

LUXAIRE®

HEATING • AIR CONDITIONING



Luxaire®
Mini-Split
Systems



Luxaire® Mini-Split Systems

SMART SOLUTIONS FOR RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS



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

Luxaire 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 Luxaire 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 Luxaire 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.



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MINI-SPLIT SYSTEMS FOR CONTINUOUS COMFORT AND EFFICIENCY

RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS

Luxaire® 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. Luxaire 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.

Luxaire 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 Luxaire 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

Luxaire 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 Luxaire® 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 Luxaire 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. Luxaire 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

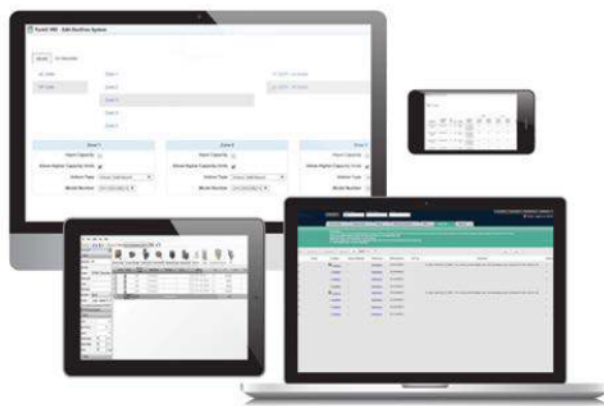
Intuitive selection software makes selection easy and seamless

The Luxaire® 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

Luxaire® 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.

P Series - Up to 18 SEER 9

P Series New Generation -
Up to 20 SEER2 11

X Series - Up to 23 SEER2 13

R Series - Up to 20 SEER 15

Mini-Split Single-Zone Systems Overview

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

P SERIES & P SERIES NEW GENERATION SINGLE-ZONE SYSTEM OPTIONS

Ductless Inverter Heat Pump Systems with Wall-Mount Indoor Units



9K BTU/h 208/230V

Heat Pump System (indoor/outdoor)
DHP09NWB21S / DHP09CSB21S
DHP09CSB22S / DHP09NWB22S

12K BTU/h 208/230V

Heat Pump System (indoor/outdoor)
DHP12NWB21S / DHP12CSB21S
DHP12CSB22S / DHP12NWB22S



18K BTU/h 208/230V

Heat Pump System (indoor/outdoor)
DHP18NWB21S / DHP18CSB21S
DHP18CSB22S / DHP18NWB22S

24K BTU/h 208/230V

Heat Pump System (indoor/outdoor)
DHP24NWB21S / DHP24CSB21S
DHP24CSB22S / DHP24NWB22S



30K BTU/h 208/230V

Heat Pump System (indoor/outdoor)
DHP30NWB21S / DHP30CSB21S
DHP30CSB22S / DHP30NWB22S



36K BTU/h 208/230V

Heat Pump System (indoor/outdoor)
DHP36NWB21S / DHP36CSB21S
DHP36CSB22S / DHP36NWB22S

X SERIES SINGLE-ZONE SYSTEM OPTIONS

Ductless Inverter Heat Pump and Wall-Mount Units



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)*

R SERIES 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
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

MINI-SPLIT SINGLE-ZONE SYSTEMS

STANDARD FEATURES	16 SEER P Series	20 SEER2 P Series NG	23 SEER2 X Series	20 SEER R Series
Automatic Operation	●	●	●	
Cooling	●	●	●	●
Heating	●	●	●	●
Dehumidification	●	●	●	
Fan	●	●	●	●
Wi-Fi Function				
GL0 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	16 SEER P Series	20 SEER2 P Series NG	23 SEER2 X Series	20 SEER R Series
Wi-Fi Function	●	●	●	
Photo-Catalyst Filter	●	●	●	
Active Carbon Filter	●	●	●	

MINI-SPLIT SINGLE-ZONE CONTROLLERS

OPTIONAL CONTROLLERS	16 SEER P Series	20 SEER2 P Series NG	23 SEER2 X 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	16 SEER P Series	20 SEER2 P Series NG	23 SEER2 X 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				●

● 208/230 Volts

WALL MOUNT UNITS

Outdoor Units	16 SEER P Series	20 SEER2 P Series NG	23 SEER2 X 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				

● 208/230 Volts

FLOOR/CEILING UNITS / CEILING CASSETTE UNITS / DUCTED UNITS

Outdoor Units	16 SEER P Series	20 SEER2 P Series NG	23 SEER2 X 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				●

● 208/230 Volts

P SERIES SINGLE-ZONE SYSTEM

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



WiFi
(Adapter
CS532AH
required)



