



SMARTFLEX™  
MINI-SPLIT  
SYSTEMS



# SmartFlex™ Mini-Split Systems

SMART SOLUTIONS FOR RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS



Grow your business and solve more customer challenges with **SmartFlex** Mini-Split Systems. **SmartFlex** ductless systems deliver just the right amount of heating and cooling to every space while using no more energy than necessary.

**SmartFlex** Mini-Split Systems are the ideal choice for applications that challenge traditional HVAC systems such as projects with varied loads and occupancy rates or cases where existing systems can't be modified to reasonably meet customer needs.



A wide portfolio of equipment means **SmartFlex** Mini-Split Systems can be customized to meet the exact needs of your customers. With all of these advantages, isn't it time you brought the benefits of **SmartFlex** Mini-Split Systems home to your customers?

Benefits include:

- **Energy efficiency that traditional HVAC systems can't match**
  - High-efficiency, inverter-driven compressor modulates capacity to meet temperature requirements exactly
  - Energy-saving mode automatically selects optimal fan speed to reduce energy consumption
- **Exceptional comfort**
  - Unique temperature-sensing capability monitors room temperature at remote controller instead of indoor unit and adjusts airflow and temperature accordingly
  - Indoor fan automatically adjusts speed for maximum comfort
  - Pre-heating system ensures indoor fan doesn't run until coil has warmed to prevent cool air from circulating when in heating mode
- **Remarkably quiet operation**
  - sound pressure levels as low as 23 dB(A)



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.



## 2 MINI-SPLIT SYSTEMS

APPLICATIONS & ADVANTAGES	2
EXPERT ADVICE	3
WAREHOUSE & LOGISTICS	3
SOFTWARE TOOLS	4
WARRANTY	4

## 5 SINGLE-ZONE SYSTEMS

OVERVIEW	6-8
P SERIES 18 SEER	9-11
X SERIES 23 SEER	12-14
Z SERIES 28 SEER	15-16
R SERIES 20 SEER	17-20

## 21 MULTI-ZONE SYSTEMS

OVERVIEW	22-23
M SERIES 16 SEER	24-30
W SERIES 22 SEER	31-37

## 39 CONTROLS & ACCESSORIES

CONTROLS	40-43
ACCESSORIES	44

## MINI-SPLIT SYSTEMS FOR CONTINUOUS COMFORT AND EFFICIENCY

## RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS

**SmartFlex™ Mini-Split Systems suit a wide range of residential and commercial 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 smart, effective way to add air conditioning that does not require extensive construction or remodeling.

**Buildings with remote or separated offices**

Perfect for supermarket administrative offices, manufacturing supervisor offices, parking lot structures and mobile offices at construction sites.

**Small business applications**

For convenience stores, fast-food restaurants, coffee shops, daycare centers and the like.

**Extra and back-up cooling**

For 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.

In the HVAC world, ductless mini-split systems are known for their higher efficiency and ability to set individual room temperatures.

**SmartFlex 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.

**SmartFlex Mini-Split Systems:**

- **Save energy.** Ductless mini-split systems essentially eliminate the energy loss that occurs in conventional, ducted central systems which may account

for as much as 30% of energy consumption. In addition, the variable-speed compressors in outdoor units provide extremely high part-load efficiency, making **SmartFlex Mini-Split Systems** 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. Programmable temperature control by occupancy and schedule offers opportunities for increased savings.

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



**Industry certified**

**SmartFlex** 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 **SmartFlex™** Mini-Split Systems.

### Training to get your team up to speed fast

#### Efficient performance, quality installations

Comprehensive installation and startup classes provide the skills necessary to effectively and efficiently install **SmartFlex** Mini-Split Systems.

Our training centers, located in Dallas, Texas and Shrewsbury, Pennsylvania include a laboratory with multiple 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.

**SmartFlex** ductless mini-split system training helps deliver the peace of mind that your staff is prepared to support your business with the knowledge to compete in a growing industry.

## DEDICATED 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. Our state-of-the-art main distribution center is located in Memphis, Tennessee where UPS and FedEx have hubs.

This enables us to provide fast, accurate deliveries and simplifies expedited shipments. Consistent service and predictable deliveries help you prevent delays and enable you to set a project timeline and schedule labor efficiently.



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

INTEGRATED SOFTWARE TOOLS THAT GIVE YOU AN EDGE AND SAVE TIME

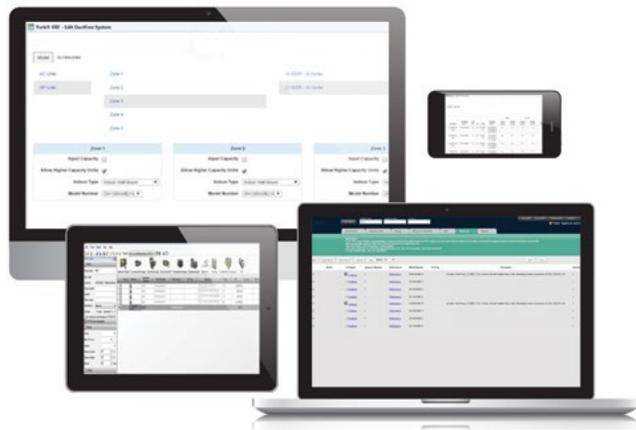
**Intuitive selection software makes selection easy and seamless**

The **SmartFlex™** 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 online program allows access from any computer or tablet. The software's intuitively designed features and functionality enable you to:

- **Select options and accessories quickly, easily and accurately** without the need for additional information or calculations.
- **Gain an edge** by confidently and easily designing mini-split systems.
- **Work efficiently** by providing quick access to accurate product information.



**We have you covered with factory-backed, industry-leading warranties**

Enjoy the best protection in the industry with our factory-backed warranties. In addition to the standard 7-year limited compressor and 5-year limited parts warranty, we offer an enhanced warranty that provides protection for 10 years.

Simply register the system on HVACNavigator.com for an automatic upgrade to a 10-year parts and 10-year compressor warranty. And enjoy unparalleled support with our 10-year labor plans.



