



MULTI VTM
INDOOR UNITS
VRF SOLUTIONS

LG Air Conditioning Technologies



ABOUT LG



About LG Electronics USA

LG Electronics USA, Inc., based in Englewood Cliffs, N.J., is the North American subsidiary of LG Electronics, Inc., a \$68 billion global innovator in technology and manufacturing. In the United States, LG sells a wide range of innovative home appliances, home entertainment products, commercial displays, air conditioning products, energy solutions and vehicle components. LG is a 2023 ENERGY STAR® Partner of the Year-Sustained Excellence. The company's commitment to environmental sustainability and its "Life's Good" marketing theme encompass how LG is dedicated to people's happiness by exceeding expectations today and tomorrow. Please visit www.lg.com.

LG Electronics USA Air Conditioning Technologies

LG Electronics USA's Air Conditioning Technologies business is based in Alpharetta, GA. LG is a leading player in the global air conditioning market, distributing both commercial and residential air conditioners and building management solutions. From consumer and individual units to industrial and specialized air conditioning solutions, LG provides a wide range of products for heating, ventilating and air conditioning. The company's industry-leading variable refrigerant flow (VRF) technology minimizes efficiency losses, provides sustainable energy savings, and offers some of the lowest lifecycle costs compared to other systems on the market today. Ten-time ENERGY STAR® Partner of the Year, LG Electronics USA (based in Englewood Cliffs, NJ), is the North American subsidiary of LG Electronics Inc., a \$68 billion global technology and manufacturing. For more information.

Visit www.lghvac.com for more information.

ABOUT LG VRF

A Variable Refrigerant Flow (VRF) solution is a single refrigerant circuit that connects many indoor units to one outdoor unit. VRF is a superior way to heat and cool any space, providing improved humidity control, individual set points per indoor unit, and a quiet comfort experience. In the heat recovery configuration, VRF also allows for heating and cooling simultaneously in different zones, further enhancing energy savings and increasing occupant comfort. Energy efficient and easy to design, install, and maintain, a VRF solution has low lifecycle cost compared to other traditional HVAC systems on the market today.

Why LG VRF?

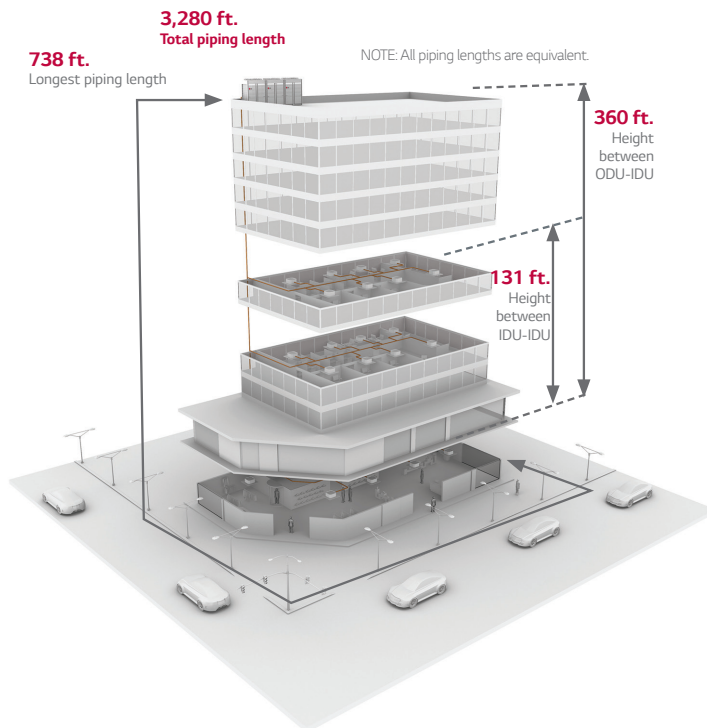
The benefits of LG VRF are numerous: less piping for installers, energy efficiency for owners, and modern indoor units that complement every setting. Furthermore, LG Inverter scroll compressors optimize energy efficiency.

