

12K BTU/h 208/230V

Heat Pump System (indoor/outdoor)
DHY12NWB21S / DHY12CSB21S

18K BTU/h 208/230V

Heat Pump System (indoor/outdoor)
DHY18NWB21S / DHY18CSB21S

24K BTU/h 208/230V / 60Hz

Heat Pump System (indoor/outdoor)
DHY24NWB21S / DHY24CSB21S

Z SERIES 30 SEER SINGLE-ZONE SYSTEM OPTIONS:

Inverter Heat Pump and Wall-Mount Units



9K BTU/h 208/230V

Heat Pump system (indoor/outdoor)
DHZ09NWB21S / DHZ09CSB21S

12K BTU/h 208/230V

Heat Pump system (indoor/outdoor)
DHZ12NWB21S / DHZ12CSB21S

18K BTU/h 208/230V

Heat Pump system (indoor/outdoor)
DHZ18NWB21S / DHZ18CSB21S

Duct-Free Mini-Split Single-Zone System Selection

OUTDOOR UNITS								
TONNAGE	.75	1.0	1.5	2.0	2.5	3.0	3.5	4
P Series 18 SEER	●●	●●	●	●	●	●		
R Series 20 SEER			●	●	●	●	●	●
X Series 23 SEER	●●	●●	●	●				
Y Series 27 SEER	●	●	●	●				
Z Series 30 SEER	●	●	●					

● 115 Volts
● 208/230 Volts

WALL-MOUNT UNITS								
TONNAGE	.75	1.0	1.5	2.0	2.5	3.0	3.5	4
P Series 18 SEER	●●	●●	●	●	●	●		
X Series 23 SEER	●●	●●	●	●				
Y Series 27 SEER	●	●	●	●				
Z Series 30 SEER	●	●	●					

● 115 Volts
● 208/230 Volts

FLOOR/CEILING UNITS / CEILING CASSETTE UNITS / DUCTED UNITS								
TONNAGE	.75	1.0	1.5	2.0	2.5	3.0	3.5	4
R Series 20 SEER			●	●	●	●	●	●

● 115 Volts
● 208/230 Volts

DUCT-FREE MINI-SPLIT SINGLE-ZONE SYSTEMS					
STANDARD FEATURES	18 SEER P Series	20 SEER R Series	23 SEER X Series	27 SEER Y Series	30 SEER Z Series
Automatic Operation	●	●	●	●	●
Cooling	●	●	●	●	●
Heating	●	●	●	●	●
Dehumidification	●	●	●	●	●
Fan	●	●	●	●	●
Wi-Fi Function					●
G10 Technology	●	●	●	●	●
1Hz Inverter Technology	●		●	●	●
Energy-Saving	●	●	●	●	●
Sleep Mode	●		●	●	●
4-Sleep Curve				●	
3-Sleep Curve	●		●		
3D Auto Swing (Vertical and Horizontal Auto Swing)	●		●	●	
Up and Down Swing	●	●	●	●	●
Left and Right Swing	●		●	●	●
Fixed-Angle Swing	●		●	●	●
7 Fan Speeds	●		●	●	●
4 Fan Speeds					●
Turbo Cooling & Heating	●		●	●	●
Quiet	●	●	●	●	
iFeel	●	●	●	●	●
Intelligent Preheating	●	●	●	●	●
Intelligent Defrosting	●	●	●	●	●
Auto-Clean	●		●	●	●
Dry Anti-Mildew Design	●		●	●	●
Soft Start	●	●	●	●	●
Self Diagnosis	●		●	●	●
Refrigerant leaking protection	●		●	●	●
Overload Voltage Protection	●	●	●	●	●
Compressor Electric Heater Function	●	●	●	●	
129°F (54°C) Cooling				●	
0°F (-18°C) Low Ambient Cooling	●	●	●	●	
-4°F (-20°C) Low Ambient Heating	●		●	●	
2-Stage Compressor					●
Timer	●	●	●	●	●
Temperature	●	●	●	●	●
Auto Restart	●	●	●	●	●
Lock	●		●	●	●
LED	●		●	●	●
Indoor Unit Matching for one-to-one and multi-zone				●	
Ultra-Thin Design				●	
Double-Sided Drainage	●		●	●	

DUCT-FREE MINI-SPLIT SINGLE-ZONE SYSTEMS					
OPTIONAL FEATURES	18 SEER P Series	20 SEER R Series	23 SEER X Series	27 SEER Y Series	30 SEER Z Series
Wired Controller	●	●	●	●	
Central Controller		●			
Wi-Fi Function	●		●	●	
Photo-Catalyst Filter	●		●	●	●
Active Carbon Filter	●		●	●	●

P SERIES 18 SEER SINGLE-ZONE SYSTEM

115V 9K-12K BTU/h INVERTER HEAT PUMP, COOLING ONLY & WALL-MOUNT UNITS

The slim and stylish 18 SEER Inverter Heat Pump system is built to last and offers intelligent controls.

Key Features

- High-efficiency inverter technology
- Low ambient cooling to 0° F
- Auto swing (vertical)
- Multiple fan speeds



	P SERIES SYSTEM MODELS		DCP09NWB11S DCP09CSB11S	DHP09NWB11S DHP09CSB11S	DCP12NWB11S DCP12CSB11S	DHP12NWB11S DHP12CSB11S
Rated Performance	System Type		Cooling Only	Heat Pump	Cooling Only	Heat Pump
	Rated Cooling Capacity	BTU/h	9000	9000	12000	12000
	Cooling Capacity (Min-Max)	BTU/h	(2,764-10,918)	(2,764-10,918)	(3,753-12,500)	(3,753-12,500)
	Rated Heating Capacity	BTU/h	–	9,600	–	13,000
	Heating Capacity (Min-Max)	BTU/h	–	(2,081-12,283)	–	(3,412-15,013)
	EER		9.55	9.55	10.55	10.55
	SEER		16	16	16	16
	HSPF		–	9	–	9
Electrical Data	Rated Voltage	V-PH-Hz	115-1-60	115-1-60	115-1-60	115-1-60
	Rated Cooling Current	Amps	10.9	10.9	12.4	12.4
	Rated Heating Current	Amps	–	10.2	–	13.5
	MCA	Amps	17	17	20	20
	MOCP	Amps	25	25	30	30
Indoor Wall-Mount Unit	Indoor Model Number		DCP09NWB11S	DHP09NWB11S	DCP12NWB11S	DHP12NWB11S
	Set Temperature Range	°F (°C)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)
	Airflow High to Low	CFM	318/288/241/171	318/288/241/171	400/318/241/194	400/318/241/194
	Sound Pressure Level High to Low	dB(A)	42/38/34/28	42/38/34/28	43/39/35/29	43/39/35/29
	Unit Dimension (WxHxD)	in. (mm)	31×11× 8 (790×275×200)	31×11× 8 (790×275×200)	33×11×8 (845×289×209)	33×11×8 (845×289×209)
	Net / Gross Weight	lbs (kg)	20/24 (9/11)	20/24 (9/11)	22/28 (10/13)	22/28 (10/13)
Outdoor Unit	Outdoor Model Number		DCP09CSB11S	DHP09CSB11S	DCP12CSB11S	DHP12CSB11S
	Operation Range - Cooling	°F (°C)	0-115 (-18-46)	0-115 (-18-46)	0-115 (-18-46)	0-115 (-18-46)
	Operation Range - Heating	°F (°C)	–	-4-75 (-20-24)	–	-4-75 (-20-24)
	Refrigerant		R410A	R410A	R410A	R410A
	Refrigerant Charge	oz (kg)	24.7 (0.7)	24.7 (0.7)	31.8 (0.9)	31.8 (0.9)
	Unit Dimension (WxHxD)	in. (mm)	33×21×12.5 (848×540×320)	33×21×12.5 (848×540×320)	33×21×12.5 (848×540×320)	33×21×12.5 (848×540×320)
	Net / Gross Weight	lbs (kg)	60/65 (27/30)	63/68 (29.31)	64/40 (29/32)	67/73 (31/33)
	Sound Pressure Level dB(A)	dB(A)	51	53	51	53
Piping	Max. Total Piping Length	ft. (m)	49.2 (15)	49.2 (15)	65.6 (20)	65.6 (20)
	Max. Total Piping Height	ft. (m)	32.8 (10)	32.8 (10)	32.8 (10)	32.8 (10)
	Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	1/4
	Piping Connection - Gas (O.D.)	in.	3/8	3/8	3/8	3/8
	Piping Connection - Drain (O.D.)	in.	5/8	5/8	5/8	5/8

Please refer to Product submittals for gas/liquid lines port sizes
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
 Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or change at any time, specifications or designs without notice or without incurring obligations.

P SERIES 18 SEER SINGLE-ZONE SYSTEM

208/230V 9K-18K BTU/h INVERTER HEAT PUMP, COOLING ONLY & WALL-MOUNT UNITS



Standard
Wireless
Remote Controller
MODEL DRCPX



Optional
Wired Zone
Controller
MODEL DWCPXY



P SERIES SYSTEM MODELS			DCP09NWB21S DCP09CSB21S	DHP09NWB21S DHP09CSB21S	DCP12NWB21S DCP12CSB21S	DHP12NWB21S DHP12CSB21S	DCP18NWB21S DCP18CSB21S	DHP18NWB21S DHP18CSB21S
Rated Performance	System Type		Cooling Only	Heat Pump	Cooling Only	Heat Pump	Cooling Only	Heat Pump
	Rated Cooling Capacity	BTU/h	9,000	9,000	12,000	12,000	18,000	18,000
	Cooling Capacity (Min-Max)	BTU/h	3,099-9,599	3,099-9,599	3,753-12,500	3,753-12,500	7,165-20,000	7,165-20,000
	Rated Heating Capacity	BTU/h	-	9,500	-	13,000	-	19,000
	Heating Capacity (Min-Max)	BTU/h	-	3,100-12,000	-	3,924-14,000	-	7,336-23,498
	EER		10	10	9.25	9.25	9.5	9
	SEER		16	16	16	16	16	16
	HSPF		-	9	-	9	-	9
Electrical Data	Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	Rated Cooling Current	Amps	4	4	5.8	5.8	8	8.5
	Rated Heating Current	Amps	-	3.6	-	5.6	-	8.9
	MCA	Amps	9	9	9	9	16	16
	MOCP	Amps	15	15	15	15	25	25
Indoor Wall-Mount Unit	Indoor Model Number		DCP09NWB21S	DHP09NWB21S	DCP12NWB21S	DHP12NWB21S	DCP18NWB21S	DHP18NWB21S
	Set Temperature Range	°F (°C)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)
	Airflow High to Low	CFM	318/288/241/171	318/288/241/171	400/318/241/194	400/318/241/194	471/403/341/282	471/403/341/282
	Sound Pressure Level High to Low	dB(A)	42/38/34/28	42/38/34/28	43/39/35/29	43/39/35/29	46/42/39/35	46/42/39/35
	Unit Dimension (WxHxD)	in. (mm)	31x11x 8 (790x275x200)	31x11x 8 (790x275x200)	33x11x8 (845x289x209)	33x11x8 (845x289x209)	38x12x9 (970x300x224)	38x12x9 (970x300x224)
	Net / Gross Weight	lbs (kg)	20/24 (9/11)	20/24 (9/11)	22/28 (10/13)	22/28 (10/13)	30/36 (13.5/16.5)	30/36 (13.5/16.5)
	Outdoor Unit	Outdoor Model Number		DCP09CSB21S	DHP09CSB21S	DCP12CSB21S	DHP12CSB21S	DCP18CSB21S
Operation Range - Cooling		°F (°C)	0-115 (-18-46)	0-115 (-18-46)	0-115 (-18-46)	0-115 (-18-46)	0-115 (-18-46)	0-115 (-18-46)
Operation Range - Heating		°F (°C)	-	-4-75 (-20-24)	-	-4-75 (-20-24)	-	-4-75 (-20-24)
Refrigerant			R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant Charge		oz (kg)	24.7 (0.7)	24.7 (0.7)	30 (0.85)	30 (0.85)	35.3 (1)	49.4 (1.4)
Unit Dimension (WxHxD)		in. (mm)	30.5x21x12.5 (776x540x320)	30.5x21x12.5 (776x540x320)	30.5x21x12.5 (776x540x320)	30.5x21x12.5 (776x540x320)	38x28x16 (955x700x396)	38x28x16 (955x700x396)
Net / Gross Weight		lbs (kg)	66/72 (30/32)	65/70 (29/32)	71/76 (32/35)	70/75 (32/35)	90/100 (41/46)	96/106 (44/48)
Sound Pressure Level dB(A)		dB(A)	52	52	53	53	56	56
Piping		Max. Total Piping Length	ft. (m)	49.5 (15)	49.5 (15)	65.6 (20)	65.6 (20)	82 (25)
	Max. Total Piping Height	ft. (m)	32.8 (10)	32.8 (10)	32.8 (10)	32.8 (10)	32.8 (10)	32.8 (10)
	Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	1/4	1/4	1/4
	Piping Connection - Gas (O.D.)	in.	3/8	3/8	3/8	3/8	1/2	1/2
	Piping Connection - Drain (O.D.)	in.	5/8	5/8	5/8	5/8	5/8	5/8