Standard
Wireless
Remote Controller
MODEL DRCPX



208/230V 9K-12K BTU/h	P SERIES SYSTEM MODELS		DHP09NWB2IS DHP09CSB2IS	DHP12NWB2IS DHP12CSB2IS
Rated Performance	System Type		Heat Pump	Heat Pump
	Rated Cooling Capacity	BTU/h	9,000	12,000
	Cooling Capacity (Min-Max)	BTU/h	3,100 - 9,600	3,753-12,500
	Rated Heating Capacity	BTU/h	9,500	13,000
	Heating Capacity (Min-Max)	BTU/h	3,100-12,000	3,924-14,000
	EER		10	9.25
	SEER		16	16
	HSPF		9	9
Electrical Data	Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60
	Rated Cooling Current	Amps	4	5.8
	Rated Heating Current	Amps	3.6	5.6
	MCA	Amps	9	9
	MOCP	Amps	15	15
Indoor Wall-Mount Unit	Indoor Model Number		DHP09NWB2IS	DHP12NWB2IS
	Set Temperature Range	°F (°C)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)
	Airflow High to Low	CFM	318/288/241/171	400/318/241/194
	Sound Pressure Level High to Low	dB(A)	42/38/34/28	43/39/35/29
	Unit Dimension (WxDxH)	in. (mm)	31x11x 8 (790x275x200)	33x11x8 (845x289x209)
	Net / Gross Weight	lbs (kg)	20/24 (9/11)	22/28 (10/13)
Outdoor Unit	Outdoor Model Number		DHP09CSB2IS	DHP12CSB2IS
	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)	24.69 (0.7)	29.98 (0.85)
	Unit Dimension (WxDxH)	in. (mm)	30.5x21x12.5 (776x540x320)	30.5x21x12.5 (776x540x320)
	Net / Gross Weight	lbs (kg)	65/70 (29/32)	70/75 (32/35)
	Sound Pressure Level dB(A)	dB(A)	52	53
Piping	Max. Total Piping Length (Min 10 ft.)	ft. (m)	492 (15)	65 (20)
	Max. Total Piping Height	ft. (m)	33 (10)	33 (10)
	Piping Connection - Liquid (O.D.)	in.	1/4	1/4
	Piping Connection - Gas (O.D.)	in.	3/8	3/8
	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.

P SERIES SINGLE-ZONE SYSTEM

208/230V 18K-36K BTU/h INVERTER HEAT PUMP & WALL-MOUNT UNITS



WiFi
(Adapter
CS532AH
required)



Standard
Wireless
Remote Controller
MODEL DRCPX



208/230V 18K-36K BTU/h	P SERIES NEW GENERATION SYSTEM MODELS		DHP18NWB21S DHP18CSB21S	DHP24NWB21S DHP24CSB21S	DHP30NWB21S DHP30CSB21S	DHP36NWB21S DHP36CSB21S
Rated Performance	System Type		Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Rated Cooling Capacity	BTU/h	18,000	22,000	28,000	33,600
	Cooling Capacity (Min-Max)	BTU/h	7,165-20,000	8,630-23,200	9,485-30,025	7,404-35,997
	Rated Heating Capacity	BTU/h	19,000	23,000	28,400	34,600
	Heating Capacity (Min-Max)	BTU/h	7,336-23,498	8,650-26,000	9,997-32,994	14,979-35,997
	EER2		9	9.75	10.35	8.2
	SEER2		16	16	18	18
	HSPF2		9	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
	Rated Cooling Current	Amps	8.5	10	11.5	17
	Rated Heating Current	Amps	8.9	10.2	12	16.5
	MCA	Amps	16	16	20	24
	MOCP	Amps	25	25	30	40
Indoor Wall-Mount Unit	Indoor Model Number		DHP18NWB21S	DHP24NWB21S	DHP30NWB21S	DHP36NWB21S
	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	471/403/341/282	706/647/588/530	706/618/530/412	736/647/530/0/412
	Sound Pressure Level High to Low	dB(A)	46/42/39/35	48/44/40/36	51/45/41/37	54/49/44/37
	Unit Dimension (WxDxH)	in. (mm)	38x12x9 (970x300x224)	42x13x10 (1078x325x246)	53x13x10 (1350x326x253)	53x13x10 (1350x326x253)
	Net / Gross Weight	lbs (kg)	30/36 (13.5/16.5)	38/45 (17/21)	42/52 (19/24)	42/52 (19/24)
Outdoor Unit	Outdoor Model Number		DHP18CSB21S	DHP24CSB21S	DHP30CSB21S	DHP36CSB21S
	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)	49.38 (1.4)	65.26 (1.6)	84.65 (2.4)	91.71 (2.6)
	Unit Dimension (WxDxH)	in. (mm)	38x28x16 (955x700x396)	38x28x16 (955x700x396)	39x31x17 (980x790x427)	39x31x17 (980x790x427)
	Net / Gross Weight	lbs (kg)	96/106 (44/48)	65/70 (29/32)	154/165 (70/75)	154/165 (70/75)
	Sound Pressure Level dB(A)	dB(A)	56	59	62	65
Piping	Max. Total Piping Length (Min 10 ft.)	ft. (m)	82 (25)	82 (25)	98.5 (30)	98.5 (30)
	Max. Total Piping Height	ft. (m)	33 (10)	33 (10)	33 (10)	33 (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

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 NEW GENERATION SINGLE-ZONE SYSTEM

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


WiFi

 (Adapter
CS532AH
required)