**Standard:**  
7 year compressor / 5 year parts



**Extended Warranty:**  
10 year compressor / 10 year parts  
Requires online registration. Available for installations in residential applications at no additional cost.



**Extended Warranty with Labor:**  
10 year compressor / 10 year parts / 10 year labor  
Requires online registration and purchase of warranty upgrade. Available for installations in residential applications.



## MINI-SPLIT SINGLE-ZONE SYSTEMS

*SmartFlex™ mini-split single-zone systems are designed to address heating and cooling needs of single-zone interior spaces. These one-to-one 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	9
23 SEER — X Series	12
28 SEER — Z Series	15
20 SEER — R Series	17

## 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

#### 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/o 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

### X SERIES 23 SEER SINGLE-ZONE SYSTEM OPTIONS

#### Ductless Inverter Heat Pump and Wall-Mount Units



**9K BTU/h 115V**

Heat Pump System (indoor/outdoor)  
DHX09NWB11S / DHX09CSB11S

**12K BTU/h 115V**

Heat Pump System (indoor/outdoor)  
DHX12NWB11S / DHX12CSB11S



**9K BTU/h 208/230V**

Heat Pump System (indoor/outdoor)  
DHX09NWB21S / DHX09CSB21S

**12K BTU/h 208/230V**

Heat Pump System (indoor/outdoor)  
DHX12NWB21S / DHX12CSB21S



**18K BTU/h 208/230V**

Heat Pump System (indoor/outdoor)  
DHX18NWB21S / DHX18CSB21S

**24K BTU/h 208/230V**

Heat Pump System (indoor/outdoor)  
DHX24NWB21S / DHX24CSB21S



# Mini-Split Single-Zone Systems Overview *(continued)*

## Z SERIES 28 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

## 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  
DHR24NDB21



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  
DHR36NCB21

### 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  
DHR42NCB21

### 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

MINI-SPLIT SINGLE-ZONE SYSTEMS				
STANDARD FEATURES	18 SEER P Series	23 SEER X Series	28 SEER Z Series	20 SEER R 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	●	●		

MINI-SPLIT SINGLE-ZONE SYSTEMS				
OPTIONAL FEATURES	18 SEER P Series	23 SEER X Series	28 SEER Z Series	20 SEER R Series
Wi-Fi Function	●	●		
Photo-Catalyst Filter	●	●	●	
Active Carbon Filter	●	●	●	

MINI-SPLIT SINGLE-ZONE CONTROLLERS				
OPTIONAL CONTROLLERS	18 SEER P Series	23 SEER X Series	28 SEER Z Series	20 SEER R Series
Wired Zone Controller Model DWCR				●
Wired Zone Controller Model DWCR2				●
Wired Zone Controller Model DWUNI	●	●		
Wired Zone Controller Model DWCPX2	●	●		
Wired Central Controller Model DCCUNI	●	●		●
Wired Central Controller Model DCCRMW				●
H-Link Gateway Model DCAHLA	●	●		●
Wired BACnet Gateway Model DBAUNI	●	●		●

MINI-SPLIT SINGLE-ZONE SYSTEM SELECTION				
Outdoor Units	18 SEER P Series	23 SEER X Series	28 SEER Z Series	20 SEER R Series
.75 Ton	● ●	● ●	●	
1.0 Ton	● ●	● ●	●	
1.5 Tons	●	●	●	●
2.0 Ton	●	●		●
2.5 Tons	●			●
3.0 Tons	●			●
3.5 Tons				●
4.0 Tons				●

● 115 Volts ● 208/230 Volts

WALL MOUNT UNITS				
Outdoor Units	18 SEER P Series	23 SEER X Series	28 SEER Z Series	20 SEER R Series
.75 Ton	● ●	● ●	●	
1.0 Ton	● ●	● ●	●	
1.5 Tons	●	●	●	
2.0 Ton	●	●		
2.5 Tons	●			
3.0 Tons	●			
3.5 Tons				
4.0 Tons				

● 115 Volts ● 208/230 Volts

FLOOR/CEILING UNITS / CEILING CASSETTE UNITS / DUCTED UNITS				
Outdoor Units	18 SEER P Series	23 SEER X Series	28 SEER Z Series	20 SEER R Series
.75 Ton				
1.0 Ton				
1.5 Tons				●
2.0 Ton				●
2.5 Tons				●
3.0 Tons				●
3.5 Tons				●
4.0 Tons				●

● 115 Volts ● 208/230 Volts



## 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
- Room temperature displayed on Wall-Mount Unit



**WiFi**  
(Adapter CS532AH required)



**Standard**  
Wireless Remote Controller MODEL DRCPX

115V 9K-12K BTU/h	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)	31x11x 8 (790x275x200)	31x11x 8 (790x275x200)	33x11x8 (845x289x209)	33x11x8 (845x289x209)
	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
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)	26.45 (0.7)	24.69 (0.7)	29.85 (0.9)	31.74 (0.9)
Unit Dimension (WxHxD)		in. (mm)	33x21x12.5 (848x540x320)	33x21x12.5 (848x540x320)	33x21x12.5 (848x540x320)	33x21x12.5 (848x540x320)
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 (Min 10 ft.)	ft. (m)	65 (20)	65 (20)	65 (20)	65 (20)
	Max. Total Piping Height	ft. (m)	40 (12)	40 (12)	40 (12)	40 (12)
	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



**WiFi**  
(Adapter  
CS532AH  
required)

**Standard**  
Wireless  
Remote Controller  
MODEL DRCPX



208/230V 9K-18K BTU/h	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)	31x11x8 (790x275x200)	31x11x8 (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	DHP18CSB21S
	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)	24.69 (0.7)	24.69 (0.7)	29.98 (0.85)	29.98 (0.85)	35.27 (1)	49.38 (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 (Min 10 ft.)	ft. (m)	65 (20)	65 (20)	65 (20)	65 (20)	100 (30.5)	100 (30.5)
	Max. Total Piping Height	ft. (m)	40 (12)	40 (12)	40 (12)	40 (12)	50 (15.2)	50 (15.2)
	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).