Please refer to Product submittals for gas/liquid lines port sizes
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
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P SERIES 18 SEER SINGLE-ZONE SYSTEM

208/230V 24K-36K BTU/h INVERTER HEAT PUMP, COOLING ONLY & WALL-MOUNT UNITS



Standard
Wireless
Remote Controller
MODEL DRCPX



Optional
Wired Zone
Controller
MODEL DWCPXY



P SERIES SYSTEM MODELS			DCP24NWB21S DCP24CSB21S	DHP24NWB21S DHP24CSB21S	DCP30NWB21S DCP30CSB21S	DHP30NWB21S DHP30CSB21S	DCP36NWB21S DCP36CSB21S	DHP36NWB21S DHP36CSB21S
Rated Performance	System Type		Cooling Only	Heat Pump	Cooling Only	Heat Pump	Cooling Only	Heat Pump
	Rated Cooling Capacity	BTU/h	22,000	22,000	28,000	28,000	33,600	33,600
	Cooling Capacity (Min-Max)	BTU/h	8,630-23,200	8,630-23,200	9,485-30,025	9,485-30,025	7,404-35,997	7,404-35,997
	Rated Heating Capacity	BTU/h	-	23,000	-	28,400	-	34,600
	Heating Capacity (Min-Max)	BTU/h	-	8,650-26,000	-	9,997-32,994	-	14,979-35,997
	EER		9.75	9.75	10.35	10.35	8.2	8.2
	SEER		16	16	18	18	18	18
	HSPF		-	9	-	9	-	9
Electrical Data	Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	Rated Cooling Current	Amps	10	10	11.5	11.5	17	17
	Rated Heating Current	Amps	-	10.2	-	12	-	16.5
	MCA	Amps	15	16	20	20	24	24
	MOCP	Amps	25	25	30	30	40	40
Indoor Wall-Mount Unit	Indoor Model Number		DCP24NWB21S	DHP24NWB21S	DCP30NWB21S	DHP30NWB21S	DCP36NWB21S	DHP36NWB21S
	Set Temperature Range	°F (°C)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)
	Airflow High to Low	CFM	706/647/588/530	706/647/588/530	706/618/530/412	706/618/530/412	736/647/530/0/412	736/647/530/0/412
	Sound Pressure Level High to Low	dB(A)	48/44/40/36	48/44/40/36	51/45/41/37	51/45/41/37	54/49/44/37	54/49/44/37
	Unit Dimension (WxHxD)	in. (mm)	42x13x10 (1078x325x246)	42x13x10 (1078x325x246)	53x13x10 (1350x326x253)	53x13x10 (1350x326x253)	53x13x10 (1350x326x253)	53x13x10 (1350x326x253)
	Net / Gross Weight	lbs (kg)	38/45 (17/21)	38/45 (17/21)	42/52 (19/24)	42/52 (19/24)	42/52 (19/24)	42/52 (19/24)
	Outdoor Unit	Outdoor Model Number		DCP24CSB21S	DHP24CSB21S	DCP30CSB21S	DHP30CSB21S	DCP36CSB21S
Operation Range - Cooling		°F (°C)	0-115 (-18-46)	0-115 (-18-46)	0-115 (-18-46)	0-115 (-18-46)	0-109 (-20-24)	0-109 (-20-24)
Operation Range - Heating		°F (°C)	-	-4-75 (-20-24)	-	-4-75 (-20-24)	-	-4-75 (-20-24)
Refrigerant			R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant Charge		oz (kg)	65.3 (1.85)	56.5 (1.6)	85 (2.4)	85 (2.4)	85 (2.4)	92 (2.6)
Unit Dimension (WxHxD)		in. (mm)	38x28x16 (955x700x396)	38x28x16 (955x700x396)	39x31x17 (980x790x427)	39x31x17 (980x790x427)	39x31x17 (980x790x427)	39x31x17 (980x790x427)
Net / Gross Weight		lbs (kg)	66/72 (30/32)	65/70 (29/32)	152/163 (69/74)	154/165 (70/75)	161/171 (73/78)	154/165 (70/75)
Sound Pressure Level dB(A)		dB(A)	59	59	62	62	65	65
Piping		Max. Total Piping Length	ft. (m)	82 (25)	82 (25)	98.4 (30)	98.4 (30)	98.4 (30)
	Max. Total Piping Height	ft. (m)	32.8 (10)	32.8 (10)	32.8 (10)	32.8 (10)	32.8 (10)	32.8 (10)
	Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	1/4	1/4	1/4
	Piping Connection - Gas (O.D.)	in.	5/8	5/8	5/8	5/8	5/8	5/8
	Piping Connection - Drain (O.D.)	in.	5/8	5/8	5/8	5/8	5/8	5/8

Please refer to Product submittals for gas/liquid lines port sizes
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
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R SERIES 20 SEER SINGLE-ZONE SYSTEM

208/230V 18K-48K BTU/h INVERTER HEAT PUMP

Powered by an energy-efficient inverter and variable-speed compressor, the duct-free Inverter Heat Pump saves energy, reduces outdoor noise and maintains room temperature by eliminating the harsh starts and stops of conventional systems.



Key Features

- Range of capacities to suit any space
- Low ambient cooling down to 0° F
- Multipoint diagnostics
- Heavy-gauge steel cabinet
- Sound levels as low as 56 dB

R SERIES SYSTEMS MODELS			DHR18CSB21S	DHR24CSB21S	DHR30CSB21S	DHR36CSB21S	DHR42CSB21S	DHR48CSB21S
Rated Performance	System Type		Heat Pump					
	Rated Cooling Capacity	BTU/h	17,100	23,800	28,200	34,000	39,500	48,000
	Cooling Capacity (Min-Max)	BTU/h	5,400-18,700	8,200-29,000	8,800-31,400	10,800-39,000	11,000-41,000	20,400-50,500
	Rated Heating Capacity	BTU/h	18,400	27,200	31,200	41,000	44,000	54,500
Electrical Data	Heating Capacity (Min-Max)	BTU/h	4,700-22,200	8,200-32,400	8,200-33,600	9,800-49,500	12,000-51,000	17,500-61,500
	Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	Rated Cooling Current	Amps	12.8	19.4	20	23.8	24.3	34.3
	Rated Heating Current	Amps	12.3	20.5	21	24.3	25.1	33.3
	MCA*	Amps	17	24	24	29	31	45
Outdoor Unit	MOCPS*	Amps	25	40	40	45	50	70
	Operation Range - Cooling	*F (°C)	0-115 (-18 ~ 46)	0-115 (-18 ~ 46)	0-115 (-18 ~ 46)	0-115 (-18 ~ 46)	0-115 (-18 ~ 46)	0-115 (-18 ~ 46)
	Operation Range - Heating	*F (°C)	0-75 (-18 ~ 24)	0-75 (-18 ~ 24)	0-75 (-18 ~ 24)	0-75 (-18 ~ 24)	0-75 (-18 ~ 24)	0-75 (-18 ~ 24)
	Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A
	Refrigerant Charge	oz (kg)	49.6 (1.4)	78.4 (2.2)	84.8 (2.4)	123.2 (3.5)	131.2 (3.7)	141.8 (4)
	Unit Dimension (WxHxD)	in. (mm)	38x28x16 (965x711x406)	39x31x17 (991x797x432)	39x31x17 (991x797x432)	43.5x43x17 (1107x1100x440)	37.7x53x16 (958x1349x412)	38x53x16 (965x1346x406)
	Net / Gross Weight	lbs (kg)	106/115 (48/52)	152/163 (69/74)	159/180 (72/82)	205/223 (93/101)	210/232 (95/105)	232/254 (105/115)
Piping	Sound Pressure Level	dB(A)	56	57	58	63	61	59
	Max. Total Piping Length	ft. (m)	66 (20)	98 (30)	98 (30)	98 (30)	164 (50)	164 (50)
	Max. Total Piping Height	ft. (m)	49 (15)	49 (15)	49 (15)	49 (15)	98 (30)	98 (30)
	Piping Connection - Liquid (O.D.)	in.	1/4	3/8	3/8	3/8	3/8	3/8
	Piping Connection - Gas (O.D.)	in.	1/2	5/8	5/8	5/8	5/8	5/8
	Piping Connection - Drain (O.D.)	in.	5/8	5/8	5/8	5/8	5/8	5/8

Please refer to Product submittals for gas/liquid lines port sizes
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
 Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or change at any time, specifications or designs without notice or without incurring obligations.
 *IDU&ODU require separate power source.

R SERIES 20 SEER SINGLE-ZONE SYSTEM

4-WAY CEILING CASSETTE UNIT

Our 4-Way Ceiling Cassette Unit provides quiet performance through innovative design. Cassettes are easily installed in suspended ceilings, distributing conditioned air evenly throughout the room from a discreet discharge grille. The Ceiling Cassette Unit is a suitable choice for any room with a suspended ceiling.



Key Features

- Multi-speed fan
- Infrared remote control
- Internal condensate drain pump
- Remote control lockout
- Swing louver
- Cleanable air filter
- 4-way air discharge

Controls



Optional
 Wired Central Controller
 MODEL DCCRMW



Optional
 Wired Zone Controller
 MODEL DWCR



Standard
 Wireless Remote Controller
 MODEL DRCR

CEILING CASSETTE MODELS			DHR18NKB21S	DHR24NKB21S	DHR30NKB21S	DHR36NKB21S	DHR42NKB21S	DHR48NKB21S
Rated Performance	System Type		Heat Pump					
	Rated Cooling Capacity	BTU/h	17,000	23,800	28,200	34,000	39,500	48,000
	Cooling Capacity (Min-Max)	BTU/h	5,400-18,700	8,200-29,000	8,800-31,400	10,800-39,000	11,000-41,000	20,400-50,500
	Rated Heating Capacity	BTU/h	18,400	27,200	31,200	41,000	44,000	54,500
	Heating Capacity (Min-Max)	BTU/h	4,700-22,200	8,200-32,400	8,200-33,600	9,800-49,500	12,000-51,000	17,500-61,500
	EER	(Btu/h)/W	10.05	10.65	10	10.4	8.95	8.2
	SEER		16	20	20	16	16	16
	HSPF		9	10	9	9	9	9
	Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	MCA*	A	1	1	1.5	1.5	1.5	2
Electrical Data	MOCPS*	A	15	15	15	15	15	15
	Airflow High to Low	CFM	588/553/482/412	767/738/679/590	885/826/767/590	1097/1033/915/796	1097/1033/915/797	1357/1298/1121/885
	Sound Pressure Level High to Low	dB(A)	47/46/44/37	47/46/42/38	49/48/45/40	51/49/46/43	51/49/46/43	53/52/47/41
	Unit Dimension (WxHxD)	in.(mm)	26.5x9.5x23.5 (674x242x597)	37.5x9.5x31 (953x242x789)	37.5x9.5x31 (953x242x789)	37.5x9.5x31 (953x242x789)	39x12.5x38 (993x318x966)	40x11.5x35.8 (1016x292x910)
	Net / Gross Weight	lbs (kg)	44/53 (20/24)	60/84 (27/38)	71/97 (32/44)	71/97 (32/44)	71/97 (32/44)	95/110 (43/50)
	Panel Part Number		PNLR03	PNLR04	PNLR04	PNLR04	PNLR04	PNLR05
	Panel Dimension (WxHxD)	in.(mm)	26.5x2x26.5 (674x51x674)	37.5x2.5x37.5 (953x64x953)	37.5x2.5x37.5 (953x64x953)	37.5x2.5x37.5 (953x64x953)	41x3x41 (1042x77x1042)	44x3x44 (1042x77x1042)
	Panel Net / Gross Weight	lbs (kg)	8/11 (4/5)	15/24 (7/11)	15/24 (7/11)	15/24 (7/11)	15/24 (7/11)	18/27 (8.5/12)
	Piping Connection - Liquid (O.D.)	in.	1/4	3/8	3/8	3/8	3/8	3/8
	Piping Connection - Gas (O.D.)	in.	1/2	5/8	5/8	5/8	5/8	5/8
Piping	Piping Connection - Drain (O.D.)	in.	1	1	1	1	1	1

Please refer to Product submittals for gas/liquid lines port sizes
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
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 *IDU&ODU require separate power source.

R SERIES 20 SEER SINGLE-ZONE SYSTEM

DUCTED UNIT

Compact and powerful, the concealed Ducted Unit offers exceptional flexibility and discretion. Concealed above suspended ceilings or in open closet spaces, it delivers conditioned air through ducting and ceiling or wall grilles, providing immense flexibility in air distribution and choice of grille or diffuser.