With the addition of LGRED° heating capability, the Multi V™ 5 provides operational performance with heating down to -22°F and cooling up to 122°F for all units with no additional accessories or modifications to the equipment, making it a robust solution for all climates.

LGRED°
Powerful Heat Technology
RELIABLE TO EXTREME DEGREES

MULTI V™ 5

1. High Elevation Piping Distances

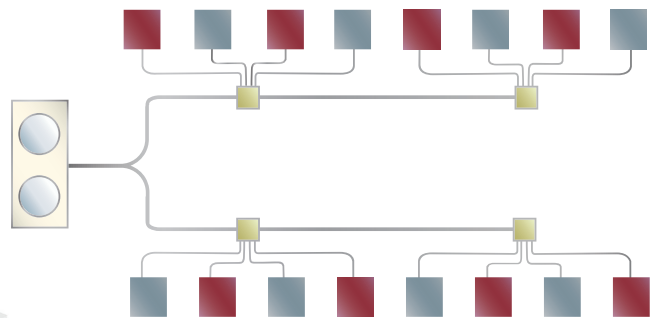


3. Operation Range

- Industry-leading operation ranges without additional accessories or performance deficits:
 - Heating: -22°F to 61°F WB
 - Cooling: 5°F to 122°F DB
 - Simultaneous Operation: 14°F to 81°F DB

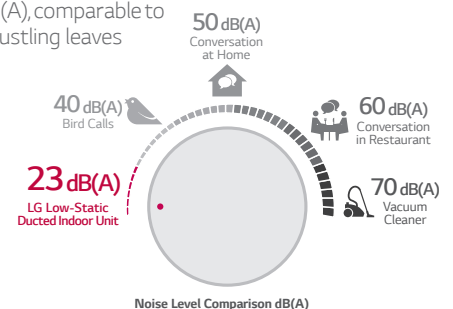
2. Optimized Heat Recovery Piping

- Flexible piping layout reduces materials and labor costs during installation
- LG Heat Recovery Unit (HRU) is quiet, compact, lightweight, and does not need condensate drains
- Configured for fully independent heating and cooling, ensuring occupant comfort



4. Quiet Operation

- Quiet indoor unit operation down to 23 dB(A), comparable to the sound of rustling leaves



LG VRF ADVANTAGES

Efficiency

Advanced features for superior efficiency:

- **Advanced Smart Load Control**
Automatically adjusts system target pressures based on outdoor temperature and humidity for increased cooling performance.
- **Active Refrigerant Control**
Depending on the operating mode and conditions, the system refrigerant level is automatically adjusted for increased part load and heating efficiency.
- **Variable Path Heat Exchanger**
Depending on the operating mode and conditions, both the refrigerant flow path and velocity are adjusted for improved efficiency.
- **Advanced Printed Circuit Board Cooling**
Improved cooling performance of the inverter printed circuit board by using liquid refrigerant instead of heat sink cooling methods.



Design Flexibility

- **Higher-Elevation Piping Technology**
More floors with fewer systems. LG Multi V™ 5 eliminates the need to invest in extra systems and saves on installation. Enjoy no heating capacity losses due to long pipe length.
- **Compact and Lightweight**
More indoor zones, less outdoor space. When space or access is at a premium, Multi V™ 5 offers significant cost advantages on large projects.

- **LG Inverter Scroll**
Innovative high side-shell design creates a more compact unit providing the same capacity output, with greater reliability in cold climates.
- **HiPOR™ (High-Pressure Oil Return)**
Oil is returned to the compressor through a separate inlet pipe, ensuring that compressor energy is used to compress refrigerant only.
- **Smart Oil Control**
Eliminates timed oil-return cycles and takes hours off of the time required to return oil compared to systems that use a timed oil-recovery cycle.
- **Intelligent Heating**
By monitoring the outdoor humidity, system target pressures can be reduced to extend heating operation, delay defrost operation and reduce power consumption.