Standard

 Wireless
Remote Controller
MODEL DRCPX


208/230V 9K-18K BTU/h	P SERIES NEW GENERATION SYSTEM MODELS		DHP09NWB22S DHP09CSB22S	DHP12NWB22S DHP12CSB22S	DHP18NWB22S DHP18CSB22S
Rated Performance	System Type		Heat Pump	Heat Pump	Heat Pump
	Rated Cooling Capacity	BTU/h	9000	11700	17400
	Cooling Capacity (Min-Max)	BTU/h	2150 - 10236	2388.4 - 13307	3753 - 19278
	Rated Heating Capacity	BTU/h	9400	12000	19100
	Heating Capacity (Min-Max)	BTU/h	2218 - 11500	2388.4 - 13648	4100 - 22519
	EER2		10.2	8.7	9.55
	SEER2		17.5	16.5	16
Electrical Data	HSPF2		8.4	8.5	8.2
	Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60
	Rated Cooling Current	Amps	4.1	5.9	8.1
	Rated Heating Current	Amps	3.9	4.8	8.2
	MCA	Amps	9	10	14
Indoor Wall- Mount Unit	MOCP	Amps	15	15	20
	Indoor Model Number		DHP09NWB22S	DHP12NWB22S	DHP18NWB22S
	Set Temperature Range	°F (°C)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ (16 ~ 30)
	Airflow High to Low	CFM	329/294/276/253/223/194/176	371/294/262/235/218/201/182	471/436/406/374/335/311/276
	Sound Pressure Level High to Low	dB(A)	40/37/35/33/30/27/26	45/42/39/37/35/31/30	47/45/42/41/39/37/34
	Unit Dimension (W×H×D)	in. (mm)	31 7/64×10 53/64×7 56/64 (790×275×200)	33.266×11.375×8.234 (845×289×209)	38 12/64×11 52/64×8 55/64 (970×300×225)
Outdoor Unit	Net / Gross Weight	lbs (kg)	19.8 (9) / 24.3 (11)	22.0 (10) / 26.5 (12)	29.8 (13.5) / 35.3 (16)
	Outdoor Model Number		DHP09CSB22S	DHP12CSB22S	DHP18CSB22S
	Operation Range - Cooling	°F (°C)	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
	Refrigerant Charge	oz (kg)	24.3 (0.69)	27.518 (0.78)	42.4 (1.20)
	Gas Additional Charge	oz/ft. (g/m)	0.2 (20)	0.215 (20)	0.17 (20)
	Unit Dimension (W×H×D)	in. (mm)	28 52/64×21 54/64×12 63/64 (732×555×330)	28.812×21.656×12.984 (732×555×330)	31 37/64×21 54/64×13 50/64 (802×555×330)
	Net / Gross Weight	lbs (kg)	56.2 (25.5) / 61.7 (28)	56.228 (25.5) / 61.74 (28)	69.5 (31.5) / 74.97 (34)
	Sound Pressure Level dB(A)	dB(A)	52	52	57
Piping	Cable Recommended between OU & IU		14.4 AWG Stranded Copper THHN 600V	14.4 AWG Stranded Copper THHN 600V	14.4 AWG Stranded Copper THHN 600V
	Max. Total Piping Length (Min 10 ft.)	ft. (m)	49.2 (15)	65.6 (20)	82.0 (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	3/8"	3/8"	1/2"
	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).

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 NEW GENERATION SINGLE-ZONE SYSTEM

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



208/230V 24K-24K BTU/h	P SERIES NEW GENERATION SYSTEM MODELS		DHP24NWB22S DHP24CSB22S	DHP30NWB22S DHP30CSB22S	DHP36NWB22S DHP36CSB22S
Rated Performance	System Type		Heat Pump	Heat Pump	Heat Pump
	Rated Cooling Capacity	BTU/h	22000	30000	33600
	Cooling Capacity (Min-Max)	BTU/h	6824 - 25249	7780 - 35500	7500 - 37200
	Rated Heating Capacity	BTU/h	24000	30000	34600
	Heating Capacity (Min-Max)	BTU/h	5630 - 26614	9100 - 36850	10200 - 38500
	EER2		11.6	11.25	10.5
	SEER2		18	20	20
	HSPF2		8.5	8.5	8.5
Electrical Data	Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60
	Rated Cooling Current	Amps	8.5	12	20
	Rated Heating Current	Amps	9.5	11.5	18
	MCA	Amps	15	20	25
	MOCP	Amps	20	25	35
Indoor Wall-Mount Unit	Indoor Model Number		DHP24NWB22S	DHP30NWB22S	DHP36NWB22S
	Set Temperature Range	°F (°C)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)	61 ~ 86 (16 ~ 30)
	Airflow High to Low	CFM	677/588/559/500/471/441/412	912/736/706/647/588/530/471	912/736/706/647/588/530/471
	Sound Pressure Level High to Low	dB(A)	51/46/45/42/40/38/37	56/50/47/45/42/40/37	56/50/47/45/42/40/37
	Unit Dimension (W×H×D)	in. (mm)	42 28/64×12 51/64×9 44/64 (1078×325×246)	53 10/64×12 53/64×9 61/64 (1350×326×253)	53 10/64×12 53/64×9 61/64 (1350×326×253)
	Net / Gross Weight	lbs (kg)	36.4 (16.5) / 43.0 (19.5)	44.1 (20) / 54.0 (24.5)	44.1 (20) / 54.0 (24.5)
Outdoor Unit	Outdoor Model Number		DHP24CSB22S	DHP30CSB22S	DHP36CSB22S
	Operation Range - Cooling	°F (°C)	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
	Refrigerant Charge	oz (kg)	52.9 (1.5)	74.1 (2.1)	84.7 (2.4)
	Gas Additional Charge	oz/ft. (g/m)	0.5 (50)	0.5 (50)	0.5 (50)
	Unit Dimension (W×H×D)	in. (mm)	37 46/64×25 63/64×15 53/64 (958×660×402)	39 24/64×29 24/64×16 52/64 (1000×746×427)	39 24/64×29 24/64×16 52/64 (1000×746×427)
	Net / Gross Weight	lbs (kg)	97.0 (44) / 106.9 (48.5)	113.6 (51.5) / 124.6 (56.5)	113.6 (51.5) / 124.6 (56.5)
	Sound Pressure Level dB(A)	dB(A)	57	62	62
	Cable Recommended between OU & IU		14-4 AWG Stranded Copper THHN 600V	14-4 AWG Stranded Copper THHN 600V	14-4 AWG Stranded Copper THHN 600V
Piping	Max. Total Piping Length (Min 10 ft.)	ft. (m)	82.0 (25)	82.0 (25)	82.0 (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	5/8"	5/8"	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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X SERIES SINGLE-ZONE SYSTEM