Key Features

- Medium static pressure capability
- Internal condensate drain pump
- Easy-to-operate, wall-mounted wired controller



Standard
Wired Zone
Controller
MODEL DWCR



Optional
Wired Central
Controller
MODEL DCCRMW

DUCTED UNIT MODELS		DHR18NDB21S	DHR24NDB21S	DHR30NDB21S	DHR36NDB21S	DHR42NDB21S	DHR48NDB21S
System Type		Heat Pump					
Rated Cooling Capacity	BTU/h	17,100	23,800	28,200	34,000	39,500	48,000
Cooling Capacity (Min-Max)	BTU/h	5,400-18,700	8,200-29,000	8,200-29,600	10,800-39,000	12,000-42,500	20,400-49,500
Rated Heating Capacity	BTU/h	18,800	27,200	31,200	41,000	44,000	54,500
Heating Capacity (Min-Max)	BTU/h	4,700-23,200	8,200-32,400	8,200-33,600	9,800-49,500	13,000-52,500	17,500-58,000
EER	(Btu/h)/W	11	10.65	8.55	10.35	9.5	9.05
SEER	(Btu/h)/W	16	16	16	16	16	16
HSPF	(Btu/h)/W	9.5	10	9	9	9	9
Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
MCA*	A	1	2	2	3	3	5
MOCP*	A	15	15	15	15	15	15
Airflow High to Low	CFM	588/529/412/382	826/767/708/531	826/767/708/531	1180/1121/1003/826	1180/1121/1003/826	1475/1357/1210/944
Sound Pressure Level High to Low	dB(A)	40/39/36/28	47/46/44/40	47/46/44/40	55/52/48/45	53/52/48/44	53/51/46/41
Unit Dimension (WxHxD)	in.(mm)	41x28x11 (1041x711x279)	50x21x11 (1270x559x279)	50x22x11 (1270x559x279)	48x31x11 (1219x787x279)	48.3x30.5x1 (1219x787x279)	53x29.5x14 (1346x762x356)
Net / Gross Weight	lbs (kg)	73/84 (33/38)	75/86 (34/39)	75/86 (34/39)	101/117 (46/53)	101/117 (46/53)	124/143 (56/65)
Piping Connection - Liquid (O.D.)	in.	1/4	3/8	3/8	3/8	3/8	3/8
Piping Connection - Gas (O.D.)	in.	1/2	5/8	5/8	5/8	5/8	5/8
Piping Connection - Drain (O.D.)	in.	1	1	1	1	1	1

Please refer to Product submittals for gas/liquid lines port sizes
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
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 *IDU&ODU require separate power source.



R SERIES 20 SEER SINGLE-ZONE SYSTEM

FLOOR / CEILING UNIT

The convertible Floor/Ceiling unit is designed to be suspended from a ceiling or mounted low on a wall in areas where wall space is limited. Aesthetically pleasing, it is a great fit beneath windows. Units can be operated by infrared remote control or wired controller for maximum flexibility.



Key Features

- 4-way air discharge
- Multi-speed fan
- Infrared remote control
- Swing louver
- Remote control lockout



Standard
Wireless Remote
Controller
MODEL DRCR



Optional
Wired Central
Controller
MODEL DCCRMW



Optional
Wired Zone
Controller
MODEL DWCR

FLOOR / CEILING MODELS		DHR18NCB21S	DHR24NCB21S	DHR30NCB21S	DHR36NCB21S	DHR42NCB21S	DHR48NCB21S
System Type		Heat Pump					
Rated Cooling Capacity	BTU/h	17,100	23,800	28,200	34,000	39,500	48,000
Cooling Capacity (Min-Max)	BTU/h	5,400-19,800	8,200-27,800	8,200-31,400	10,800-39,000	12,000-42,500	20,400-50,500
Rated Heating Capacity	BTU/h	19,100	27,200	31,200	41,000	44,000	54,500
Heating Capacity (Min-Max)	BTU/h	4,700-23,200	8,200-30,600	8,200-33,600	9,800-49,500	13,000-52,500	17,500-61,500
EER	(Btu/h)/W	11	10.65	9.85	10.35	9.4	8.3
SEER	(Btu/h)/W	16	16	17	16	16	16
HSPF	(Btu/h)/W	9.5	10	9	9	9	9
Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
MCA*	A	1	1	2	2	2	3
MOCP*	A	15	15	15	15	15	15
Airflow High to Low	CFM	588/553/482/412	708/679/620/484	885/826/797/590	1121/1062/826/708	1121/1062/826/708	1121/1062/826/708
Sound Pressure Level High to Low	dB(A)	44/42/38/32	49/48/46/40	49/46/44/38	54/53/51/46	55/54/52/47	56/55/50/43
Unit Dimension (WxHxD)	in.(mm)	48x27.5x8.9 (1347x318x826)	48x27.5x9 (1347x318x826)	56x27.5x9.6 (1550x357x839)	55.9x27.6x9.6 (1420x700x245)	55.9x27.5x9.6 (1420x700x245)	66.9x27.5x9.6 (1700x700x245)
Net / Gross Weight	lbs (kg)	86/106 (39/48)	88/110 (40/50)	106/124 (48/56.5)	106/124 (48/56.5)	110/128 (50/58)	130/150 (58/68)
Piping Connection - Liquid (O.D.)	in.	1/4	3/8	3/8	3/8	3/8	3/8
Piping Connection - Gas (O.D.)	in.	1/2	5/8	5/8	5/8	5/8	5/8
Piping Connection - Drain (O.D.)	in.	1	1	1	1	1	1

Please refer to Product submittals for gas/liquid lines port sizes
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
 Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or change at any time, specifications or designs without notice or without incurring obligations.
 *IDU&ODU require separate power source.



X SERIES 23 SEER SINGLE-ZONE SYSTEM

**208/230V 9K-12K BTU/h
INVERTER HEAT PUMP, COOLING ONLY
& WALL-MOUNT UNITS**

The high-efficiency Inverter Heat Pump is solidly built for years of dependable, energy-saving service. The Wall-Mount Unit is aesthetically pleasing and minimalistic, blending well with any decor. And the convenient control center allows complete control of temperature, operation, fan speed, airflow direction and more.



Key Features:

- High-efficiency inverter technology
- Heavy-gauge steel frame construction
- Quiet operation
- Corrosion-resistant coating
- Provides energy savings by defrosting as needed, thus reducing energy consumption



Standard
Wireless
Remote Controller
MODEL DRCPX



Optional
Wired Zone
Controller
MODEL DWCPXY

9K BTU/h 115V						
<table border="0"> <tr> <td>Wall-Mount Unit</td> <td>DHX09NWB11S</td> </tr> <tr> <td>Inverter Heat Pump</td> <td>DHX09CSB11S</td> </tr> <tr> <td>Cooling Only</td> <td>DCX09CSB11S</td> </tr> </table>	Wall-Mount Unit	DHX09NWB11S	Inverter Heat Pump	DHX09CSB11S	Cooling Only	DCX09CSB11S
Wall-Mount Unit	DHX09NWB11S					
Inverter Heat Pump	DHX09CSB11S					
Cooling Only	DCX09CSB11S					
12K BTU/h 115V						
<table border="0"> <tr> <td>Wall-Mount Unit</td> <td>DHX12NWB11S</td> </tr> <tr> <td>Inverter Heat Pump</td> <td>DHX12CSB11S</td> </tr> <tr> <td>Cooling Only</td> <td>DCX12CSB11S</td> </tr> </table>	Wall-Mount Unit	DHX12NWB11S	Inverter Heat Pump	DHX12CSB11S	Cooling Only	DCX12CSB11S
Wall-Mount Unit	DHX12NWB11S					
Inverter Heat Pump	DHX12CSB11S					
Cooling Only	DCX12CSB11S					
9K BTU/h 208/230V						
<table border="0"> <tr> <td>Wall-Mount Unit</td> <td>DHX09NWB21S</td> </tr> <tr> <td>Inverter Heat Pump</td> <td>DHX09CSB21S</td> </tr> <tr> <td>Cooling Only</td> <td>DCX09CSB21S</td> </tr> </table>	Wall-Mount Unit	DHX09NWB21S	Inverter Heat Pump	DHX09CSB21S	Cooling Only	DCX09CSB21S
Wall-Mount Unit	DHX09NWB21S					
Inverter Heat Pump	DHX09CSB21S					
Cooling Only	DCX09CSB21S					
12K BTU/h 208/230V						
<table border="0"> <tr> <td>Wall-Mount Unit</td> <td>DHX12NWB21S</td> </tr> <tr> <td>Inverter Heat Pump</td> <td>DHX12CSB21S</td> </tr> <tr> <td>Cooling Only</td> <td>DCX12CSB21S</td> </tr> </table>	Wall-Mount Unit	DHX12NWB21S	Inverter Heat Pump	DHX12CSB21S	Cooling Only	DCX12CSB21S
Wall-Mount Unit	DHX12NWB21S					
Inverter Heat Pump	DHX12CSB21S					
Cooling Only	DCX12CSB21S					
18K BTU/h 208/230V						
<table border="0"> <tr> <td>Wall-Mount Unit</td> <td>DHX18NWB21S</td> </tr> <tr> <td>Inverter Heat Pump</td> <td>DHX18CSB21S</td> </tr> <tr> <td>Cooling Only</td> <td>DCX18CSB21S</td> </tr> </table>	Wall-Mount Unit	DHX18NWB21S	Inverter Heat Pump	DHX18CSB21S	Cooling Only	DCX18CSB21S
Wall-Mount Unit	DHX18NWB21S					
Inverter Heat Pump	DHX18CSB21S					
Cooling Only	DCX18CSB21S					
24K BTU/h 208/230V						
<table border="0"> <tr> <td>Wall-Mount Unit</td> <td>DHX24NWB21S</td> </tr> <tr> <td>Inverter Heat Pump</td> <td>DHX24CSB21S</td> </tr> <tr> <td>Cooling Only</td> <td>DCX24CSB21S</td> </tr> </table>	Wall-Mount Unit	DHX24NWB21S	Inverter Heat Pump	DHX24CSB21S	Cooling Only	DCX24CSB21S
Wall-Mount Unit	DHX24NWB21S					
Inverter Heat Pump	DHX24CSB21S					
Cooling Only	DCX24CSB21S					



X SERIES 23 SEER SINGLE-ZONE SYSTEM

**208/230V 9K-12K BTU/h INVERTER HEAT PUMP,
COOLING ONLY & WALL-MOUNT UNITS**



115V 9k-12k BTU/h	X SERIES SYSTEM MODELS		DCX09NWB11S DCX09CSB11S	DHX09NWB11S DHX09CSB11S	DCX12NWB11S DCX12CSB11S	DHX12NWB11S DHX12CSB11S
Rated Performance	System Type		Cooling Only	Heat Pump	Cooling Only	Heat Pump
	Rated Cooling Capacity	BTU/h	9000	9000	12000	12000
	Cooling Capacity (Min-Max)	BTU/h	(2,764-10,918)	(2,764-10,918)	(3,514-14,569)	(3,514-14,569)
	Rated Heating Capacity	BTU/h	-	9,900	-	12,200
	Heating Capacity (Min-Max)	BTU/h	-	(2,081-13,989)	-	(2,764-16,582)
	EER		13	13	13	12.5
	SEER		23	23	22	22
	HSPF		-	10.5	-	10.2
Electrical Data	Rated Voltage	V-PH-Hz	115-1-60	115-1-60	115-1-60	115-1-60
	Rated Cooling Current	Amps	6.2	6.2	8.8	8.8
	Rated Heating Current	Amps	-	6.21	-	8.8
	MCA	Amps	12	12	15	15
	MOCP	Amps	20	20	25	25
Indoor Wall-Mount Unit	Indoor Model Number		DCX09NWB11S	DHX09NWB11S	DCX12NWB11S	DHX12NWB11S
	Set Temperature Range	°F (°C)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)
	Airflow High to Low	CFM	400/288/241/171	400/288/241/171	400/288/241/171	400/288/241/171
	Sound Pressure Level High to Low	dB(A)	43/38/32/26	43/38/32/26	45/40/34/28	45/40/34/28
	Unit Dimension (WxHxD)	in. (mm)	33×11×8 (845×289×209)	33×11×8 (845×289×209)	33×11×8 (845×289×209)	33×11×8 (845×289×209)
	Net / Gross Weight	lbs (kg)	23/28 (11/13)	23/28 (11/13)	23/28 (11/13)	23/28 (11/13)
	Outdoor Unit	Outdoor Model Number		DCX09CSB11S	DHX09CSB11S	DCX12CSB11S
Operation Range - Cooling		°F (°C)	0-115 (-18-46)	0-115 (-18-46)	0-115 (-18-46)	0-115 (-18-46)
Operation Range - Heating		°F (°C)		-4-75 (-20-24)		-4-75 (-20-24)
Refrigerant			R410A	R410A	R410A	R410A
Refrigerant Charge		oz (kg)	42.3 (1.2)	42.3 (1.2)	47.6 (1.4)	47.6 (1.4)
Unit Dimension (WxHxD)		in. (mm)	33×21×12.5 (848×540×320)	33×21×12.5 (848×540×320)	33×21×12.5 (848×540×320)	33×21×12.5 (848×540×320)
Net / Gross Weight		lbs (kg)	63/68 (29/31)	72/77 (33/35)	77/83 (35/38)	74/81 (34/37)
Sound Pressure Level dB(A)		dB(A)	53	53	53	53
Piping	Max. Total Piping Length	ft. (m)	49.2 (15)	49.2 (15)	65.6 (20)	65.6 (20)
	Max. Total Piping Height	ft. (m)	32.8 (10)	32.8 (10)	32.8 (10)	32.8 (10)
	Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	1/4
	Piping Connection - Gas (O.D.)	in.	3/8	3/8	1/2	1/2
	Piping Connection - Drain (O.D.)	in.	5/8	5/8	5/8	5/8

Please refer to Product submittals for gas/liquid lines port sizes
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
 Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or change at any time, specifications or designs without notice or without incurring obligations.