Performance

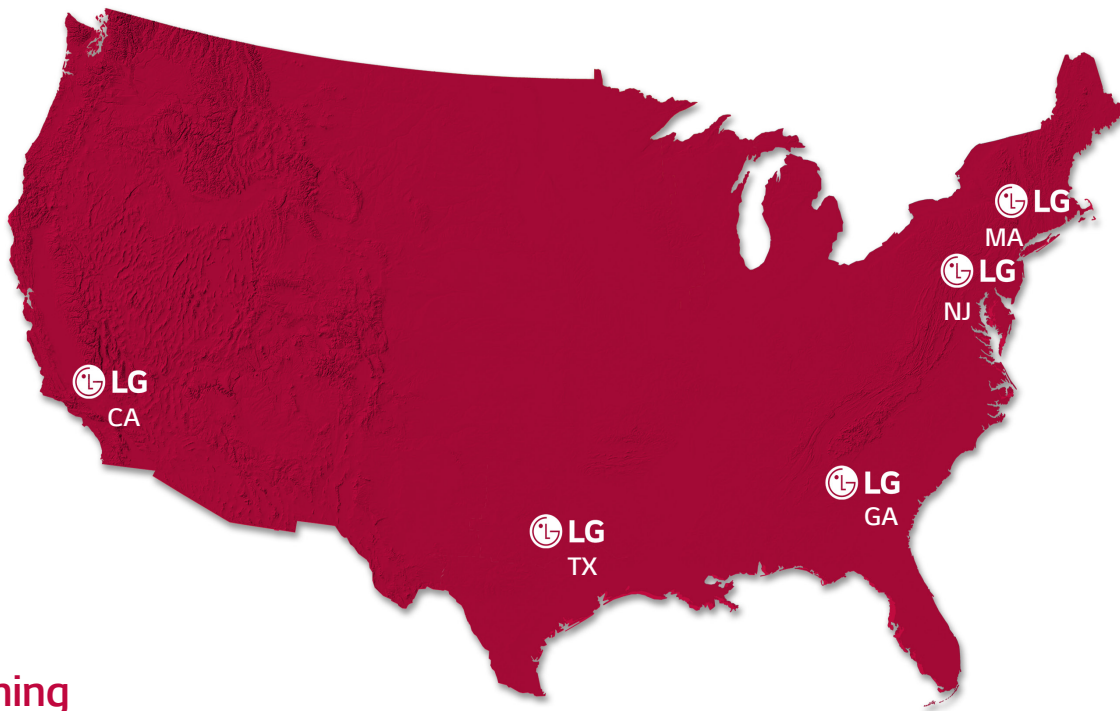
Expansive operating range in cooling and heating without adding accessories:

- LG Multi V™ 5 uses vapor injection technology for improved heating performance in ambient conditions as low as -22°F.
- Using a variable path heat exchanger, LG Multi V™ 5 performs in low ambient conditions to provide cooling down to 5°F.

Comfort

- **Quiet Operation**
Multi V™ indoor units are among the quietest in the industry, with rated sound levels as low as 23dB(A). In addition to temperature, airflow and dehumidification, extremely low sound levels contribute to a relaxing environment.
- **Individualized Zone Control**
Multi V™ solutions allow the user to control the space to the temperature desired. This further enhances comfort while promoting reduced power consumption.
- **Indoor Air Quality**
All Multi V™ indoor units incorporate a reusable, washable filter. Since distribution and return ducts are not required for this system, dust accumulation is reduced, contributing to improved indoor air quality.