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)



9K BTU/h 208/230V

Wall-Mount Unit DHX09NWB2IS
Inverter Heat Pump DHX09CSB2IS

12K BTU/h 208/230V

Wall-Mount Unit DHX12NWB2IS
Inverter Heat Pump DHX12CSB2IS



18K BTU/h 208/230V

Wall-Mount Unit DHX18NWB2IS
Inverter Heat Pump DHX18CSB2IS

24K BTU/h 208/230V

Wall-Mount Unit DHX24NWB2IS
Inverter Heat Pump DHX24CSB2IS

X SERIES SINGLE-ZONE SYSTEM

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

208V 9k-24k BTU/h	X SERIES SYSTEM MODELS		DHX09NWB2IS DHX09CSB2IS	DHX12NWB2IS DHX12CSB2IS	DHX18NWB2IS* DHX18CSB2IS*	DHX24NWB2IS DHX24CSB2IS
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
	EER2	(Btu/h)/w	14	12	12.5	12.5
	SEER2		23	21.5	20	20
	HSPF2		8.5	8.2	8.3	8.5
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	Indoor Model Number		DHX09NWB2IS	DHX12NWB2IS	DHX18NWB2IS	DHX24NWB2IS
	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 (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)
Outdoor Unit	Outdoor Model Number		DHX09CSB2IS	DHX12CSB2IS	DHX18CSB2IS	DHX24CSB2IS
	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 (WxDxH)	in. (mm)	33x21x13 (848x540x320)	33x21x13 (848x540x320)	38x28x16 (955x700x396)	39x31x17 (980x790x427)
	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)	49.2 (15)	65.5 (20)	82 (25)	82 (25)
	Max. Total Piping Height	ft. (m)	33 (10)	33 (10)	33 (10)	33 (10)
	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).

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R SERIES 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
- Low ambient cooling down to 0° F
- Multiple indoor unit options
- Multipoint diagnostics
- Heavy gauge steel cabinet
- 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 (WxDxH)	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 (70)
	Max. Total Piping Height	ft. (m)	49.2 (15)	49.2 (15)	49.2 (15)	49.2 (15)	49.2 (15)	49.2 (15)
	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 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
- Wired controller (optional)



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 (WxDxH)	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 (WxDxH)	in.(mm)	26.5x26.5 (674x51x674)	37.5x25x37.5 (953x64x953)	37.5x25x37.5 (953x64x953)	37.5x25x37.5 (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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*IDU&ODU require separate power source.

R SERIES 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.



Standard

Wired Zone
Controller
MODEL DWCR

Key Features

- Medium static pressure capability
- Internal condensate drain pump
- Easy to operate

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.	0-0.12	0-0.3	0-0.3	0-0.4	0-0.4	0-0.5
Unit Dimension (W x D x H)	in.(mm)	41x28x11 (1041x711x279)	50x21x11 (1270x559x279)	50x22x11 (1270x559x279)	48x31x11 (1219x787x279)	48.3x30.5x11 (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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*1DU&ODU require separate power source.



208/230V
DHR18NDB21S



208/230V
DHR24NDB21S
DHR30NDB21S



208/230V
DHR36NDB21S
DHR42NDB21S



208/230V
DHR48NDB21S

R SERIES 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
- Wired controller (optional)



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 (WxDxH)	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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*IDU&ODU require separate power source.



208/230V
DHR18NCB21S



208/230V
DHR24NCB21S DHR36NCB21S
DHR30NCB21S DHR42NCB21S



208/230V
DHR48NCB21S



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.

The new S Series is a multi-zone system designed expressly to meet the demands of cold weather climates.

M, W and S Series

Outdoor Units	24
Indoor Units	27

OUTDOOR/INDOOR UNIT COMBINATIONS

Multi-Zone 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 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 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 Outdoor Unit Overview *(continued)*

The S Series Multi-Zone System is the ideal choice for cold weather climates.

S SERIES MULTI-ZONE INVERTER HEAT PUMP UNITS



18K BTU/h 208/230V

Inverter Heat Pump
DHS18CMB22S



24K BTU/h 208/230V

Inverter Heat Pump
DHS24CMB22S



36K BTU/h 208/230V

Inverter Heat Pump
DHS36CMB22S



42K BTU/h 208/230V

Inverter Heat Pump
DHS42CMB22S

Multi-Zone Indoor Unit Overview *(continued)*

M SERIES, W SERIES AND S SERIES MULTI-ZONE INDOOR UNIT OPTIONS



M-Series Wall-Mount Units

PREVIOUS GENERATION

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

NEW GENERATION

9k BTU/h	DHP09NWB22S
12k BTU/h	DHP12NWB22S
18k BTU/h	DHP18NWB22S
24k BTU/h	DHP24NWB22S

W-Series Wall-Mount Units

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

S-Series Wall-Mount Units

PREVIOUS GENERATION

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

NEW GENERATION

9k BTU/h	DHP09NWB22S
12k BTU/h	DHP12NWB22S
18k BTU/h	DHP18NWB22S
24k BTU/h	DHP24NWB22S
9k BTU/h	DHX09NWB21S
12k BTU/h	DHX12NWB21S
18k BTU/h	DHX18NWB21S
24k BTU/h	DHX24NWB21S