X SERIES 23 SEER SINGLE-ZONE SYSTEM

208/230V 9K-12K BTU/h INVERTER HEAT PUMP, COOLING ONLY & WALL-MOUNT UNITS



208V 9k-12k BTU/h	X SERIES SYSTEM MODELS		DCX09NWB21S DCX09CSB21S	DHX09NWB21S DHX09CSB21S	DCX12NWB21S DCX12CSB21S	DHX12NWB21S DHX12CSB21S
Rated Performance	System Type		Cooling Only	Heat Pump	Cooling Only	Heat Pump
	Rated Cooling Capacity	BTU/h	9,000	9,000	12,000	12,000
	Cooling Capacity (Min-Max)	BTU/h	3,099-9,599	3,099-9,599	3,099-12,999	3,099-12,999
	Rated Heating Capacity	BTU/h	-	11,000	-	13,000
	Heating Capacity (Min-Max)	BTU/h	-	1,911-12,000	-	2,400-14,000
	EER		14	14.29	13	12.5
	SEER		23	23	22	22
	HSPF		-	10.5	-	10.1
Electrical Data	Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	Rated Cooling Current	Amps	2.8	2.8	4.5	4.5
	Rated Heating Current	Amps	-	3.5	-	5.5
	MCA	Amps	9	9	9	9
	MOCP	Amps	15	15	15	15
Indoor Wall-Mounted Unit	Indoor Model Number		DCX09NWB21S	DHX09NWB21S	DCX12NWB21S	DHX12NWB21S
	Set Temperature Range	°F (°C)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)
	Airflow High to Low	CFM	377/288/241/171	318/288/241/171	400/318/241/194	400/318/241/194
	Sound Pressure Level High to Low	dB(A)	43/39/35/29	43/39/35/29	45/39/35/29	45/39/35/29
	Unit Dimension (WxHxD)	in. (mm)	33x11x8 (845x289x209)	33x11x8 (845x289x209)	33x11x8 (845x289x209)	33x11x8 (845x289x209)
	Net / Gross Weight	lbs (kg)	22/26.5 (10/12)	22/26.5 (10/12)	22/26.5 (10/12)	22/26.5 (10/12)
Outdoor Unit	Outdoor Model Number		DCX09CSB21S	DHX09CSB21S	DCX12CSB21S	DHX12CSB21S
	Operation Range - Cooling	°F (°C)	0-115 (-18-46)	0-115 (-18-46)	0-115 (-18-46)	0-115 (-18-46)
	Operation Range - Heating	°F (°C)	-	-4-75 (-20-24)	-	-4-75 (-20-24)
	Refrigerant		R410A	R410A	R410A	R410A
	Refrigerant Charge	oz (kg)	46 (1.3)	46 (1.3)	48 (1.4)	48 (1.4)
	Unit Dimension (WxHxD)	in. (mm)	33x21x13 (848x540x320)	33x21x13 (848x540x320)	33x21x13 (848x540x320)	33x21x13 (848x540x320)
	Net / Gross Weight	lbs (kg)	73/78 (33/36)	78/83 (35/38)	81/87 (37/40)	114/124 (52/56)
	Sound Pressure Level dB(A)	dB(A)	53	53	54	54
Piping	Max. Total Piping Length	ft. (m)	49.5 (15)	49.5 (15)	65.6 (20)	65.6 (20)
	Max. Total Piping Height	ft. (m)	32.8 (10)	32.8 (10)	32.8 (10)	32.8 (10)
	Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	1/4
	Piping Connection - Gas (O.D.)	in.	3/8	3/8	1/2	1/2
	Piping Connection - Drain (O.D.)	in.	5/8	5/8	5/8	5/8

Please refer to Product submittals for gas/liquid lines port sizes
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
 Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or change at any time, specifications or designs without notice or without incurring obligations.



X SERIES 23 SEER SINGLE-ZONE SYSTEM

208/230V 18K-24K BTU/h INVERTER HEAT PUMP, COOLING ONLY & WALL-MOUNT UNITS



208V 18k-24k BTU/h	X SERIES SYSTEM MODELS		DCX18NWB21S DCX18CSB21S	DHX18NWB21S* DHX18CSB21S*	DCX24NWB21S DCX24CSB21S	DHX24NWB21S DHX24CSB21S
Rated Performance	System Type		Cooling Only	Heat Pump	Cooling Only	Heat Pump
	Rated Cooling Capacity	BTU/h	18,000	18,000	22,000	22,000
	Cooling Capacity (Min-Max)	BTU/h	7,165-20,000	7,165-20,000	6,824-27,296	6,824-27,296
	Rated Heating Capacity	BTU/h	-	19,800	-	23,000
	Heating Capacity (Min-Max)	BTU/h	-	7,336-23,498	-	6,824-30,708
	EER		12	12.5	13.3	12.5
	SEER		20	20	20	20
	HSPF		-	10	-	10
Electrical Data	Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	Rated Cooling Current	Amps	8.7	8.7	8.1	8.1
	Rated Heating Current	Amps	-	7.5	-	8.4
	MCA	Amps	16	16	20	20
	MOCP	Amps	25	25	30	30
Indoor Wall-Mount Unit	Indoor Model Number		DCX18NWB21S	DHX18NWB21S	DCX24NWB21S	DHX24NWB21S
	Set Temperature Range	°F (°C)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)
	Airflow High to Low	CFM	559/489/412/335	559/489/412/335	706/647/588/530	706/647/588/530
	Sound Pressure Level High to Low	dB(A)	47/43/39/35	47/43/39/35	48/44/40/36	48/44/40/36
	Unit Dimension (WxHxD)	in. (mm)	38x12x9 (970x300x224)	38x12x9 (970x300x224)	42x13x10 (1078x325x246)	42x13x10 (1078x325x246)
	Net / Gross Weight	lbs (kg)	30/36 (13.5/16.5)	30/36 (13.5/16.5)	38/45 (17/21)	38/45 (17/21)
Outdoor Unit	Outdoor Model Number		DCX18CSB21S	DHX18CSB21S	DCX24CSB21S	DHX24CSB21S
	Operation Range - Cooling	°F (°C)	0-115 (-18-46)	0-115 (-18-46)	0-115 (-18-46)	0-115 (-18-46)
	Operation Range - Heating	°F (°C)	-	-4-75 (-20-24)	-	-4-75 (-20-24)
	Refrigerant		R410A	R410A	R410A	R410A
	Refrigerant Charge	oz (kg)	60 (1.7)	60 (1.7)	71 (2)	78 (2.2)
	Unit Dimension (WxHxD)	in. (mm)	38x28x16 (955x700x396)	38x28x16 (955x700x396)	39x31x17 (980x790x427)	39x31x17 (980x790x427)
	Net / Gross Weight	lbs (kg)	110/120 (50/55)	114/124 (52/56)	137/148 (62/67)	142/153 (64.5/69.5)
	Sound Pressure Level dB(A)	dB(A)	55	55	59	59
Piping	Max. Total Piping Length	ft. (m)	82 (25)	82 (25)	82 (25)	82 (25)
	Max. Total Piping Height	ft. (m)	32.8 (10)	32.8 (10)	32.8 (10)	32.8 (10)
	Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	1/4
	Piping Connection - Gas (O.D.)	in.	1/2	5/8	5/8	5/8
	Piping Connection - Drain (O.D.)	in.	5/8	5/8	5/8	5/8

* All models are Energy Star except for models DHX18NWB21S and DHX18CSB21S.
 Please refer to Product submittals for gas/liquid lines port sizes
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
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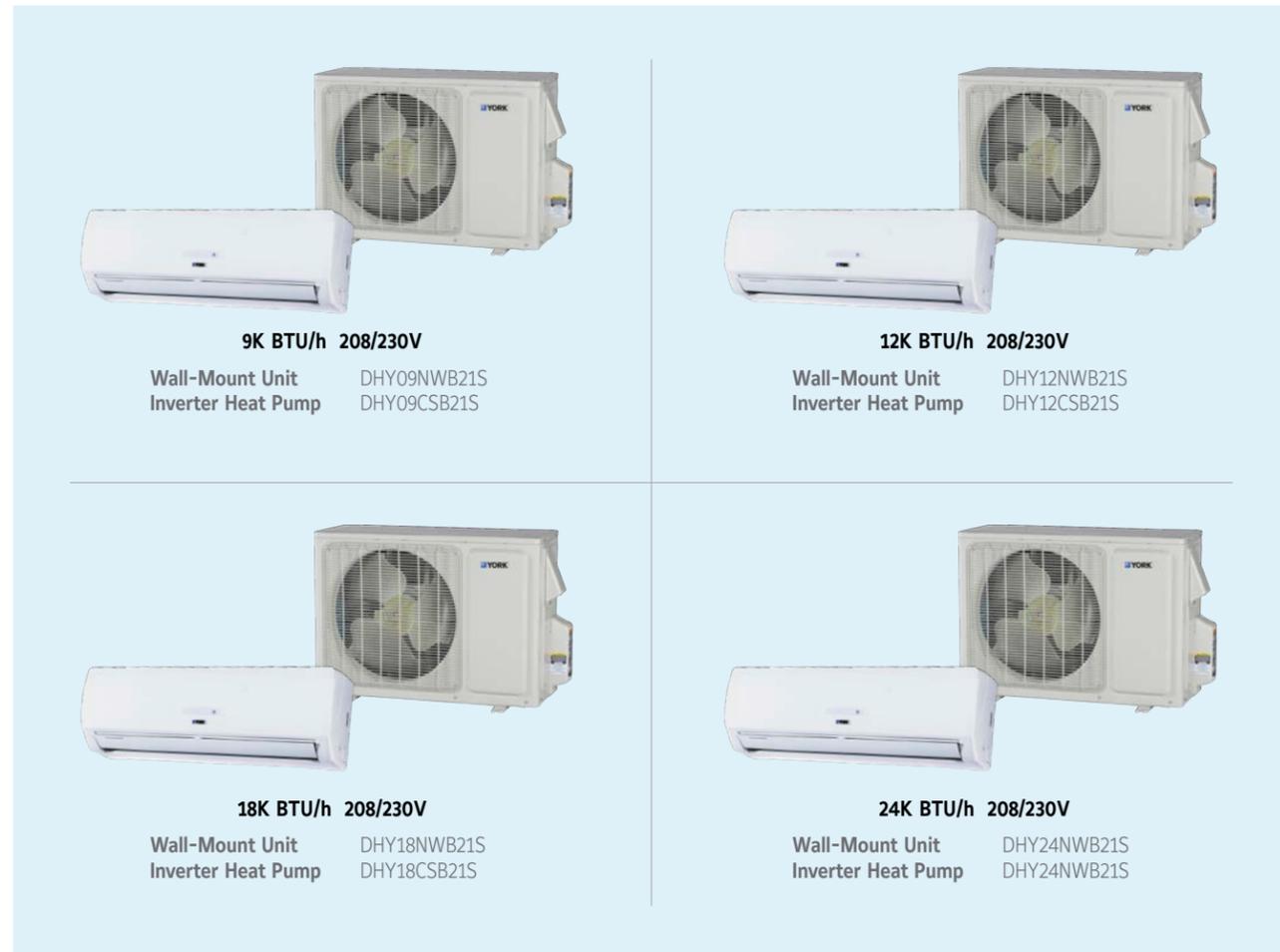
Y SERIES 27 SEER SINGLE-ZONE SYSTEM

208/230V 9K-24K BTU/h INVERTER HEAT PUMP & WALL-MOUNT UNITS

The Inverter Heat Pump provides superior performance and energy savings with minimal environmental impact. The sleek design of the Wall-Mount Unit fits any room, and the convenient remote control ensures personal comfort.