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



208/230V 24K-36K BTU/h	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
Electrical Data	HSPF		—	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
	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
Indoor Wall-Mount Unit	MOCP	Amps	25	25	30	30	40	40
	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)
Outdoor Unit	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 Model Number		DCP24CSB21S	DHP24CSB21S	DCP30CSB21S	DHP30CSB21S	DCP36CSB21S	DHP36CSB21S
	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)	56.44 (1.85)	65.26 (1.6)	84.65 (2.4)	84.65 (2.4)	84.66 (2.4)	91.71 (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)
Piping	Sound Pressure Level dB(A)	dB(A)	59	59	62	62	65	65
	Max. Total Piping Length (Min 10 ft.)	ft. (m)	100 (30.5)	100 (30.5)	100 (30.5)	100 (30.5)	100 (30.5)	100 (30.5)
	Max. Total Piping Height	ft. (m)	50 (15.2)	50 (15.2)	50 (15.2)	50 (15.2)	50 (15.2)	50 (15.2)
	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).  
 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

115 & 208/230V 9K-24K BTU/h  
INVERTER HEAT PUMP & 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.

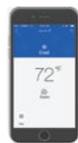


### Key Features:

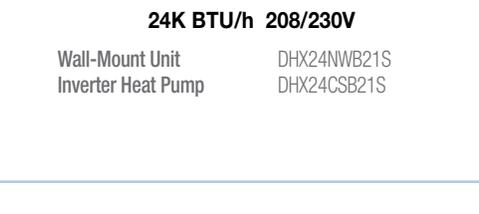
- High-efficiency inverter technology
- Heavy gauge steel frame construction
- Quiet operation
- Room temperature displayed on Wall-Mount Unit
- Corrosion-resistant coating
- Provides energy savings by defrosting as needed, thus reducing energy consumption



**Standard**  
Wireless  
Remote Controller  
MODEL DRCPX



**WiFi**  
(Adapter  
CS532AH  
required)

	
<b>9K BTU/h 115V</b>	
Wall-Mount Unit	DHX09NWB11S
Inverter Heat Pump	DHX09CSB11S
	
<b>12K BTU/h 115V</b>	
Wall-Mount Unit	DHX12NWB11S
Inverter Heat Pump	DHX12CSB11S
	
<b>9K BTU/h 208/230V</b>	
Wall-Mount Unit	DHX09NWB21S
Inverter Heat Pump	DHX09CSB21S
	
<b>12K BTU/h 208/230V</b>	
Wall-Mount Unit	DHX12NWB21S
Inverter Heat Pump	DHX12CSB21S
	
<b>18K BTU/h 208/230V</b>	
Wall-Mount Unit	DHX18NWB21S
Inverter Heat Pump	DHX18CSB21S
	
<b>24K BTU/h 208/230V</b>	
Wall-Mount Unit	DHX24NWB21S
Inverter Heat Pump	DHX24CSB21S



## X SERIES 23 SEER SINGLE-ZONE SYSTEM

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



115V 9k-12k BTU/h	X SERIES SYSTEM MODELS		DHX09NWB11S DHX09CSB11S	DHX12NWB11S DHX12CSB11S
Rated Performance	System Type		Heat Pump	Heat Pump
	Rated Cooling Capacity	BTU/h	9000	12000
	Cooling Capacity (Min-Max)	BTU/h	(2,764-10,918)	(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	12.5
	SEER		23	22
	HSPF		10.5	10.2
Electrical Data	Rated Voltage	V-PH-Hz	115-1-60	115-1-60
	Rated Cooling Current	Amps	6.2	8.8
	Rated Heating Current	Amps	6.2	8.8
	MCA	Amps	12	15
	MOCP	Amps	20	25
Indoor Wall-Mount Unit	<b>Indoor Model Number</b>		<b>DHX09NWB11S</b>	<b>DHX12NWB11S</b>
	Set Temperature Range	°F (°C)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)
	Airflow High to Low	CFM	400/288/241/171	400/288/241/171
	Sound Pressure Level High to Low	dB(A)	43/38/32/26	45/40/34/28
	Unit Dimension (WxHxD)	in. (mm)	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)
Outdoor Unit	<b>Outdoor Model Number</b>		<b>DHX09CSB11S</b>	<b>DHX12CSB11S</b>
	Operation Range - Cooling	°F (°C)	0~115 (-18~46)	0~115 (-18~46)
	Operation Range - Heating	°F (°C)	-4~75 (-20~24)	-4~75 (-20~24)
	Refrigerant		R410A	R410A
	Refrigerant Charge	oz (kg)	42.32 (1.2)	47.61 (1.4)
	Unit Dimension (WxHxD)	in. (mm)	33×21×12.5 (848×540×320)	33×21×12.5 (848×540×320)
	Net / Gross Weight	lbs (kg)	72/77 (33/35)	74/81 (34/37)
	Sound Pressure Level dB(A)	dB(A)	53	53
Piping	Max. Total Piping Length (Min 10 ft.)	ft. (m)	65 (20)	65 (20)
	Max. Total Piping Height	ft. (m)	40 (12)	40 (12)
	Piping Connection - Liquid (O.D.)	in.	1/4	1/4
	Piping Connection - Gas (O.D.)	in.	3/8	1/2
	Piping Connection - Drain (O.D.)	in.	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-24K BTU/h INVERTER HEAT PUMP & WALL-MOUNT UNITS