M, W and S Series 4-Way Ceiling Cassette Units

PREVIOUS GENERATION

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



NEW GENERATION

12K BTU/h	DHMW12NKB22S
18K BTU/h	DHMW18NKB22S
24K BTU/h	DHMW24NKB22S



M, W and S Series Floor/Ceiling Units

PREVIOUS GENERATION

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



NEW GENERATION

9K BTU/h	DHMW09NCB22S
12K BTU/h	DHMW12NCB22S
18K BTU/h	DHMW18NCB22S
24K BTU/h	DHMW24NCB22S



M, W and S Series Ducted Units

PREVIOUS GENERATION

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



NEW GENERATION

9K BTU/h	DHMW09NDB22S
12K BTU/h	DHMW12NDB22S
18K BTU/h	DHMW18NDB22S
21K BTU/h	DHMW21NDB22S
24K BTU/h	DHMW24NDB22S

Multi-Zone Indoor and Outdoor Unit Overview

MULTI-ZONE SYSTEM FEATURES			
STANDARD FEATURES	M Series	W Series	S 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	●	●	●
-31°F (-35°C) Low Ambient Heating			●

OUTDOOR UNITS					
TONNAGE	1.5	2.0	2.5	3.0	3.5
M Series	●	●	●	●	●
W Series	●	●	●	●	●
S Series	●	●		●	●

DUCTED UNITS					
TONNAGE	.75	1.0	1.5	1.75	2.0
M Series	●	●	●	●	●
W Series	●	●	●	●	●
S Series	●	●	●	●	●

WALL-MOUNT UNITS				
TONNAGE	.75	1.0	1.5	2.0
M Series	●	●	●	●
W Series	●	●	●	●
S Series	●	●	●	●

FLOOR / CEILING UNITS				
TONNAGE	.75	1.0	1.5	2.0
M Series	●	●	●	●
W Series	●	●	●	●
S Series	●	●	●	●

CEILING CASSETTE UNITS			
TONNAGE	1.0	1.5	2.0
M Series	●	●	●
W Series	●	●	●
S Series	●	●	●

M SERIES 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	OUTDOOR UNIT MODELS		DHM18CMB2IS	DHM24CMB2IS	DHM30CMB2IS	DHM36CMB2IS	DHM42CMB2IS
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	7,500-33,000	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 (WxDxH)	in. (mm)	35x24x15 (899x378x396)	37x28x16 (946x396x700)	36x31x17 (914x396x700)	36x31x17 (920x396x700)	40x43x17 (1015x440x1103)
	Net / Gross Weight	lbs (kg)	95/106 (43/48)	135/146 (61/66)	153/165 (69/75)	161/172 (73/78)	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)	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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W SERIES 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 (WxDxH)	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)	49 (15)	49 (15)	49 (15)
	Rise (Indoor above outdoor)	ft. (m)	33 (10)	33 (10)	49 (15)	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	3/8
	Port 5 Piping Connection - Liquid (O.D.)	in.	-	-	-	1/4	1/4
	Port 5 Piping Connection - Gas (O.D.)	in.	-	-	-	3/8	3/8

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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S SERIES MULTI-ZONE SYSTEM OUTDOOR UNITS FOR COLD CLIMATE

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

The Multi-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 23 SEER2)
- Low ambient cooling down to 0°F
- Low ambient heating down to -31°F
- Heavy gauge steel cabinet
- Multi-point diagnostics