Key Features:

- Quiet operation
- Four-way airflow
- Seven fan speeds
- Low ambient cooling to -4°F



Y SERIES 27 SEER SINGLE-ZONE SYSTEM

208/230V 9K-24K BTU/h INVERTER HEAT PUMP & WALL-MOUNT UNITS



208V 12k-24K BTU/h	Y SERIES SYSTEM MODELS		DHY09NWB21S DHY09CSB21S	DHY12NWB21S DHY12CSB21S	DHY18NWB21S DHY18CSB21S	DHY24NWB21S DHY24CSB21S
Rated Performance	System Type		Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Rated Cooling Capacity	BTU/h	9,000	12,000	18,000	24,000
	Cooling Capacity (Min-Max)	BTU/h	3,500-9,600	3,100-13,000	3,412-22,178	6,824-29,343
	Rated Heating Capacity	BTU/h	9,800	13,000	19,000	25,000
	Heating Capacity (Min-Max)	BTU/h	2,200-11,000	2,400-14,000	3,412-23,202	7,509-37,532
	EER		14.5	13	12.5	12.5
	SEER		27	25	21	21
	HSPF		10	10	10	10
Electrical Data	Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	Rated Cooling Current	Amps	9	9	13.1	14.23
	Rated Heating Current	Amps	9	9	13.3	17.2
	MCA	Amps	10	10	15	20
	MOCP	Amps	15	15	20	30
Indoor Wall-Mount Unit	Indoor Model Number		DHY09NWB21S	DHY12NWB21S	DHY18NWB21S	DHY24NWB21S
	Set Temperature Range	°F (°C)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)
	Airflow High to Low	CFM	418/300/282/247/218/182/118	453/312/288/259/221/182/118	559/512/465/418/371/330/282	647/588/530/471/412/353/294
	Sound Pressure Level High to Low	dB(A)	42/38/36/34/30/26/23	44/38/36/34/30/26/24	51/47/44/41/38/36/33	52/49/47/45/43/41/38
	Unit Dimension (WxHxD)	in. (mm)	34×12×8 (866×292×209)	34×12×8 (866×292×209)	40×13×9 (1018×319×230)	46×13×10 (1178×326×264)
	Net / Gross Weight	lbs (kg)	24/31 (11/14)	24/31 (11/14)	31/39 (14/18)	39/47 (18/22)
Outdoor Unit	Outdoor Model Number		DHY09CSB21S	DHY12CSB21S	DHY18CSB21S	DHY24CSB21S
	Operation Range - Cooling	°F (°C)	0-118 (-18-48)	0-118 (-18-48)	0-109 (-18-43)	0-109 (-18-43)
	Operation Range - Heating	°F (°C)	-4-86 (-20-30)	-4-86 (-20-30)	-4-24 (-20-24)	-4-24 (-20-24)
	Refrigerant		R410A	R410A	R410A	R410A
	Refrigerant Charge	oz (kg)	46 (1.3)	46 (1.3)	56 (1.6)	92 (2.6)
	Unit Dimension (WxHxD)	in. (mm)	35×24×15 (899×596×378)	35×24×15 (899×596×378)	38×28×16 (955×700×396)	39×31×17 (980×790×427)
	Net / Gross Weight	lbs (kg)	86/90 (39/41)	87/92 (40/42)	108/118 (49/54)	154/165 (70/75)
	Sound Pressure Level dB(A)	dB(A)	49	49	56	59
Piping	Max. Total Piping Length	ft. (m)	49 (15)	65.6 (20)	82 (25)	98 (30)
	Max. Total Piping Height	ft. (m)	32.8 (10)	32.8 (10)	32.8 (10)	32.8 (10)
	Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	1/4
	Piping Connection - Gas (O.D.)	in.	1/2	1/2	5/8	5/8
	Piping Connection - Drain (O.D.)	in.	5/8	5/8	5/8	5/8

Please refer to Product submittals for gas/liquid lines port sizes
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
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Z SERIES 30 SEER SINGLE-ZONE SYSTEM

208/230V 9K-18K BTU/h INVERTER HEAT PUMP & WALL-MOUNT UNITS

This ultra-high-efficiency, smart Inverter Heat Pump lowers energy bills without sacrificing comfort. Wi-Fi technology allows direct control from smartphones or tablets for maximum convenience. High-quality construction guarantees years of trouble-free operation. And the streamlined design of the Wall-Mount Unit enhances any décor.



Key Features (Outdoor Unit)

- Ultra-high efficiency (up to 30.5 SEER)
- 80% heating capacity at -22° F

Key Features (Indoor Unit)

- Whisper-quiet operation
- Slim and compact
- Seven fan speeds
- Easy-to-read display and indicator lights



Standard Wireless Remote Controller MODEL DRCZ

<p>9K BTU/h 208/230V Wall-Mount Unit Inverter Heat Pump DHZ09NWB21S DHZ09CSB21S</p>	<p>12K BTU/h 208/230V Wall-Mount Unit Inverter Heat Pump DHZ12NWB21S DHZ12CSB21S</p>	<p>18K BTU/h 208/230V Wall-Mount Unit Inverter Heat Pump DHZ18NWB21S DHZ18CSB21S</p>
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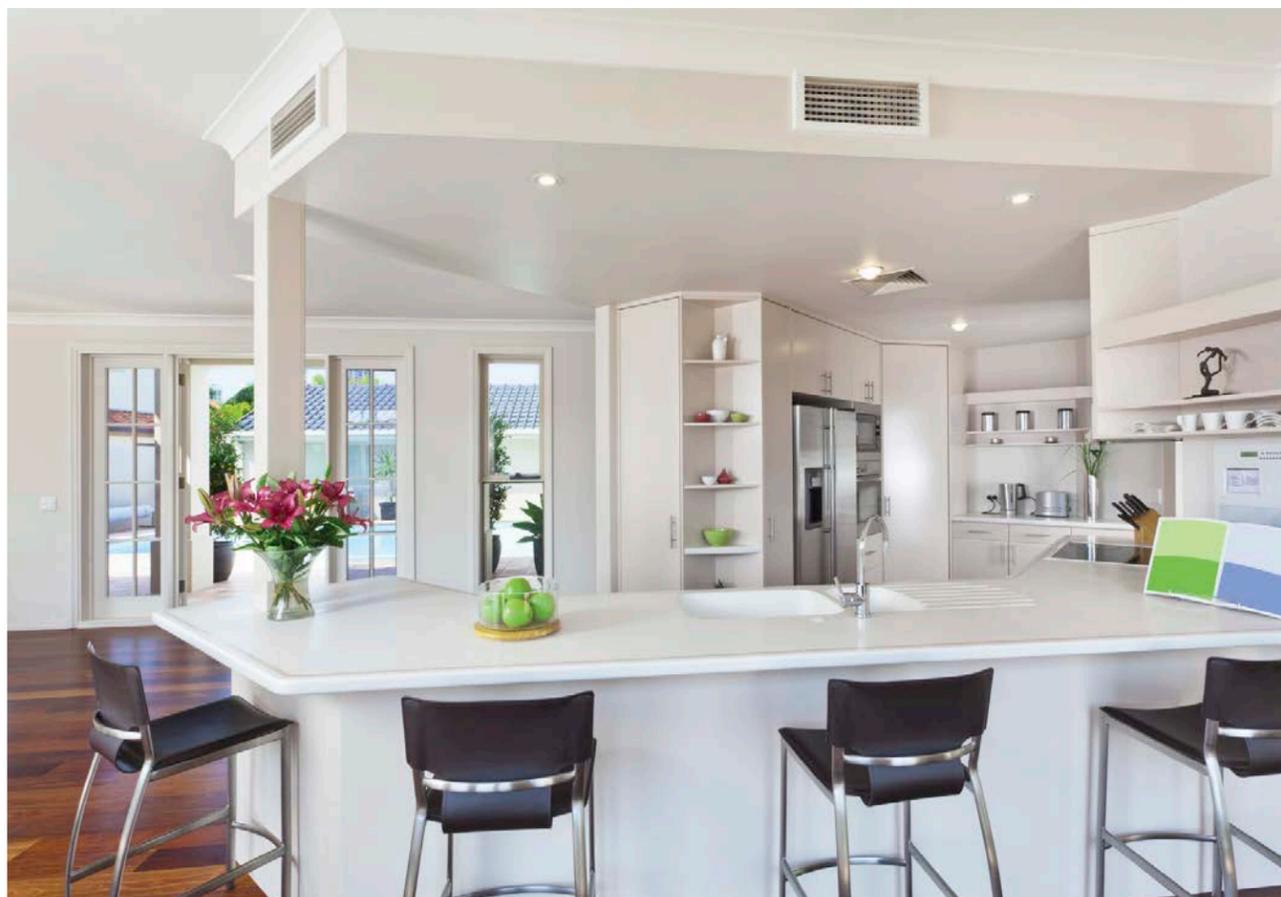
Z SERIES 30 SEER SINGLE-ZONE SYSTEM

208/230V 9K-18K BTU/h INVERTER HEAT PUMP & WALL-MOUNT UNITS



208V 12k-24K BTU/h	Z SERIES SYSTEM MODELS		DHZ09NWB21S DHZ09CSB21S	DHZ12NWB21S DHZ12CSB21S	DHZ18NWB21S DHZ18CSB21S
Rated Performance	System Type		Heat Pump	Heat Pump	Heat Pump
	Rated Cooling Capacity	BTU/h	9,000	12,000	18,000
	Cooling Capacity (Min-Max)	BTU/h	1,535-12,966	2,900-15,354	4,436-21,496
	Rated Heating Capacity	BTU/h	9,000	13,000	19,000
	Heating Capacity (Min-Max)	BTU/h	2,388-13,645	3,071-18,766	3,753-24,566
	EER		15.7	12.7	12.5
	SEER		30.5	23	21
Electrical Data	HSPF		10.5	10.5	10.5
	Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60
	Rated Cooling Current	Amps	6.2	6.5	10.4
	Rated Heating Current	Amps	6.5	6.9	10.8
Indoor Wall-Mount Unit	MCA	Amps	12	13	19
	MOCP	Amps	15	20	30
	Indoor Model Number		DHZ09NWB21S	DHZ12NWB21S	DHZ18NWB21S
	Set Temperature Range	°F (°C)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)
	Airflow High to Low	CFM	412/383/353/324/294/235/206	471/441/412/383/353/294/265	530/500/471/441/412/353/324
Outdoor Unit	Sound Pressure Level High to Low	dB(A)	41/38/34/30/26/24/22	42/39/35/31/27/25/23	48/43/39/35/31/28/26
	Unit Dimension (WxHxD)	in. (mm)	38×13×8 (960×320×205)	38×13×8 (960×320×205)	38×13×8 (960×320×205)
	Net / Gross Weight	lbs (kg)	31/38 (14/17)	31/38 (14/17)	31/38 (14/17)
	Outdoor Model Number		DHZ09CSB21S	DHZ12CSB21S	DHZ18CSB21S
Piping	Operation Range - Cooling	°F (°C)	0-129 (-22-75)	0-129 (-22-75)	0-129 (-22-75)
	Operation Range - Heating	°F (°C)	-22-75 (-30-24)	-22-75 (-30-24)	-22-75 (-30-24)
	Refrigerant		R410A	R410A	R410A
	Refrigerant Charge	oz (kg)	49 (1.4)	49 (1.4)	70.6 (2)
	Unit Dimension (WxHxD)	in. (mm)	35×24×15 (899×596×378)	35×24×15 (899×596×378)	39×31×17(980×790×427)
	Net / Gross Weight	lbs (kg)	99/106 (45/48)	97/104 (44/47)	141/152 (64/69)
	Sound Pressure Level dB(A)	dB(A)	53	55	59
Piping	Max. Total Piping Length	ft. (m)	49 (15)	66 (20)	82 (25)
	Max. Total Piping Height	ft. (m)	32.8 (10)	32.8 (10)	32.8 (10)
	Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4
	Piping Connection - Gas (O.D.)	in.	1/2	1/2	5/8
	Piping Connection - Drain (O.D.)	in.	5/8	5/8	5/8

Please refer to Product submittals for gas/liquid lines port sizes
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
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MULTI-ZONE SYSTEMS

Multi-zone systems are designed to provide comfort, uncompromising personal style, and quiet operation to multiple spaces. Choose the indoor unit and capacity for each room and then select the appropriate system from the matching outdoor/indoor unit combinations chart.

16 SEER – M Series	32
22 SEER – W Series	39

OUTDOOR/INDOOR UNIT COMBINATION CHART

Multi-Zone Indoor and Outdoor Unit Overview

Choose the style and size from the wide selection of indoor and outdoor units to meet your requirements for layout and design.