208V 9k-24k BTU/h	X SERIES SYSTEM MODELS		DHX09NWB21S DHX09CSB21S	DHX12NWB21S DHX12CSB21S	DHX18NWB21S* DHX18CSB21S*	DHX24NWB21S DHX24CSB21S
Rated Performance	System Type		Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Rated Cooling Capacity	BTU/h	9,000	12,000	18,000	22,000
	Cooling Capacity (Min-Max)	BTU/h	3,099-9,599	3,099-12,999	7,165-20,000	6,824-27,296
	Rated Heating Capacity	BTU/h	11,000	13,000	19,800	23,000
	Heating Capacity (Min-Max)	BTU/h	1,911-12,000	2,400-14,000	7,336-23,498	6,824-30,708
	EER		14.29	12.5	12.5	12.5
	SEER		23	22	20	20
	HSPF		10.5	10.1	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	2.8	4.5	8.7	8.1
	Rated Heating Current	Amps	3.5	5.5	7.5	8.4
	MCA	Amps	9	9	16	20
	MOCP	Amps	15	15	25	30
Indoor Wall-Mount Unit	<b>Indoor Model Number</b>		<b>DHX09NWB21S</b>	<b>DHX12NWB21S</b>	<b>DHX18NWB21S</b>	<b>DHX24NWB21S</b>
	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	400/318/241/194	559/489/412/335	706/647/588/530
	Sound Pressure Level High to Low	dB(A)	43/39/35/29	45/39/35/29	47/43/39/35	48/44/40/36
	Unit Dimension (WxHxD)	in. (mm)	33×11×8 (845×289×209)	33×11×8 (845×289×209)	38×12×9 (970×300×224)	42×13×10 (1078×325×246)
	Net / Gross Weight	lbs (kg)	22/26.5 (10/12)	22/26.5 (10/12)	30/36 (13.5/16.5)	38/45 (17/21)
Outdoor Unit	<b>Outdoor Model Number</b>		<b>DHX09CSB21S</b>	<b>DHX12CSB21S</b>	<b>DHX18CSB21S</b>	<b>DHX24CSB21S</b>
	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)	-4~75 (-20~24)	-4~75 (-20~24)
	Refrigerant		R410A	R410A	R410A	R410A
	Refrigerant Charge	oz (kg)	45.85 (1.3)	47.61 (1.4)	56.43 (1.7)	77.60 (2.2)
	Unit Dimension (WxHxD)	in. (mm)	33×21×13 (848×540×320)	33×21×13 (848×540×320)	38×28×16 (955×700×396)	39×31×17 (980×790×427)
	Net / Gross Weight	lbs (kg)	78/83 (35/38)	114/124 (52/56)	114/124 (52/56)	142/153 (64.5/69.5)
	Sound Pressure Level dB(A)	dB(A)	53	54	55	59
Piping	Max. Total Piping Length (Min 10 ft.)	ft. (m)	65 (20)	65 (20)	100 (30)	100 (30)
	Max. Total Piping Height	ft. (m)	40 (12)	40 (12)	50 (15)	50 (15)
	Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	1/4
	Piping Connection - Gas (O.D.)	in.	3/8	1/2	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).

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.

## Z SERIES 28 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.

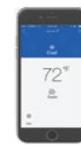


#### Key Features (Outdoor Unit)

- Ultra-high efficiency (up to 28 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
- Room temperature displayed on unit



**Standard**  
WiFi  
capability



**Standard**  
Wireless  
Remote Controller  
MODEL DRCZ

<p><b>9K BTU/h 208/230V</b></p> <p>Wall-Mount Unit      DHZ09NWB21S Inverter Heat Pump    DHZ09CSB21S</p>		<p><b>12K BTU/h 208/230V</b></p> <p>Wall-Mount Unit      DHZ12NWB21S Inverter Heat Pump    DHZ12CSB21S</p>		<p><b>18K BTU/h 208/230V</b></p> <p>Wall-Mount Unit      DHZ18NWB21S Inverter Heat Pump    DHZ18CSB21S</p>	
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## Z SERIES 28 SEER SINGLE-ZONE SYSTEM

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



208V 9K-18K 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	12.7	12.5
	SEER		28	23	21
	HSPF		10.5	10.5	10.5
Electrical Data	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
	MCA	Amps	12	13	19
	MOCP	Amps	15	20	30
Indoor Wall-Mount Unit	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
	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 Unit	Outdoor Model Number		DHZ09CSB21S	DHZ12CSB21S	DHZ18CSB21S
	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)	49.38 (1.4)	49.38 (1.4)	70.54 (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 (Min 10 ft.)	ft. (m)	100 (30)	100 (30)	150 (46)
	Max. Total Piping Height	ft. (m)	50 (15)	50 (15)	50 (15)
	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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## 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 ductless 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
- Multipoint diagnostics
- Low ambient cooling down to 0° F
- Heavy gauge steel cabinet
- Multiple indoor unit options
- Sound levels as low as 56 dB

208/230V 18K-48K BTU/h	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
	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
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	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
	MOCP*	Amps	25	40	40	45	50	70
Outdoor Unit	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)	49.38 (1.4)	77.60 (2.2)	84.65 (2.4)	123.45 (3.5)	130.51 (3.7)	141.09 (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)
	Sound Pressure Level	dB(A)	56	57	58	63	61	59
Piping	Max. Total Piping Length	ft. (m)	164 (50)	164 (50)	164 (50)	164 (50)	164 (50)	229 (15)
	Max. Total Piping Height	ft. (m)	49 (15)	49 (15)	49 (15)	49 (15)	98 (30)	49 (70)
	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).

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\*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



**Standard**  
Wireless Remote  
Controller  
MODEL DRCR

CEILING CASSETTE MODELS		DHR18NKB21S	DHR24NKB21S	DHR30NKB21S	DHR36NKB21S	DHR42NKB21S	DHR48NKB21S
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		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
MOCP*	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 (521x242x597)	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 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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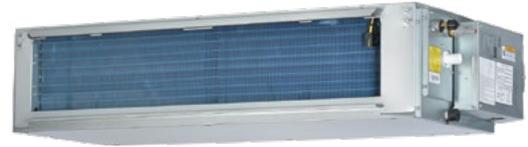
\*1DU&ODU require separate power source.