18K BTU/h 208/230V
DHS18CMB22S



24K BTU/h 208/230V
DHS24CMB22S



36K BTU/h 208/230V
DHS36CMB22S



42K BTU/h 208/230V
DHS42CMB22S

OUTDOOR UNIT MODELS			DHS18CMB22S	DHS24CMB22S	DHS36CMB22S	DHS42CMB22S
System Type			Heat Pump			
Rated Performance	Energy-Star		Yes	No	No	No
	Rated Cooling Capacity	BTU/h	18000	22000	36000	42000
	Cooling Capacity (Min-Max)	BTU/h	6998 - 21001	7500 - 30000	8871 - 40000	8871 - 42991
	Rated Heating Capacity	BTU/h	21000	26000	36000	42000
	Heating Capacity (Min-Max)	BTU/h	7000 - 26000	7500 - 31000	8871 - 42514	8871 - 46062
	EER2 (Non-ducted / Ducted)		12 / 8.5	12 / 8.5	9 / 8	9 / 8
	SEER2 (Non-ducted / Ducted)		20 / 14.5	20 / 14.5	16 / 14.5	16 / 14.5
	HSPF2 (Non-ducted / Ducted)		10 / 7.8	10 / 7.8	8.6 / 7.6	8.6 / 7.6
Electrical	Heating Capacity ratio @ -13°F		100%	100%	80%	77%
	Heating Capacity ratio @ -31°F		100%	84%	64%	64%
	Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Outdoor Unit	Fuse Current	Amps	30	30	60	60
	Circuit Breaker	Amps	35	40	60	60
	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)	-31 ~ 75 (-35 ~ 24)	-31 ~ 75 (-35 ~ 24)	-31 ~ 75 (-35 ~ 24)	-31 ~ 75 (-35 ~ 24)
	Refrigerant		R410A	R410A	R410A	R410A
	Refrigerant Charge	lbs (kg)	4.8 (2.20)	5.9 (2.7)	9.9 (4.5)	11 (5.0)
	Connection Pipe Gas Additional Charge	oz (kg)	0.21 (20)	0.21 (20)	0.21 (20)	0.21 (20)
	Unit Dimension (WxHxD)	in. (mm)	39.4x16.8x31.1 (1003x427x790)	39.4x16.8x31.1 (1003x427x790)	43.7x17.3x43.4 (1087x440x1103)	43.7x17.3x43.4 (1087x440x1103)
Piping	Net / Gross Weight	lbs (kg)	171.9 (78.0) / 182.9 (83.0)	174.1 (79.0) / 185.1 (84.0)	279.9 (127.0) / 297.6 (135.0)	282.1 (128.0) / 299.8 (136.0)
	Sound Pressure Level dB(A)	dB(A)	58	60	62	62
	Max Piping Height Distance (indoor and outdoor)	ft. (m)	26.2 (8)	26.2 (8)	49.2 (15)	49.2 (15)
	Drop (outdoor above indoor) or Rise (indoor above outdoor)	ft. (m)	26.2 (8)	26.2 (8)	49.2 (15)	49.2 (15)
	Max Piping equivalent length (outdoor to last indoor)	ft. (m)	82 (25)	82 (25)	82 (25)	82 (25)
	Max Piping Length Distance (total length)	ft. (m)	164 (50)	229.6 (70)	246 (75)	262.4 (80)
	Liquid Piping Outer Diameter 1	in	1/4	1/4	1/4	1/4
	Gas Piping Outer Diameter 1	in	3/8	3/8	3/8	3/8
	Liquid Piping Outer Diameter 2	in	1/4	1/4	1/4	1/4
	Gas Piping Outer Diameter 2	in	3/8	3/8	3/8	3/8
	Liquid Piping Outer Diameter 3	in	/	1/4	1/4	1/4
	Gas Piping Outer Diameter 3	in	/	3/8	3/8	3/8
	Liquid Piping Outer Diameter 4	in	/	/	1/4	1/4
	Gas Piping Outer Diameter 4	in	/	/	3/8	3/8
	Liquid Piping Outer Diameter 5	in	/	/	/	1/4
	Gas Piping Outer Diameter 5	in	/	/	/	3/8

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 AND S SERIES 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)	33.11x8 (845x289x209)	33.11x8 (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

NEW GENERATION WALL-MOUNT UNIT MODELS		DHP09NWB22S	DHP12NWB22S	DHP18NWB22S	DHP24NWB22S
System Type		Heat Pump			
Cooling Capacity	BTU/h	9000	11700	17400	22000
Heating Capacity	BTU/h	9400	12000	19100	24000
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	329/294/276/253/223/194/176	371/294/262/235/218/201/182	471/436/406/374/335/311/276	677/588/559/500/471/441/412
Sound Pressure Level High to Low	dB(A)	40/37/35/33/30/27/26	45/42/39/37/35/31/30	47/45/42/41/39/37/34	51/46/45/42/40/38/37
Unit Dimension (WxHxD)	in. (mm)	31 7/64x10 53/64x7 56/64 (790x275x200)	33.266x11.375x8.234 (845x289x209)	38 12/64x11 52/64x8 55/64 (970x300x225)	42 28/64x12 51/64x9 44/64 (1078x325x246)
Net / Gross Weight	lbs (kg)	19.8 (9) / 24.3 (11)	22.0 (10) / 26.5 (12)	29.8 (13.5) / 35.3 (16)	36.4 (16.5) / 43.0 (19.5)
Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	1/4
Piping Connection - Gas (O.D.)	in.	3/8	1/2	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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W AND S SERIES 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 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).

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M, W AND S SERIES 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 (Previous Generation)
- High static pressure capability (New Generation)
- Internal condensate drain pump



Standard
Wired Central
Controller
DWUNI



Optional
Wired Central
Controller
DCCUNI

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
Static Pressure	in. W.G.	0-0.04	0-0.04	0-0.04	0-0.06	0-0.06
Unit Dimension (WxDxH)	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

NEW GENERATION DUCTED UNIT MODELS		DHMW09NDB22S	DHMW12NDB22S	DHMW18NDB22S	DHMW21NDB22S	DHMW24NDB22S
System Type		Heat Pump				
Cooling Capacity	Btu/h	9000	12000	18000	21000	24000
Heating Capacity	Btu/h	9500	13000	19000	23000	27000
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
Air Flow Volume (SS/H/M/L/SL)	CFM	323/253/211/188	353/288/247/211	588/411/311/288	588/411/311/288	735/625/559/475/453/145/406/065
Standard Static Pressure	InWg	0.24	0.24	0.36	0.36	0.36
Max. Static Pressure	InWg	0.60	0.60	0.80	0.80	0.80
Sound Pressure Level (SS/H/M/L/SL)	dB (A)	36/30/27/25	38/33/29/26	39/33/29/26	39/33/29/26	42/36/32/28
Dimension of Outline (WxDxH)	in (mm)	32.6x29.6x11.8 (830x754x300)	32.6x29.6x11.8 (830x754x300)	44.4x29.6x11.8 (1130x754x300)	44.4x29.6x11.8 (1130x754x300)	44.4x29.6x11.8 (1130x754x300)
Net / Gross Weight	lbs (kg)	70.5 (32.0) / 83.7 (38.0)	70.5 (32.0) / 83.7 (38.0)	92.5 (42.0) / 106.9 (48.5)	92.5 (42.0) / 106.9 (48.5)	92.5 (42.0) / 106.9 (48.5)
Piping Connection - Liquid (O.D.)	in	1/4	1/4	3/8	3/8	3/8
Piping Connection - Gas (O.D.)	in	3/8	1/2	5/8	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, W AND S SERIES 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
- Wired controller (optional)