M SERIES 16 SEER MULTI-ZONE DUCT-FREE INVERTER HEAT PUMP UNITS



18K BTU/h 208/230V
Inverter Heat Pump
DHM18CMB21S



24K BTU/h 208/230V
Inverter Heat Pump
DHM24CMB21S



30K BTU/h 208/230V
Inverter Heat Pump
DHM30CMB21S



36K BTU/h 208/230V
Inverter Heat Pump
DHM36CMB21S



42K BTU/h 208/230V
Inverter Heat Pump
DHM42CMB21S

W SERIES 22 SEER MULTI-ZONE DUCT-FREE INVERTER HEAT PUMP UNITS



18K BTU/h 208/230V
Inverter Heat Pump
DHW18CMB21S



24K BTU/h 208/230V
Inverter Heat Pump
DHW24CMB21S



30K BTU/h 208/230V
Inverter Heat Pump
DHW30CMB21S



36K BTU/h 208/230V
Inverter Heat Pump
DHW36CMB21S



42K BTU/h 208/230V
Inverter Heat Pump
DHW42CMB21S

Multi-Zone Indoor and Outdoor Unit Overview (continued)

M SERIES AND W SERIES MULTI-ZONE INDOOR UNIT OPTIONS



Wall-Mounted Units

- 9K BTU/h DHY09NWB21S
- 12K BTU/h DHY12NWB21S
- 18K BTU/h DHY18NWB21S
- 24K BTU/h DHY24NWB21S*

* 24K wall mount only available with W series



4-Way Ceiling Cassette Units

- 12K BTU/h DHMW12NCB21S
- 18K BTU/h DHMW18NCB21S
- 24K BTU/h DHMW24NCB21S



Ducted Units

- 9K BTU/h DHMW09NDB21S
- 12K BTU/h DHMW12NDB21S
- 18K BTU/h DHMW18NDB21S
- 21K BTU/h DHMW21NDB21S
- 24K BTU/h DHMW24NDB21S



Floor/Ceiling Units

- 9K BTU/h DHMW09NCB21S
- 12K BTU/h DHMW12NCB21S
- 18K BTU/h DHMW18NCB21S
- 24K BTU/h DHMW24NCB21S

MULTI-ZONE SYSTEM FEATURES		
STANDARD FEATURES	16 SEER M Series	22 SEER W Series
Cooling	●	●
Heating	●	●
Dehumidification	●	●
Fan	●	●
G10 Technology	●	●
Energy-Saving	●	●
Sleep Mode	●	●
4 Fan Speeds	●	●
Turbo Cooling & Heating	●	●
Quiet	●	●
Comfort Control	●	●
Intelligent Defrosting	●	●
24-Hour Timer	●	●
Weekly Timer	●	●
Soft Start	●	●
Self Diagnosis	●	●
Overload Voltage Protection	●	●
5°F (-15°C) Low Ambient Heating	●	●

OUTDOOR UNITS					
TONNAGE	1.5	2.0	2.5	3.0	3.5
M Series 16 SEER	●	●	●	●	●
W Series 22 SEER	●	●	●	●	●

WALL-MOUNT UNITS				
TONNAGE	.75	1.0	1.5	2.0
M Series 16 SEER	●	●	●	●
W Series 22 SEER	●	●	●	●

DUCTED UNITS					
TONNAGE	.75	1.0	1.5	1.75	2.0
M Series 16 SEER	●	●	●	●	●
W Series 22 SEER	●	●	●	●	●

FLOOR/CEILING UNITS				
TONNAGE	.75	1.0	1.5	2.0
M Series 16 SEER	●	●	●	●
W Series 22 SEER	●	●	●	●

CEILING CASSETTE UNITS			
TONNAGE	1.0	1.5	2.0
M Series 16 SEER	●	●	●
W Series 22 SEER	●	●	●

M SERIES 16 SEER MULTI-ZONE SYSTEM OUTDOOR UNITS

208/230V 18K-42K BTU/h INVERTER HEAT PUMP UNITS

The Duct-Free Mini-Split Inverter Heat Pump provides both cooling and heating comfort. Advanced technology delivers energy savings and comfort while design provides maximum flexibility in placement and product choice.



Key Features

- Heavy-gauge steel cabinet
- Sound levels as low as 56 dB
- Indoor main / secondary settings
- Multi-point diagnostics
- Multi-condensate ports



M SERIES 16 SEER MULTI-ZONE SYSTEM OUTDOOR UNITS

208/230V 18K-42K BTU/h INVERTER HEAT PUMP UNITS

M SERIES MODELS		DHM18CMB21S	DHM24CMB21S	DHM30CMB21S	DHM36CMB21S	DHM42CMB21S	
Rated Performance	System Type	Heat Pump					
	Rated Cooling Capacity	BTU/h	18,000	26,000	29,000	34,000	40,000
	Cooling Capacity (Min-Max)	BTU/h	7,000-21,000	7,500-33,000	7,500-34,000	8,530-34,120	8,530-46,403
	Rated Heating Capacity	BTU/h	19,000	29,000	30,400	35,800	44,500
	Heating Capacity (Min-Max)	BTU/h	8,530-22,600	7,500-35,000	7,500-36,000	10,663-40,944	10,663-47,768
	EER	(BTU/h)/W	10.2	8.2	7.3	7.9	9.3
	SEER		16.00	16.00	16.00	16.00	16.00
Electrical Data	HSPF		8.2	8.2	8.2	8.2	
	Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	MCA	Amps	13	20	26	28	29
	MOCP	Amps	20	30	45	45	50
Outdoor Unit	Operation Range - Cooling	*F (°C)	23 - 118 (5 ~ 48)	23 - 118 (5 ~ 48)	23 - 118 (5 ~ 48)	23 - 118 (5 ~ 48)	23 - 118 (5 ~ 48)
	Operation Range - Heating	*F (°C)	5-80 (-15 ~ 27)	5-80 (-15 ~ 27)	5-80 (-15 ~ 27)	5-80 (-15 ~ 27)	5-80 (-15 ~ 27)
	Refrigerant		R410A	R410A	R410A	R410A	R410A
	Refrigerant Charge	oz (kg)	47.6 (1.35)	77.6 (2.2)	102.3 (2.2)	91.7 (2.9)	169.3 (4.8)
	Unit Dimension (WxHxD)	in. (mm)	35x24x15 (899x378x596)	37x28x16 (946x396x700)	36x31x17 (946x396x700)	36x31x17 (920x789x427)	40x43x17 (1015x440x1103)
	Net / Gross Weight	lbs (kg)	95/106 (43/48)	135/146 (61/66)	153/165 (62/67)	161/172 (69/75)	225/247 (102/112)
	Sound Pressure Level	dB(A)	56	56	56	59	58
Piping	Max. Total Piping Length	ft. (m)	66 (20)	229 (70)	229 (70)	229 (70)	263 (80)
	Drop (Outdoor above Indoor)	ft. (m)	16 (5)	33 (10)	33 (10)	49 (15)	49 (15)
	Rise (Indoor above outdoor)	ft. (m)	16 (5)	33 (10)	33 (10)	49 (15)	49 (15)
	Max. Equivalent Length (Piping to furthest indoor unit)	ft. (m)	33 (10)	66 (20)	66 (20)	66 (20)	82 (25)
	Port 1 Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	1/4	1/4
	Port 1 Piping Connection - Gas (O.D.)	in.	3/8	3/8	3/8	3/8	3/8
	Port 2 Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	1/4	1/4
	Port 2 Piping Connection - Gas (O.D.)	in.	3/8	3/8	3/8	3/8	3/8
	Port 3 Piping Connection - Liquid (O.D.)	in.	-	1/4	1/4	1/4	1/4
	Port 3 Piping Connection - Gas (O.D.)	in.	-	3/8	3/8	1/2	1/2
	Port 4 Piping Connection - Liquid (O.D.)	in.	-	-	1/4	3/8	1/4
	Port 4 Piping Connection - Gas (O.D.)	in.	-	-	3/8	5/8	1/2
	Port 5 Piping Connection - Liquid (O.D.)	in.	-	-	-	-	3/8
	Port 5 Piping Connection - Gas (O.D.)	in.	-	-	-	-	5/8

Please refer to Product submittals for gas/liquid lines port sizes.
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
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M SERIES 16 SEER MULTI-ZONE SYSTEM INDOOR UNITS

WALL-MOUNT UNIT

The Multi-Zone Wall-Mount Unit features a compact design that requires very little wall space, yet it is powerful enough to provide comfort year-round. This whisper-quiet unit can be operated using a remote control or wired controller.



Key Features

- Four fan speeds
- Infrared remote controller
- Turbo mode
- Comfortable sleep mode
- Wired controller (optional)



Standard
Wireless
Remote Controller
MODEL DRCY



Optional
Wired Central
Controller
MODEL DCCRMW



Optional
Wired Zone
Controller
MODEL DWCPXY

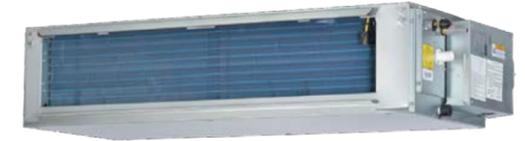
WALL-MOUNT UNIT MODELS		DHY09NWB21S	DHY12NWB21S	DHY18NWB21S
System Type		Heat Pump		
Nominal Capacity - Cooling	BTU/h	9,000	12,000	18,000
Nominal Capacity - Heating	BTU/h	9,800	13,000	19,800
Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60
Airflow High to Low	CFM	418/300/282/247/218/182/118	453/312/288/259/221/182/118	559/512/465/418/371/330/282
Sound Pressure Level High to Low	dB(A)	42/38/36/34/30/26/23	44/38/36/34/30/26/24	51/47/44/41/38/36/33
Unit Dimension (WxHxD)	in. (mm)	34x12x8 (866x292x209)	34x12x8 (866x292x209)	40x13x9 (1018x319x230)
Net / Gross Weight	lbs (kg)	24/31 (11/14)	24/31 (11/14)	31/38 (14/17)
Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4
Piping Connection - Gas (O.D.)	in.	1/2	1/2	5/8
Piping Connection - Drain (O.D.)	in.	5/8	5/8	5/8

Please refer to Product submittals for gas/liquid lines port sizes.
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
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M SERIES 16 SEER MULTI-ZONE SYSTEM INDOOR UNITS

DUCTED UNIT

The Ducted Unit offers flexibility and discretion. Concealed above suspended ceilings or within open closet spaces, these units deliver conditioned air through ducting or through grilles in the ceiling or wall.



Key Features

- Medium static pressure capability
- Internal condensate drain pump



Standard
Wired Zone
Controller
MODEL DWCMW



Optional
Wired Central
Controller
MODEL DCCRMW

DUCTED UNIT MODELS		DHMW09NDB21S	DHMW12NDB21S	DHMW18NDB21S	DHMW21NDB21S	DHMW24NDB21S
System Type		Heat Pump				
Nominal Capacity - Cooling	BTU/h	8,533	11,946	15,359	17,065	24,232
Nominal Capacity - Heating	BTU/h	9,556	13,140	18,772	21,334	27,304
Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Airflow High to Low	CFM	265/177/147	394/235/177	412/353/294	589/441/324	589/441/324
Sound Pressure Level High to Low	dB(A)	40/38/36	40/38/36	45/42/40	48/46/44	48/46/44
Unit Dimension (WxHxD)	in. (mm)	27.5x24x8 (686x610x204)				
Net / Gross Weight	lbs (kg)	49/60 (22/27)	51/64 (23/29)	60/79 (27/36)	68/90 (31/41)	68/90 (31/41)
Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	3/8	3/8
Piping Connection - Gas (O.D.)	in.	3/8	3/8	1/2	5/8	5/8
Piping Connection - Drain (O.D.)	in.	1	1	1	1	1

Please refer to Product submittals for gas/liquid lines port sizes.
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
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M SERIES 16 SEER MULTI-ZONE SYSTEM INDOOR UNITS

4-WAY CEILING CASSETTE UNIT

The 4-Way Ceiling Cassette Unit quietly distributes conditioned air throughout rooms or large, open spaces. It can be easily installed in suspended ceilings and is covered with a discreet decorative discharge grille.



Key Features

- 4-way air discharge
- Multi-speed fan
- Remote control lockout
- Swing louver
- Internal condensate drain pump

CEILING CASSETTE UNIT MODELS		DHMM12NKB21S	DHMM18NKB21S	DHMM24NKB21S
System Type		Heat Pump		
Nominal Capacity - Cooling	BTU/h	11,946	15,359	22,867
Nominal Capacity - Heating	BTU/h	13,652	17,065	27,304
Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60
Airflow High to Low	CFM	353/292/251	353/292/251	694/509/456
Sound Pressure Level High to Low	dB(A)	46/44/42	46/44/42	39/37/35
Unit Dimension (WxHxD)	in. (mm)	22.5x22.5x9 (571x571x229)	22.5x22.5x9 (571x571x229)	33x33x9.5 (839x839x242)
Net / Gross Weight	lbs (kg)	40/51 (18/23)	40/51 (18/23)	62/77 (28/35)
Panel Part Number		PNLMW03	PNLMW03	PNLMW04
Panel Dimension (WxHxD)	in.(mm)	25.5x25.5x2 (648x648x51)	25.5x25.5x2 (648x648x51)	37.5x37.5x2.5 (953x953x64)
Panel Net / Gross Weight	lbs (kg)	6/8 (3/4)	6/8 (3/4)	6.5/10 (3/4.5)
Piping Connection - Liquid (O.D.)	in.	1/4	1/4	3/8
Piping Connection - Gas (O.D.)	in.	3/8	1/2	5/8
Piping Connection - Drain (O.D.)	in.	1 1/4	1 1/4	1 1/4

Please refer to Product submittals for gas/liquid lines port sizes
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
 Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or change at any time, specifications or designs without notice or without incurring obligations.