## 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



**Standard**  
Wired Zone  
Controller  
MODEL DWCR

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		11	10.65	8.55	10.35	9.5	9.05
SEER		16	16	16	16	16	16
HSPF		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
Static Pressure	in. W.G.	0-0.4	0-0.8	0-0.8	0-0.8	0-0.8	0-0.8
Unit Dimension (W x D x H)	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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## 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

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		11	10.65	9.85	10.35	9.4	8.3
SEER		16	16	17	16	16	16
HSPF		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).

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\*1DU&ODU require separate power source.





## 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	24
22 SEER — W Series	31

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 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 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



### M-Series Wall-Mount Units

- 9k BTU/h DHP09NWB21S
- 12k BTU/h DHP12NWB21S
- 18k BTU/h DHP18NWB21S
- 24k BTU/h DHP24NWB21S

### W-Series Wall-Mount Units

- 9k BTU/h DHX09NWB21S
- 12k BTU/h DHX12NWB21S
- 18k BTU/h DHX18NWB21S
- 24k BTU/h DHX24NWB21S



### 4-Way Ceiling Cassette Units

- 12K BTU/h DHMW12NKB21S
- 18K BTU/h DHMW18NKB21S
- 24K BTU/h DHMW24NKB21S



### Floor/Ceiling Units

- 9K BTU/h DHMW09NCB21S
- 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

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 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

208/230V 18K-42K BTU/h	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		10.2	8.2	7.3	7.9	9.3
	SEER		16	16	16	16	16
	HSPF		8.2	8.2	8.2	8.2	8.2
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
	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)	47.61 (1.35)	77.60 (2.2)	77.60 (2.2)	102.29 (2.9)	169.31 (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 (Min 10 ft.)	ft. (m)	66 (20)	245 (75)	245 (75)	245 (75)	265 (81)
	Drop (Outdoor above Indoor)	ft. (m)	16 (5)	25 (8)	25 (8)	25 (8)	25 (8)
	Rise (Indoor above outdoor)	ft. (m)	16 (5)	25 (8)	25 (8)	25 (8)	25 (8)
	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 DRCPX

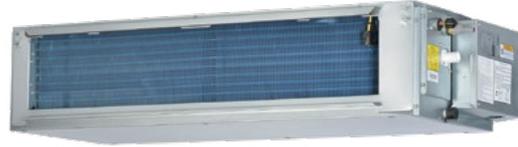
WALL-MOUNT UNIT MODELS		DHP09NWB21S	DHP12NWB21S	DHP18NWB21S	DHP24NWB21S
System Type		Heat Pump			
Nominal Capacity - Cooling	BTU/h	9,000	12,000	18,000	22,000
Nominal Capacity - Heating	BTU/h	9,500	13,000	19,800	23,000
Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Airflow High to Low	CFM	318/288/241/171	400/318/241/194	559/489/412/335	706/647/588/530
Sound Pressure Level High to Low	dB(A)	43/39/35/29	45/39/35/29	47/43/39/35	48/44/40/36
Unit Dimension (WxDxH)	in. (mm)	33x11x8 (845x289x209)	33x11x8 (845x289x209)	38x12x9 (970x300x224)	42x13x10 (1078x325x246)
Net/Gross Weight	lbs (kg)	22/26.5 (10/12)	22/26.5 (10/12)	30/36 (13.5/16.5)	38/45 (17/21)
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	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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## 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

DUCTED UNIT MODELS		DHMM09NDB21S	DHMM12NDB21S	DHMM18NDB21S	DHMM21NDB21S	DHMM24NDB21S
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
Static Pressure	in. W.G.	0-0.04	0-0.04	0-0.04	0-0.06	0-0.06
Unit Dimension (WxHxD)	in. (mm)	27.5x24x8 (686x610x204)	27.5x24x8 (686x610x204)	35.43 x 24.21 x 7.87 (900x615x200)	43.30 x 24.21 x 7.87 (1100x615x200)	43.30 x 24.21 x 7.87 (1100x615x200)
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.



**Standard**  
Wireless  
Remote  
Controller  
MODEL  
DRCMW



#### Key Features

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

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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## 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.



**Standard**  
Wireless  
Remote  
Controller  
MODEL  
DRCMW



### Key Features

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

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).  
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## POSSIBLE OUTDOOR / INDOOR COMBINATIONS — 18-36K

Outdoor Unit Model	2-Zone
<b>18K</b>	9K + 9K
	9K + 12K
	12K + 12K

Outdoor Unit Model	2-Zone	3-Zone
<b>24K</b>	9K+9K	9K+9K+9K
	9K+12K	9K+9K+12K
	12K+12K	9K+12K+12K
	9K+18K	9K+9K+18K
	12K+18K	12K+12K+12K
	18K+18K	

Outdoor Unit Model	2-Zone	3-Zone	4-Zone
<b>30K</b>	9K+9K	9K+9K+9K	9K+9K+9K+9K
	9K+12K	9K+9K+12K	9K+9K+9K+12K
	12K+12K	9K+12K+12K	9K+9K+9K+18K
	9K+18K	9K+9K+18K	9K+9K+12K+12K
	12K+18K	12K+12K+12K	
	18K+18K	9K+12K+18K	
		12K+12K+18K	

Outdoor Unit Model	2-Zone	3-Zone	4-Zone
<b>36K</b>	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
	9K+21K	9K+9K+21K	9K+9K+9K+21K (2)
	9K+24K (2)	9K+9K+24K (2)	9K+9K+9K+24K (2)
	12K+12K	9K+12K+12K	9K+9K+12K+12K
	12K+18K	9K+12K+18K	9K+9K+12K+18K
	12K+21K (2)	9K+12K+21K (2)	9K+9K+18K+18K
	12K+24K (2)	9K+12K+24K (2)	9K+9K+12K+21K
	18K+18K	9K+18K+18K	9K+9K+12K+24K
	18K+21K (2)	9K+18K+21K (2)	9K+12K+12K+12K
	18K+24K (2)	9K+18K+24K (2)	9K+12K+12K+18K
	21K+21K (2)	9K+21K+21K	9K+12K+12K+21K
	21K+24K	9K+21K+24K	12K+12K+12K+12K
	24K+24K (2)	12K+12K+12K	12K+12K+12K+18K
		12K+12K+18K	
		12K+12K+21K (2)	
		12K+12K+24K (2)	
	12K+18K+18K		
	12K+18K+21K		
	12K+18K+24K		
	12K+21K+21K		
	18K+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.