Standard

Wireless
Remote
Controller
MODEL
DRCMW

NEW GENERATION



PREVIOUS GENERATION

CEILING CASSETTE UNIT MODELS		DHWM12NKB21S	DHWM18NKB21S	DHWM24NKB21S
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	694/509/436
Sound Pressure Level High to Low	dB(A)	46/44/42	46/44/42	39/37/35
Unit Dimension (WxDxH)	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 (WxDxH)	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

NEW GENERATION CEILING CASSETTE UNIT MODELS		DHWM12NKB22S	DHWM18NKB22S	DHWM24NKB22S
System Type		Heat Pump		
Cooling Capacity	Btu/h	12000	14400	22800
Heating Capacity	Btu/h	13000	16000	27400
Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60
Air Flow Volume (SS/H/M/L/SL)	CFM	382/329/306/264	417/394/347/264	753/717/647/517
Dimension of Outline (WxDxH)	in (mm)	23.4x23.4x9.4 (596x596x240)	23.4x23.4x9.4 (596x596x240)	33x33x9.4 (840x840x240)
Net / Gross Weight	lbs (kg)	44 (20.0) / 52.9 (24.0)	44 (20.0) / 52.9 (24.0)	57.3 (26.0) / 70.5 (32.0)
Panel Part number		PNLMW03	PNLMW03	PNLMW04
Panel Outline Dimension (WxDxH)	in (mm)	26.3x26.3x1.9 (670x670x50)	26.3x26.3x1.9 (670x670x50)	37.4x37.4x2.3 (950x950x60)
Panel Net Weight	lbs (kg)	7.7 (3.5) / 11 (5)	7.7 (3.5) / 11 (5)	15.4 (7) / 24.2 (11)
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, W AND S SERIES 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



NEW GENERATION

PREVIOUS GENERATION

Key Features

- Multi-speed fan
- Infrared remote control
- Wired controller (optional)
- 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 (WxDxH)	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

NEW GENERATION FLOOR/CEILING UNIT MODELS		DHMW09NCB22S	DHMW12NCB22S	DHMW18NCB22S	DHMW24NCB22S
System Type		Heat Pump			
Nominal Capacity - Cooling	Btu/h	8500	11800	17000	22800
Nominal Capacity - Heating	Btu/h	9500	13100	18700	27400
Rated Voltage	V-PH-Hz	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Air Flow Volume (SS/H/M/L/SL)	CFM	412/359/318/247	412/359/318/247	400/347/306/241	559/511/470/423
Dimension of Outline(WxDxH)	in (mm)	34.2x9.2x26.1 (870x235x665)	34.2x9.2x26.1 (870x235x665)	34.2x9.2x26.1 (870x235x665)	47.2x9.2x26.1 (1200x235x665)
Net / Gross Weight	lbs (kg)	55.1 (25.0) / 66.1 (30.0)	55.1 (25.0) / 66.1 (30.0)	56.2 (25.5) / 67.2 (30.5)	72.7 (33.0) / 88.1 (40.0)
Piping Connection - Liquid (O.D.)	in.	1/4	1/4	1/4	3/8
Piping Connection - Gas (O.D.)	in.	3/8	1/2	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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M, W AND S SERIES MULTI-ZONE SYSTEM OPTIONS

POSSIBLE OUTDOOR / INDOOR COMBINATIONS – 18-36K

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
	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
30K	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
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
	9K+21K	9K+9K+21K	9K+9K+9K+21K
	9K+24K	9K+9K+24K	9K+9K+9K+24K
	12K+12K	9K+12K+12K	9K+9K+12K+12K
	12K+18K	9K+12K+18K	9K+9K+12K+18K
	12K+21K	9K+12K+21K	9K+9K+18K+18K
	12K+24K	9K+12K+24K	9K+9K+12K+21K
	18K+18K	9K+18K+18K	9K+9K+12K+24K
	18K+21K	9K+18K+21K	9K+12K+12K+12K
	18K+24K	9K+18K+24K	9K+12K+12K+18K
	21K+21K	9K+21K+21K	9K+12K+12K+21K
	21K+24K	9K+21K+24K	12K+12K+12K+12K
	24K+24K	12K+12K+12K	12K+12K+12K+18K
		12K+12K+18K	
		12K+12K+21K	
		12K+12K+24K	
		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, W AND S SERIES 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	9K+9K+21K	9K+9K+9K+21K	9K+9K+9K+9K+21K
	12K+12K	9K+9K+24K	9K+9K+9K+24K	9K+9K+9K+9K+24K
	12K+18K	9K+12K+12K	9K+9K+12K+12K	9K+9K+9K+12K+12K
	12K+21K	9K+12K+18K	9K+9K+12K+18K	9K+9K+9K+12K+18K
	12K+24K	9K+12K+21K	9K+9K+12K+21K	9K+9K+9K+12K+21K
	18K+18K	9K+12K+24K	9K+9K+12K+24K	9K+9K+9K+12K+24K
	18K+21K	9K+18K+18K	9K+9K+18K+18K	9K+9K+9K+18K+18K
	18K+24K	9K+18K+21K	9K+9K+18K+21K	9K+9K+9K+18K+21K
	21K+21K	9K+18K+24K	9K+9K+18K+24K	9K+9K+9K+18K+24K
	21K+24K	9K+21K+21K	9K+9K+21K+21K	9K+9K+9K+21K+21K
	24K+24K	9K+21K+24K	9K+9K+21K+24K	9K+9K+9K+21K+24K
		9K+24K+24K	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	
		12K+12K+21K	9K+12K+12K+24K	
		12K+12K+24K	9K+12K+18K+18K	
		12K+18K+18K	9K+12K+18K+21K	
		12K+18K+21K	9K+12K+18K+24K	
		12K+18K+24K	9K+18K+18K+18K	
		12K+21K+21K	12K+12K+12K+12K	
		12K+21K+24K	12K+12K+12K+18K	
		12K+24K+24K	12K+12K+12K+21K	
		18K+18K+18K	12K+12K+12K+24K	
		18K+18K+21K	12K+12K+18K+18K	
		18K+18K+24K	12K+12K+18K+21K	
		18K+21K+21K		
		18K+21K+24K		