M SERIES 16 SEER MULTI-ZONE SYSTEM INDOOR UNITS

FLOOR/CEILING UNIT

The Floor/Ceiling Unit is designed to be suspended from a ceiling or mounted low on a wall near the floor. The compact design is perfect for spaces where wall space is limited. Slim and unobtrusive, these units are a great fit beneath windows.



Key Features

- Multi-speed fan
- Infrared remote control
- Wired controller
- Comfortable sleep mode
- Swing louver
- Remote control lockout

FLOOR/CEILING UNIT MODELS		DHMM09NCB21S	DHMM12NCB21S	DHMM18NCB21S	DHMM24NCB21S
System Type		Heat Pump			
Nominal Capacity - Cooling	BTU/h	8,533	11,946	17,065	22,867
Nominal Capacity - Heating	BTU/h	9,556	13,140	18,772	27,304
Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Airflow High to Low	CFM	383/324/265	383/324/265	559/412/294	736/530/412
Sound Pressure Level High to Low	dB(A)	40/38/36	40/38/36	45/42/40	48/46/44
Unit Dimension (WxHxD)	in. (mm)	48x27.5x9 (1143x699x229)	48x27.5x9 (1143x699x229)	48x27.5x9 (1143x699x229)	48x27.5x9 (1143x699x229)
Net / Gross Weight	lbs (kg)	88/110 (40/50)	88/110 (40/50)	88/110 (40/50)	100/120 (45.5/54.5)
Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	3/8
Piping Connection - Gas (O.D.)	in.	3/8	3/8	1/2	5/8
Piping Connection - Drain (O.D.)	in.	1/2	1/2	1/2	1/2

Please refer to Product submittals for gas/liquid lines port sizes
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
 Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or change at any time, specifications or designs without notice or without incurring obligations.



M SERIES 16 SEER MULTI-ZONE SYSTEM OPTIONS

POSSIBLE OUTDOOR / INDOOR COMBINATIONS – 18-42K

Outdoor Unit Model	2-Zone
18K	9K + 9K
	9K + 12K
	12K + 12K

Outdoor Unit Model	2-Zone	3-Zone
24K	9K + 9K	9K + 9K + 9K
	9K + 12K	9K + 9K + 12K
	9K + 18K	9K + 9K + 18K
	12K + 12K	9K + 12K + 12K
	12K + 18K	12K + 12K + 12K
	18K + 18K	

Outdoor Unit Model	2-Zone	3-Zone	4-Zone
30K	9K + 9K	9K + 9K + 9K	9K + 9K + 9K + 9K
	9K + 12K	9K + 9K + 12K	9K + 9K + 9K + 12K
	9K + 18K	9K + 9K + 18K	9K + 9K + 12K + 12K
	12K + 12K	9K + 12K + 12K	
	12K + 18K	9K + 12K + 18K	
	18K + 18K	12K + 12K + 12K	
		12K + 12K + 18K	

Outdoor Unit Model	2-Zone	3-Zone	4-Zone
36K	9K + 9K	9K + 9K + 9K	9K + 9K + 9K + 9K
	9K + 12K	9K + 9K + 12K	9K + 9K + 9K + 12K
	9K + 18K	9K + 9K + 18K	9K + 9K + 9K + 18K
	12K + 12K	9K + 12K + 12K	9K + 9K + 12K + 12K
	12K + 18K	9K + 12K + 18K	9K + 9K + 12K + 18K
	18K + 18K	9K + 18K + 18K	9K + 9K + 18K + 18K
		12K + 12K + 12K	9K + 12K + 12K + 12K
		12K + 12K + 18K	9K + 12K + 12K + 18K
		12K + 18K + 18K	12K + 12K + 12K + 12K
		18K + 18K + 18K	

Outdoor Unit Model	2-Zone	3-Zone	4-Zone	5-Zone
42K	9K + 12K	9K + 9K + 9K	9K + 9K + 9K + 9K	9K + 9K + 9K + 9K + 9K
	9K + 18K	9K + 9K + 12K	9K + 9K + 9K + 12K	9K + 9K + 9K + 9K + 12K
	12K + 12K	9K + 9K + 18K	9K + 9K + 9K + 18K	9K + 9K + 9K + 9K + 18K
	12K + 18K	9K + 12K + 12K	9K + 9K + 12K + 12K	9K + 9K + 9K + 12K + 12K
	18K + 18K	9K + 12K + 18K	9K + 9K + 12K + 18K	9K + 9K + 9K + 12K + 18K
		9K + 18K + 18K	9K + 9K + 18K + 18K	9K + 9K + 9K + 18K + 18K
		12K + 12K + 12K	9K + 12K + 12K + 12K	9K + 9K + 12K + 12K + 12K
		12K + 12K + 18K	9K + 12K + 12K + 18K	9K + 9K + 12K + 12K + 18K
		12K + 18K + 18K	9K + 12K + 18K + 18K	9K + 12K + 12K + 12K + 12K
		18K + 18K + 18K	9K + 18K + 18K + 18K	12K + 12K + 12K + 12K + 12K
			12K + 12K + 12K + 12K	
			12K + 12K + 12K + 18K	
			12K + 12K + 18K + 18K	

Note: It is critical to size the outdoor unit for the entire building load and each indoor unit for its individual zone load.

W SERIES 22 SEER MULTI-ZONE SYSTEM OUTDOOR UNITS

208/230V 18K-42K BTU/h INVERTER HEAT PUMP UNITS

The Duct-Free Mini-Split Inverter Heat Pump provides both cooling and heating comfort. Advanced technology delivers energy savings and comfort while design provides maximum flexibility in placement and product choice.

Key Features

- High efficiency (up to 22 SEER)
- Low ambient cooling down to 0°F
- Low ambient heating down to -4°F
- Heavy gauge steel cabinet
- Sound levels as low as 56dB
- Indoor main / secondary settings
- Multi-point diagnostics



 <p>18K BTU/h 208/230V Inverter Heat Pump <i>DHW18CMB21S</i></p>	 <p>24K BTU/h 208/230V Inverter Heat Pump <i>DHW24CMB21S</i></p>	 <p>30K BTU/h 208/230V Inverter Heat Pump <i>DHW30CMB21S</i></p>
 <p>36K BTU/h 208/230V Inverter Heat Pump <i>DHW36CMB21S</i></p>	 <p>42K BTU/h 208/230V Inverter Heat Pump <i>DHW42CMB21S</i></p>	

W SERIES 22 SEER MULTI-ZONE SYSTEM OUTDOOR UNITS

208/230V 18K-42K BTU/h INVERTER HEAT PUMP UNITS



OUTDOOR UNIT MODELS		DHW18CMB21S	DHW24CMB21S	DHW30CMB21S	DHW36CMB21S	DHW42CMB21S	
System Type		Heat Pump					
Rated Performance	Rated Cooling Capacity	BTU/h	18,000	26,000	29,000	34,000	40,000
	Cooling Capacity (Min-Max)	BTU/h	7,000-21,000	7,500-33,000	7,500-34,000	8,530-34,120	8,530-46,403
	Rated Heating Capacity	BTU/h	19,000	29,000	30,400	35,800	44,500
	Heating Capacity (Min-Max)	BTU/h	8,530-22,600	7,500-35,000	7,500-36,000	10,663-40,944	10,663-47,768
	EER	(BTU/h)/W	12.5	9.5	12	12.4	10.4
	SEER		22	20.5	21	21	21
	HSPF		9	10.2	10.2	10.2	10.2
Electrical	Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	MCA	Amps	15	21	19	21	24
	MOCP	Amps	25	35	30	30	30
Outdoor Unit	Operation Range - Cooling	°F (°C)	0 ~ 118.4 (-18 ~ 48)	0 ~ 118.4 (-18 ~ 48)	0 ~ 118.4 (-18 ~ 48)	0 ~ 118.4 (-18 ~ 48)	0 ~ 118.4 (-18 ~ 48)
	Operation Range - Heating	°F (°C)	-4 ~ 75.2 (-20 ~ 24)	-4 ~ 75.2 (-20 ~ 24)	-4 ~ 86 (-20 ~ 30)	-4 ~ 86 (-20 ~ 30)	-4 ~ 86 (-20 ~ 30)
	Refrigerant		R410A	R410A	R410A	R410A	R410A
	Refrigerant Charge	oz (kg)	56 (1.6)	78 (2.2)	99 (2.8)	129 (3.7)	129 (3.7)
	Unit Dimension (WxHxD)	in. (mm)	38x28x16 (955x700x396)	38x31x17 (980x790x427)	38x31x17 (980x790x427)	43x43x17 (1087x1103x440)	43x43x17 (1087x1103x440)
	Net / Gross Weight	lbs (kg)	114/124 (52/57)	153/164 (70/75)	145/154 (66/70)	198/216 (90/98)	198/216 (90/98)
	Sound Pressure Level	dB(A)	56	59	59	61	61
Piping	Max. Total Piping Length	ft. (m)	66 (20)	197 (60)	229 (70)	246 (75)	246 (75)
	Drop (Outdoor above indoor)	ft. (m)	16 (5)	33 (10)	33 (10)	49 (15)	49 (15)
	Rise (Indoor above outdoor)	ft. (m)	16 (5)	33 (10)	33 (10)	49 (15)	49 (15)
	Max. Equivalent Length (Piping to furthest indoor unit)	ft. (m)	33 (10)	66 (20)	82 (25)	82 (25)	82 (25)
	Port 1 Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	1/4	1/4
	Port 1 Piping Connection - Gas (O.D.)	in.	3/8	3/8	3/8	3/8	3/8
	Port 2 Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	1/4	1/4
	Port 2 Piping Connection - Gas (O.D.)	in.	3/8	3/8	3/8	3/8	3/8
	Port 3 Piping Connection - Liquid (O.D.)	in.	-	1/4	1/4	1/4	1/4
	Port 3 Piping Connection - Gas (O.D.)	in.	-	3/8	3/8	3/8	3/8
	Port 4 Piping Connection - Liquid (O.D.)	in.	-	-	1/4	1/4	1/4
	Port 4 Piping Connection - Gas (O.D.)	in.	-	-	3/8	3/8	1/2
	Port 5 Piping Connection - Liquid (O.D.)	in.	-	-	-	1/4	1/4
	Port 5 Piping Connection - Gas (O.D.)	in.	-	-	-	3/8	1/2

Please refer to Product submittals for gas/liquid lines port sizes.
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
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W SERIES 22 SEER MULTI-ZONE SYSTEM INDOOR UNITS

WALL-MOUNT UNIT

The Wall-Mount Unit features a compact design that requires very little wall space, yet it is powerful enough to provide comfort year-round. This whisper-quiet unit can be operated using a remote control or wired controller.



Key Features

- Four fan speeds
- Turbo mode
- Comfortable sleep mode



Standard
 Wireless Remote Controller
 MODEL DRCY



Optional
 Wired Central Controller
 MODEL DCCRMW



Optional
 Wired Zone Controller
 MODEL DWCPXY

WALL-MOUNT UNIT MODELS		DHY09NWB21S	DHY12NWB21S	DHY18NWB21S	DHY24NWB21S
System Type		Heat Pump			
Nominal Capacity - Cooling	BTU/h	9,000	12,000	18,000	24,000
Nominal Capacity - Heating	BTU/h	9,800	13,000	19,800	25,000
Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Airflow High to Low	CFM	418/300/282/247/218/182/118	453/312/288/259/221/182/118	559/512/465/418/371/330/282	647/588/530/471/412/353/294
Sound Pressure Level High to Low	dB(A)	42/38/36/34/30/26/23	44/38/36/34/30/26/24	51/47/44/41/38/36/33	52/49/47/45/43/41/38
Unit Dimension (WxHxD)	in. (mm)	34x12x8 (866x292x209)	34x12x8 (866x292x209)	40x13x9 (1018x319x230)	46x12.5x10.5 (1168x318x267)
Net / Gross Weight	lbs (kg)	24/31 (11/14)	24/31 (11/14)	31/38 (14/17)	38/47 (13/21.5)
Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	1/4
Piping Connection - Gas (O.D.)	in.	1/2	1/2	5/8	5/8
Piping Connection - Drain (O.D.)	in.	5/8	5/8	5/8	5/8

Please refer to Product submittals for gas/liquid lines port sizes.
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
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W SERIES 22 SEER MULTI-ZONE SYSTEM INDOOR UNITS

4-WAY CEILING CASSETTE UNIT

The 4-Way Ceiling Cassette Unit quietly distributes conditioned air throughout rooms or large, open spaces. It can be easily installed in suspended ceilings and is covered with a discreet decorative discharge grille.