## M SERIES 16 SEER MULTI-ZONE SYSTEM OPTIONS

### POSSIBLE OUTDOOR / INDOOR COMBINATIONS — 42K

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
	9K+21K	9K+9K+18K	9K+9K+9K+18K	9K+9K+9K+9K+18K
	9K+24K (2)	9K+9K+21K	9K+9K+9K+21K (2)	9K+9K+9K+9K+21K (2)
	12K+12K	9K+9K+24K (2)	9K+9K+9K+24K (2)	9K+9K+9K+9K+24K (2)
	12K+18K	9K+12K+12K	9K+9K+12K+12K	9K+9K+9K+12K+12K
	12K+21K (2)	9K+12K+18K	9K+9K+12K+18K	9K+9K+9K+12K+18K
	12K+24K (2)	9K+12K+21K (2)	9K+9K+12K+21K	9K+9K+9K+12K+21K
	18K+18K	9K+12K+24K (2)	9K+9K+12K+24K (2)	9K+9K+9K+12K+24K
	18K+21K (2)	9K+18K+18K	9K+9K+18K+18K	9K+9K+9K+18K+18K
	18K+24K (2)	9K+18K+21K (2)	9K+9K+18K+21K (2)	9K+9K+12K+12K+12K
	21K+21K (2)	9K+18K+24K (2)	9K+9K+18K+24K (2)	9K+9K+12K+12K+18K
	21K+24K	9K+21K+21K	9K+9K+21K+21K	9K+9K+12K+12K+21K
	24K+24K (2)	9K+21K+24K	9K+9K+21K+24K	9K+12K+12K+12K+12K
		9K+24K+24K (2)	9K+12K+12K+12K	9K+12K+12K+12K+18K
		12K+12K+12K	9K+12K+12K+18K	12K+12K+12K+12K+12K
		12K+12K+18K	9K+12K+12K+21K (2)	
		12K+12K+21K (2)	9K+12K+12K+24K (2)	
		12K+12K+24K (2)	9K+12K+18K+18K	
		12K+18K+18K	9K+12K+18K+21K	
		12K+18K+21K	9K+12K+18K+24K	
		12K+18K+24K (2)	9K+18K+18K+18K	
		12K+21K+21K	12K+12K+12K+12K	
		12K+21K+24K (2)	12K+12K+12K+18K	
		12K+24K+24K (2)	12K+12K+12K+21K (2)	
		18K+18K+18K	12K+12K+12K+24K (2)	
		18K+18K+21K (2)	12K+12K+18K+18K	
		18K+18K+24K (2)	12K+12K+18K+21K	
	18K+21K+21K (2)			
	18K+21K+24K (2)			

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 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



**18K BTU/h 208/230V**  
DHW18CMB21S



**24K BTU/h 208/230V**  
DHW24CMB21S



**30K BTU/h 208/230V**  
DHW30CMB21S



**36K BTU/h 208/230V**  
DHW36CMB21S



**42K BTU/h 208/230V**  
DHW42CMB21S

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		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)	56.43 (1.6)	77.60 (2.2)	98.76 (2.8)	128.74 (3.7)	128.74 (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 (Min 10 ft.)	ft. (m)	66 (20)	197 (60)	245 (75)	245 (75)	265 (81)
	Drop (Outdoor above indoor)	ft. (m)	33 (10)	33 (10)	25 (8)	49 (8)	25 (8)
	Rise (Indoor above outdoor)	ft. (m)	33 (10)	33 (10)	25 (8)	49 (8)	25 (8)
	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 OUTDOOR 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 DRCPX

WALL-MOUNT UNIT MODELS		DHX09NWB21S	DHX12NWB21S	DHX18NWB21S	DHX24NWB21S
System Type		Heat Pump			
Nominal Capacity - Cooling	BTU/h	9,000	12,000	18,000	22,000
Nominal Capacity - Heating	BTU/h	9,500	13,000	19,800	23,000
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	318/288/241/171	400/318/241/194	559/489/412/335	706/647/588/530
Sound Pressure Level High to Low	dB(A)	43/39/35/29	45/39/35/29	47/43/39/35	48/44/40/36
Unit Dimension (WxDxH)	in. (mm)	33x11x8 (845x289x209)	33x11x8 (845x289x209)	38x12x9 (970x300x224)	42x13x10 (1078x325x246)
Net/Gross Weight	lbs (kg)	22/26.5 (10/12)	22/26.5 (10/12)	30/36 (13.5/16.5)	38/45 (17/21)
Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	1/4
Piping Connection - Gas (O.D.)	in.	3/8	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).

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

### 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

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).

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

### 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

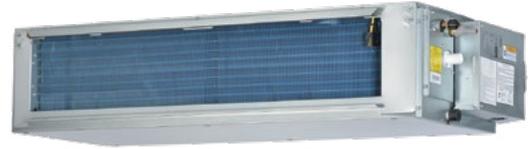
FLOOR / CEILING UNIT MODELS		DHMW09NCB21S	DHMW12NCB21S	DHMW18NCB21S	DHMW24NCB21S
System Type		Heat Pump			
Nominal Capacity - Cooling	BTU/h	8,533	11,946	17,065	22,867
Nominal Capacity - Heating	BTU/h	9,556	13,140	18,772	27,304
Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
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).  
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## 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

DUCTED UNIT MODELS		DHMM09NDB21S	DHMM12NDB21S	DHMM18NDB21S	DHMM21NDB21S	DHMM24NDB21S
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
Static Pressure	in. W.G.	0-0.04	0-0.04	0-0.04	0-0.06	0-0.06
Unit Dimension (WxHxD)	in. (mm)	27.5x24x8 (686x610x204)	27.5x24x8 (686x610x204)	35.43 x 24.21 x 7.87 (900x615x200)	43.30 x 24.21 x 7.87 (1100x615x200)	43.30 x 24.21 x 7.87 (1100x615x200)
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 — 18-36K