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





CONTROLS

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

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Wired Zone Controllers 36

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Gateway Controllers 37

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INDOOR SERIES CONTROLS WIRED CENTRAL CONTROLLERS



MODEL DCCRMW

(Indoor Units for Multi-Zones 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, P New Generation, R, X, Indoor Units for Multi-Zones)

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

(Indoor Units for Multi-Zones)

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
- Programmed temperature control
- Quiet mode
- 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, P New Generation, Indoor Units for Multi-Zones)

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

INDOOR SERIES CONTROLS 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 Ducted, Cassette, Floor Indoor Units for Multi-Zones



MODEL DRCR

Comes standard with R Series.



MODEL DRCPX

Comes standard with P Series, P Series New Generation, X 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, P New Generation, and X series. Adapter CS532AH required for P and X.

GATEWAYS

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



H-LINK GATEWAY MODEL DCAHLA

(P, P New Generation, X Series, Indoor Units for Multi-Zones)

The game-changing H-Link Gateway integrates Luxaire 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 DCABAS

(P, P New Generation, R, X Series, Indoor Units for Multi-Zones)

The Wired BACnet Gateway integrates Luxaire Mini-Split Systems Series P, R, X, M, W and S with all major building automation systems for easy management of mini-split systems. Monitor and control up to 48 indoor units with this powerful unit.

CONTROLLER FEATURE COMPARISON TABLE

Wired Zone Controllers and Gateways

CONTROLLER TYPE	Wired Zone Controller	Wired Zone Controller	Wired Zone Controller	Wired Zone Controller	Wired Zone Controller	H-Link Gateway	Wired BACnet Gateway
Indoor Series	Indoor Units for Multi-Zones	P & X	P, P New Generation, X, Indoor Units for Multi-Zones	R	R	P, P New Generation, R, X, Indoor Units for Multi-Zones*	P, P New Generation, R, X, Indoor Units for Multi-Zones*
MODEL	DWCMW	DWCPX2	DWUNI	DWCR	DWCR2	DCAHLA	DCABAS
							
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				●			
Keypad 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 std with unit	Remote Controller std with unit	Remote Controller std with unit
Indoor Series	R, Indoor Units for Multi-Zone	P, P New Generation, R, X, Indoor Units for Multi-Zone	Indoor Units for Multi-Zone	R	P, P New Generation, X
MODEL	DCCRMW	DCCUNI	DRCMW	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
DL87743	BRACKET, WALL, MINISPLIT, 176-LB

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

FILTER OPTIONS	
PART NUMBER	DESCRIPTION
DL111220081	PHOTOCATALYTIC FILTER (P, P NEW GENERATION, X SERIES MODELS)
DL1112220401	PHOTOCATALYTIC FILTER (P, P NEW GENERATION, X SERIES MODELS)
DL11122007	PHOTOCATALYTIC FILTER (P, P NEW GENERATION, X SERIES MODELS)
DL11012025	ACTIVE CARBON FILTER (P, P NEW GENERATION, X SERIES MODELS)
DL11012422	ACTIVE CARBON FILTER (P, P NEW GENERATION, X SERIES MODELS)

HOLDER OPTIONS	
PART NUMBER	DESCRIPTION
HDRCPX	WIRELESS REMOTE CONTROL HOLDER FOR P, P SERIES NEW GENERATION, X SERIES
HDRCR	WIRELESS REMOTE CONTROL HOLDER FOR R SERIES
HDRCMW	WIRELESS REMOTE CONTROL HOLDER FOR INDOOR UNITS FOR MULTI-ZONES

INTERCONNECT CABLE	
PART NUMBER	DESCRIPTION
DL87795	INTERCONNECT CABLE 14/4 AWG CLASS B 50'
DL87790	INTERCONNECT CABLE 14/4 AWG CLASS B 100'

DRAIN HOSE	
PART NUMBER	DESCRIPTION
DL83003	5/8" DRAIN HOSE 20' STANDARD
DL83011	1/2" DRAIN HOSE 65' INSULATED
DL83013	1" DRAIN HOSE 65' INSULATED



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

Luxaire® 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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