Key Features

- 4-way air discharge
- Multi-speed fan
- Remote control lockout
- Swing louver
- Internal condensate drain pump



Standard
Wireless
Remote
Controller
MODEL DRCMW



Optional
Wired Zone
Controller
MODEL DWCMW



Optional
Wired Central
Controller
MODEL DCCRMW

CEILING CASSETTE UNIT MODELS		DHMW12NKB21S	DHMW18NKB21S	DHMW24NKB21S
System Type		Heat Pump		
Nominal Capacity - Cooling	BTU/h	11,946	15,359	22,867
Nominal Capacity - Heating	BTU/h	13,652	17,065	27,304
Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60
Airflow High to Low	CFM	353/292/251	353/292/251	694/509/456
Sound Pressure Level High to Low	dB(A)	46/44/42	46/44/42	39/37/35
Unit Dimension (WxHxD)	in. (mm)	22.5x22.5x9 (571x571x229)	22.5x22.5x9 (571x571x229)	33x33x9.5 (839x839x242)
Net / Gross Weight	lbs (kg)	40/51 (18/23)	40/51 (18/23)	62/77 (28/35)
Panel Part Number		PNLMW03	PNLMW03	PNLMW04
Panel Dimension (WxHxD)	in.(mm)	25.5x25.5x2 (648x648x51)	25.5x25.5x2 (648x648x51)	37.5x37.5x2.5 (953x953x64)
Panel Net / Gross Weight	lbs (kg)	6/8 (3/4)	6/8 (3/4)	6.5/10 (3/4.5)
Piping Connection - Liquid (O.D.)	in.	1/4	1/4	3/8
Piping Connection - Gas (O.D.)	in.	3/8	1/2	5/8
Piping Connection - Drain (O.D.)	in.	1 1/4	1 1/4	1 1/4

Please refer to Product submittals for gas/liquid lines port sizes.
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
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W SERIES 22 SEER MULTI-ZONE SYSTEM INDOOR UNITS

FLOOR/CEILING UNIT

The Floor/Ceiling Unit is designed to be suspended from a ceiling or mounted low on a wall near the floor. The compact design is perfect for spaces where wall space is limited. Slim and unobtrusive, these units are a great fit beneath windows.



Key Features

- Multi-speed fan
- Infrared remote control
- Wired controller
- Comfortable sleep mode
- Swing louver
- Remote control lockout



Standard
Wireless
Remote
Controller
MODEL DRCMW



Optional
Wired Zone
Controller
MODEL DWCMW



Optional
Wired Central
Controller
MODEL DCCRMW

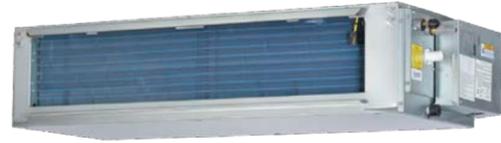
FLOOR / CEILING UNIT MODELS		DHMW09NCB21S	DHMW12NCB21S	DHMW18NCB21S	DHMW24NCB21S
System Type		Heat Pump			
Nominal Capacity - Cooling	BTU/h	8,533	11,946	17,065	22,867
Nominal Capacity - Heating	BTU/h	9,556	13,140	18,772	27,304
Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Airflow High to Low	CFM	383/324/265	383/324/265	559/412/294	736/530/412
Sound Pressure Level High to Low	dB(A)	40/38/36	40/38/36	45/42/40	48/46/44
Unit Dimension (WxHxD)	in. (mm)	48x27.5x9 (1143x699x229)	48x27.5x9 (1143x699x229)	48x27.5x9 (1143x699x229)	48x27.5x9 (1143x699x229)
Net / Gross Weight	lbs (kg)	88/110 (40/50)	88/110 (40/50)	88/110 (40/50)	100/120 (45.5/54.5)
Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	3/8
Piping Connection - Gas (O.D.)	in.	3/8	3/8	1/2	5/8
Piping Connection - Drain (O.D.)	in.	1/2	1/2	1/2	1/2

Please refer to Product submittals for gas/liquid lines port sizes.
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
 Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or change at any time, specifications or designs without notice or without incurring obligations.

W SERIES 22 SEER MULTI-ZONE SYSTEM INDOOR UNITS

DUCTED UNIT

The Ducted Unit offers flexibility and discretion. Hidden above suspended ceilings or within open closet spaces, these units deliver conditioned air through ducting or through grilles in the ceiling or wall.



Key Features

- Medium static pressure capability
- Internal condensate drain pump



Standard
Wired Zone
Controller
MODEL DWCMW



Optional
Wired Central
Controller
MODEL DCCRMW

DUCTED UNIT MODELS		DHMW09NDB21S	DHMW12NDB21S	DHMW18NDB21S	DHMW21NDB21S	DHMW24NDB21S
System Type		Heat Pump				
Nominal Capacity - Cooling	BTU/h	8,533	11,946	15,359	17,065	24,232
Nominal Capacity - Heating	BTU/h	9,556	13,140	18,772	21,334	27,304
Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Airflow High to Low	CFM	265/177/147	394/235/177	412/353/294	589/441/324	589/441/324
Sound Pressure Level High to Low	dB(A)	40/38/36	40/38/36	45/42/40	48/46/44	48/46/44
Unit Dimension (WxHxD)	in. (mm)	27.5x24x8 (686x610x204)				
Net / Gross Weight	lbs (kg)	49/60 (22/27)	51/64 (23/29)	60/79 (27/36)	68/90 (31/41)	68/90 (31/41)
Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	3/8	3/8
Piping Connection - Gas (O.D.)	in.	3/8	3/8	1/2	5/8	5/8
Piping Connection - Drain (O.D.)	in.	1	1	1	1	1

Please refer to Product submittals for gas/liquid lines port sizes.
 Test conditions are based on AHRI 210/240. *1. Rating conditions (cooling)- Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
 Rating conditions (heating)- Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
 Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or change at any time, specifications or designs without notice or without incurring obligations.

W SERIES 22 SEER MULTI-ZONE SYSTEM INDOOR UNITS

POSSIBLE OUTDOOR / INDOOR COMBINATIONS – 18-30K

Outdoor Unit Model	2-Zone
18K	9K + 9K
	9K + 12K
	12K + 12K

Outdoor Unit Model	2-Zone	3-Zone
24K	9K+9K	9K+9K+9K
	9K+12K	9K+9K+12K
	9K+18K	9K+9K+18K
	12K+12K	9K+12K+12K
	12K+18K	12K+12K+12K
18K+18K		

Outdoor Unit Model	2-Zone	3-Zone	4-Zone
30K	9K+9K	9K+9K+9K	9K+9K+9K+9K
	9K+12K	9K+9K+12K	9K+9K+9K+12K
	9K+18K	9K+9K+18K	9K+9K+12K+12K
	9K+21K	9K+9K+21K	
	9K+24K	9K+9K+24K	
	12K+12K	9K+12K+12K	
	12K+18K	9K+12K+18K	
	12K+21K	9K+12K+21K	
	12K+24K	12K+12K+12K	
	18K+18K	12K+12K+18K	
	18K+21K		
	21K+21K		

Note: It is critical to size the outdoor unit for the entire building load and each indoor unit for its individual zone load.

W SERIES 22 SEER MULTI-ZONE SYSTEM OPTIONS

POSSIBLE OUTDOOR / INDOOR COMBINATIONS – 36-42K

Outdoor Unit Model	2-Zone	3-Zone	4-Zone	5-Zone
36K	9K+9K	9K+9K+9K	9K+9K+9K+9K	9K+9K+9K+9K+9K
	9K+12K	9K+9K+12K	9K+9K+9K+12K	9K+9K+9K+9K+12K
	9K+18K	9K+9K+18K	9K+9K+9K+18K	
	9K+21K	9K+9K+21K	9K+9K+9K+21K	
	9K+24K	9K+9K+24K	9K+9K+12K+12K	
	12K+12K	9K+12K+12K	9K+9K+12K+18K	
	12K+18K	9K+12K+18K	9K+12K+12K+12K	
	12K+21K	9K+12K+21K	12K+12K+12K+12K	
	12K+24K	9K+12K+24K		
	18K+18K	9K+18K+18K		
	18K+21K	9K+18K+21K		
	18K+24K	12K+12K+12K		
	21K+21K	12K+12K+18K		
	21K+24K	12K+12K+21K		
	24K+24K	12K+12K+24K		
			12K+18K+18K	

Outdoor Unit Model	2-Zone	3-Zone	4-Zone	5-Zone
42K	9K+9K	9K+9K+9K	9K+9K+9K+9K	9K+9K+9K+9K+9K
	9K+12K	9K+9K+12K	9K+9K+9K+12K	9K+9K+9K+9K+12K
	9K+18K	9K+9K+18K	9K+9K+9K+18K	
	9K+21K	9K+9K+21K	9K+9K+9K+21K	
	9K+24K	9K+9K+24K	9K+9K+12K+12K	
	12K+12K	9K+12K+12K	9K+9K+12K+18K	
	12K+18K	9K+12K+18K	9K+12K+12K+12K	
	12K+21K	9K+12K+21K	9K+12K+12K+18K	
	12K+24K	9K+12K+24K	12K+12K+12K+12K	
	18K+18K	9K+18K+18K		
	18K+21K	9K+18K+21K		
	18K+24K	9K+21K+21K		
	21K+21K	12K+12K+12K		
	21K+24K	12K+12K+18K		
	24K+24K	12K+12K+21K		
			12K+12K+24K	
		12K+18K+18K		
		12K+18K+21K		

Note: It is critical to size the outdoor unit for the entire building load and each indoor unit for its individual zone load.



CONTROLS

YORK® Mini-Split Systems offer both wired and wireless controls to suit multiple applications.

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WIRED CENTRAL CONTROLLER

MODEL DCCRMW (for M, W, and R Series)

This controller is designed for multi mini-split systems, allowing control over multiple rooms. It can be used to view and control:

- Current operating mode
- Fan speed
- Set and actual temperature
- Timer



MODEL DCCRMW

WIRED ZONE CONTROLLERS

These controllers provide an intuitive user interface through which system settings can be precisely controlled.

MODEL DWCPXY* (for P, X and Y Series)

This unit enables control of multiple functions including:

- Temperature
- Current operating mode
- Turbo fan to quickly bring room(s) to desired temperature
- Timer
- Louver position
- Programmed temperature control



MODEL DWCPXY

* And DHY Wall mount units for multi zone applications

MODEL DWCMW (for M and W Series)

This unit provides precise control over system functions including:

- Temperature
- Current operating mode
- Timer
- Louver position
- Turbo fan to quickly bring room(s) to desired temperature
- Programmed temperature control
- Energy-saving mode
- Quiet mode



MODEL DWCMW

MODEL DWCR (for R Series)

This unit provides the greatest level of control over multiple functions including advanced modes such as:

- Vacation mode to maintain set temperature and activate fast heating upon return
- I-Demand function to output capacity to 75% of rated power
- Status display of main and secondary wired zone controller
- Keycard control/detection



MODEL DWCR

WIRELESS REMOTE CONTROLLERS

Wireless units put control in your hands with easy-to-use handheld controllers.

These units provide precise control over system functions including:

- Temperature
- Current operating mode
- Turbo fan to quickly bring room(s) to desired temperature
- Louver position
- Turbo fan to quickly bring room(s) to desired temperature
- Programmed temperature control
- Energy-saving mode
- Quiet mode

MODEL DRCMW (for M and W Series - standard with unit)



MODEL DRCMW

MODEL DRCPX (for P + X Series - standard with unit)



MODEL DRCPX

MODEL DRCZ (for Z Series - standard with unit)



MODEL DRCZ

MODEL DRCY (for Y Series - standard with unit)



MODEL DRCY

MODEL DRRCR (for R Series - standard with unit)



MODEL DRRCR

CONTROLLER FEATURE COMPARISON TABLE

	Wired Controller for M & W Series*	Wired Controller for P X & Y Series	Wired Controller for R Series	Central Controller for R M & W Series	Remote Controller for M & W Series (std with unit)	Remote Controller for Z Series (std with unit)	Remote Controller for Y Series (std with unit)	Remote Controller for R Series (std with unit)	Remote Controller for P&X Series (std with unit)
	DWCMW	DWCPXY*	DWCR	DCCRMW	DRCMW	DRCZ	DRCY	DRCR	DRCPX
Temperature	✓	✓	✓	✓	✓	✓	✓	✓	✓
Current Operating Mode	✓	✓		✓	✓				
Timer	✓	✓		✓	✓				
Fan Speed				✓					
Set and Actual Temperature				✓					
Programmed Temperature Control	✓	✓			✓				
Louver Position	✓	✓			✓				
Energy-saving Mode	✓				✓				
Quiet Mode	✓				✓				
I-Demand Function			✓						
Vacation Mode			✓						
Status Display			✓						
Keycard Control			✓						
Status Display of Main and Secondary Wired Zone Controller			✓						

* DWCPXY for DHY Wall mount units for multi zone applications



ACCESSORIES



Check our warranty certificate for extended warranties. For more details on optional extended warranties, terms, conditions, and limitations, please ask your sales representative.



Industry certified

YORK® Mini-Split systems are Intertek ETL Listed (Canada & USA), signifying that they comply with the standard of Heating and Cooling Equipment (ANSI/UL 1995 and CAN/CSA C22.2 No. 236-11, 4th Edition, October 14, 2011). The systems are also certified by the Air Conditioning, Heating & Refrigeration Institute.



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