OUTDOOR UNIT MODEL	2-Zone
<b>18K</b>	9K+9K
	9K+12K
	12K+12K

OUTDOOR UNIT MODEL	2-Zone	3-Zone
<b>24K</b>	9K+9K	9K+9K+9K
	9K+12K	9K+9K+12K
	12K+12K	9K+12K+12K
	9K+18K	9K+9K+18K
	12K+18K	12K+12K+12K
	18K+18K	

OUTDOOR UNIT MODEL	2-Zone	3-Zone	4-Zone
<b>30K</b>	9K+9K	9K+9K+9K	9K+9K+9K+9K
	9K+12K	9K+9K+12K	9K+9K+9K+12K
	12K+12K	9K+12K+12K	9K+9K+9K+18K
	9K+18K	9K+9K+18K	9K+9K+12K+12K
	12K+18K	12K+12K+12K	
	18K+18K	9K+12K+18K	
		12K+12K+18K	

OUTDOOR UNIT MODEL	2-Zone	3-Zone	4-Zone	5-Zone
<b>36K</b>	9K+9K	9K+9K+9K	9K+9K+9K+9K	9K+9K+9K+9K+12K
	9K+12K	9K+9K+12K	9K+9K+9K+12K	9K+9K+9K+9K+18K
	9K+18K	9K+9K+18K	9K+9K+9K+18K	9K+9K+9K+12K+12K
	9K+21K	9K+9K+21K	9K+9K+9K+21K (2)	
	9K+24K (2)	9K+9K+24K (2)	9K+9K+9K+24K (2)	
	12K+12K	9K+12K+12K	9K+9K+12K+12K	
	12K+18K	9K+12K+18K	9K+9K+12K+18K	
	12K+21K (2)	9K+12K+21K (2)	9K+9K+12K+21K	
	12K+24K (2)	9K+12K+24K (2)	9K+9K+18K+18K	
	18K+18K	9K+18K+18K	9K+9K+12K+24K	
	18K+21K (2)	9K+18K+21K (2)	9K+12K+12K+12K	
	18K+24K (2)	9K+18K+24K (2)	9K+12K+12K+18K	
	21K+21K (2)	9K+21K+21K	9K+12K+12K+21K	
	21K+24K	9K+21K+24K	12K+12K+12K+12K	
	24K+24K (2)	12K+12K+12K	12K+12K+12K+18K	
		12K+12K+18K		
		12K+12K+21K (2)		
		12K+12K+24K (2)		
	12K+18K+18K			
	12K+18K+21K			
	12K+18K+24K			
	12K+21K+21K			
	18K+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 INDOOR UNITS

### POSSIBLE OUTDOOR / INDOOR COMBINATIONS — 42K

OUTDOOR UNIT MODEL	2-Zone	3-Zone	4-Zone	5-Zone
<b>42K</b>	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
	9K+21K	9K+9K+18K	9K+9K+9K+18K	9K+9K+9K+9K+18K
	9K+24K (2)	9K+9K+21K	9K+9K+9K+21K (2)	9K+9K+9K+9K+21K (2)
	12K+12K	9K+9K+24K (2)	9K+9K+9K+24K (2)	9K+9K+9K+9K+24K (2)
	12K+18K	9K+12K+12K	9K+9K+12K+12K	9K+9K+9K+12K+12K
	12K+21K (2)	9K+12K+18K	9K+9K+12K+18K	9K+9K+9K+12K+18K
	12K+24K (2)	9K+12K+21K (2)	9K+9K+12K+21K	9K+9K+9K+12K+21K
	18K+18K	9K+12K+24K (2)	9K+9K+12K+24K (2)	9K+9K+9K+12K+24K
	18K+21K (2)	9K+18K+18K	9K+9K+18K+18K	9K+9K+9K+18K+18K
	18K+24K (2)	9K+18K+21K (2)	9K+9K+18K+21K (2)	9K+9K+12K+12K+12K
	21K+21K (2)	9K+18K+24K (2)	9K+9K+18K+24K (2)	9K+9K+12K+12K+18K
	21K+24K	9K+21K+21K	9K+9K+21K+21K	9K+9K+12K+12K+21K
	24K+24K (2)	9K+21K+24K	9K+9K+21K+24K	9K+12K+12K+12K+12K
		9K+24K+24K (2)	9K+12K+12K+12K	9K+12K+12K+12K+18K
		12K+12K+12K	9K+12K+12K+18K	
		12K+12K+18K	9K+12K+12K+21K (2)	
		12K+12K+21K (2)	9K+12K+12K+24K (2)	
		12K+12K+24K (2)	9K+12K+18K+18K	
		12K+18K+18K	9K+12K+18K+21K	
		12K+18K+21K	9K+12K+18K+24K	
		12K+18K+24K (2)	9K+18K+18K+18K	
		12K+21K+21K	12K+12K+12K+12K	
		12K+21K+24K (2)	12K+12K+12K+18K	
		12K+24K+24K (2)	12K+12K+12K+21K (2)	
		18K+18K+18K	12K+12K+12K+24K (2)	
		18K+18K+21K (2)	12K+12K+18K+18K	
		18K+18K+24K (2)	12K+12K+18K+21K	
		18K+21K+21K (2)		
		18K+21K+24K (2)		

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





# CONTROLS

**SmartFlex™** Mini-Split Systems offer both wired and wireless controls to suit multiple applications.

Wired Central Controllers	40
Wired Zone Controllers	40
Wireless Controllers	41
Gateway Controllers	41
Controller Feature Comparison Chart	42
Accessories	44

## WIRED CENTRAL CONTROLLERS



MODEL DCCRMW  
(M, W, and R Series)

This controller is designed for multi-zone systems as well as the R Series single-zone system. It can be used to view and control:

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



MODEL DCCUNI  
(P, R, X, M and W Series)

Control up to 36 indoor units with this touch-screen central controller:

- Intuitive user interface
- Large icons for easy operation
- Multiple features for simple system control
- Universal controller

## WIRED ZONE CONTROLLERS

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



MODEL DWCMW  
(M and W Series)

This unit provides precise control over system functions including:

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



MODEL DWCPX2\*  
(P and X 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

\* And DHY Wall mount units for multi zone applications



MODEL DWUNI  
(P, X, M and W Series)

Designed for both single- and multi-zone mini-split systems, this wired central controller features:

- Programmable and multi-function control
- Energy-saving mode
- Louver position
- Quiet mode
- Turbo fan
- Timer



MODEL DWCR2  
(R Series)

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

- Vacation mode
- 7-day schedule; 8 events per day
- Operational lock function: on/off; mode, fan speed & set point



MODEL DWCR  
(R Series)

This optional controller for the R series provides control over multiple functions including:

- Temperature
- Vacation mode
- Keycard control

## WIRELESS REMOTE CONTROLLERS

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

These units provide 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 DRCMW  
*Comes standard with M and W Series.*



MODEL DRCPX  
*Comes standard with P and X Series.*



MODEL DRCZ  
*Comes standard with Z Series.*



MODEL DRCR  
*Comes standard with R Series.*



### EWPE SMART APP

Easily control settings from your smartphone or tablet with the EWPE Smart App available on Google Play or in the App Store. Available for P, X, and Z series. Adapter CS532AH required for P and X.

## GATEWAYS

Gateways provide advanced levels of control through integration with SmartFlex™ VRF Systems and building automation systems.



H-LINK GATEWAY  
MODEL DCAHLA  
*(P, R, X, M and W Series)*

The game-changing H-Link

Gateway integrates SmartFlex Mini-Split Systems with VRF systems. This advanced device enables mini-split equipment to be controlled through VRF Central Controllers or building automation systems via the VRF Smart Gateway for absolute control.



WIRED BACNET GATEWAY  
MODEL DBAUNI  
*(P, R, X, M and W Series)*

The Wired BACnet Gateway integrates SmartFlex Mini-Split Systems Series P, R, X, M and W with all major building automation systems for easy management of mini-split systems. Monitor and control up to 250 indoor units with this powerful unit.

## CONTROLLER FEATURE COMPARISON TABLE

### Wired Zone Controllers and Gateways

CONTROLLER TYPE	Wired Zone Controller	H-Link Gateway	Wired BACnet Gateway				
Series	M & W	P & X	P, X, M & W	R	R	P, R, X, M & W*	P, R, X, M & W*
MODEL	DWCMW	DWCPX2	DWUNI	DWCR	DWCR2	DCAHLA	DBAUNI
							
Temperature	●	●	●	●	●	●	●
Current Operating Mode	●	●	●		●	●	●
Timer	●	●	●		●		
Seven Day Programmable			●		●		
Touch Screen							
Fan Speed		●	●		●	●	●
Set and Actual Temperature		●	●		●	●	●
Programmed Temperature Control	●	●	●		●	●	●
Louver Position	●	●	●		●	●	●
Energy-Saving Mode	●	●	●		●		
Quiet Mode	●	●	●		●		
I-Demand Function				●			
Lockout Function			●		●	●	●
Vacation Mode				●			
Status Display				●			
Keycard Control				●			
Status Display of Main and Secondary Wired Zone Controller				●		●	●

\* When connected to a BACnet building automation system (BAS), all controllers' functions display through the BACnet BAS interface.



# CONTROLLER FEATURE COMPARISON TABLE

## Central and Remote Controllers

CONTROLLER TYPE	Central Controller	Central Controller	Remote Controller <i>std with unit</i>	Remote Controller <i>std with unit</i>	Remote Controller <i>std with unit</i>	Remote Controller <i>std with unit</i>
Series	R, M & W	P, R, X, M & W	M & W	Z	R	P, X, M & W
MODEL	DCCRMW	DCCUNI	DRCMW	DRCZ	DRCR	DRCPX
						
Temperature	●	●	●	●	●	●
Current Operating Mode	●	●	●			
Timer	●	●	●			
Seven Day Programmable		●				
Touch Screen		●				
Fan Speed	●	●				
Set and Actual Temperature	●	●				
Programmed Temperature Control		●	●			
Louver Position		●	●			
Energy-Saving Mode		●	●			
Quiet Mode			●			
I-Demand Function		●				
Lockout Function		●				
Vacation Mode		●				
Status Display		●				
Keycard Control						
Status Display of Main and Secondary Wired Zone Controller		●				

## ACCESSORIES

MOUNTING ACCESSORY	
PART NUMBER	DESCRIPTION
DL87733	BRACKET, WALL, MINISPLIT, 300-LB

CONDENSATE HANDLING	
PART NUMBER	DESCRIPTION
DPWM-83819	ASPEN MINI AQUA / UP TO 30K BTUS 100V-250V
DPWM-83948	ASPEN MICRO V / UP TO 66K BTUS 100V-250V

FILTER OPTIONS	
PART NUMBER	DESCRIPTION
DL111220081	PHOTOCATALYTIC FILTER (P, X, Z SERIES MODELS)
DL111220401	PHOTOCATALYTIC FILTER (P, X, Z SERIES MODELS)
DL11122007	PHOTOCATALYTIC FILTER (P, X, Z SERIES MODELS)
DL11012025	ACTIVE CARBON FILTER (P, X, Z SERIES MODELS)
DL11012422	ACTIVE CARBON FILTER (P, X, Z SERIES MODELS)





**Standard:**

7 year compressor / 5 year parts



**Extended Warranty:**

10 year compressor / 10 year parts

Requires registration on HVACNavigator.com.

Available for installations in residential applications at no additional cost.



**Extended Warranty with Labor:**

10 year compressor / 10 year parts /

10 year labor

Requires registration on HVACNavigator.com

and purchase of warranty upgrade. Available for installations in residential applications.



**Industry certified**

SmartFlex™ 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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