TRAINING



Training

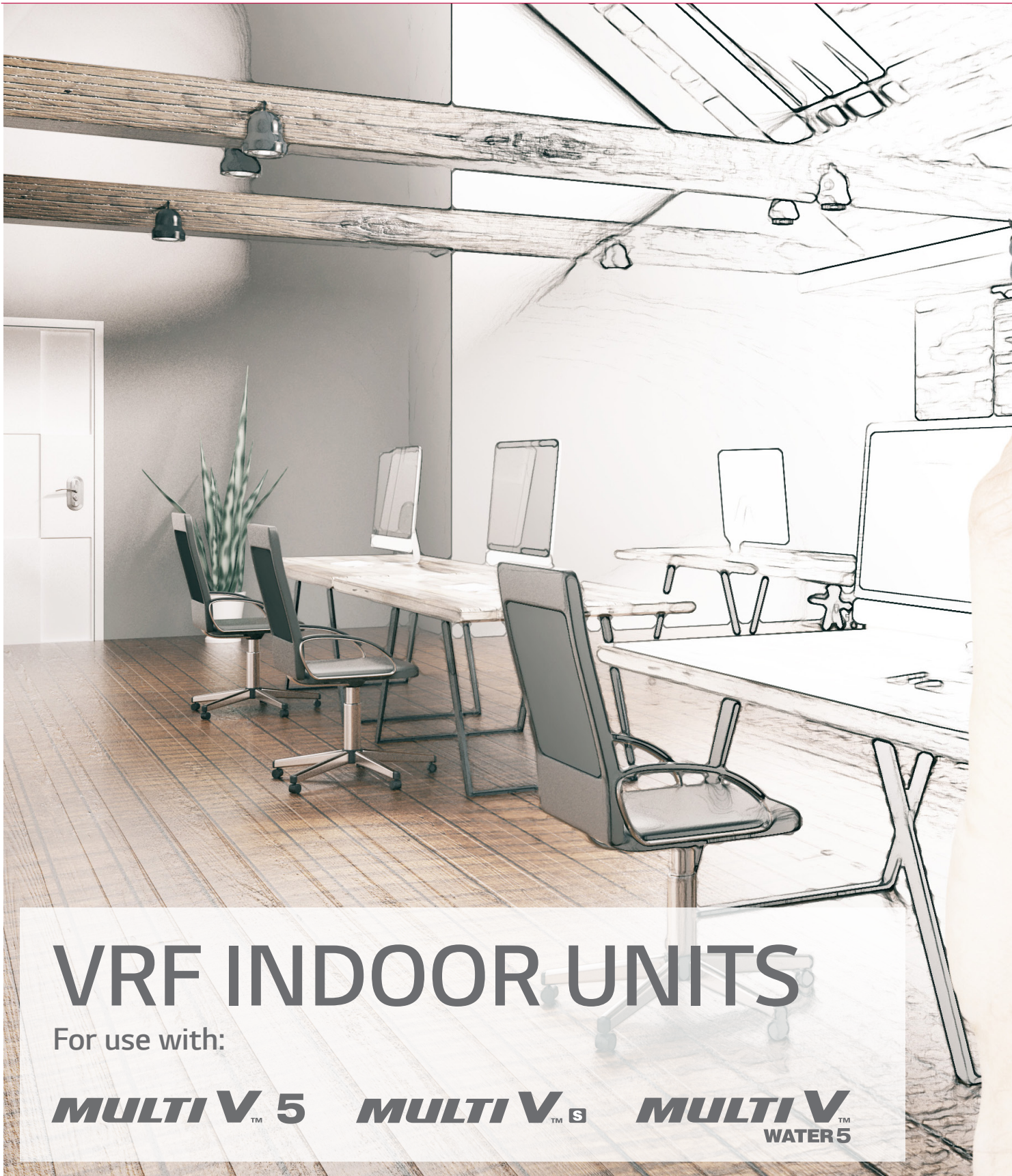
LG US Air Conditioning Technologies is headquartered near Atlanta in Alpharetta, Georgia, along with a full training academy. Additional training academies are located in California, Texas, New Jersey, and Massachusetts. Since 2008, our academies have trained thousands on the advantages of LG air conditioning products, and even more have been trained through LG's online training modules. World-class trainers with years of experience teach classes in duct-free technology, with topics covering everything from installation to service for the full range of LG air conditioning products. LG also has a number of strategically placed partner academies throughout the United States that offer a number of LG-focused training classes as well.

For HVAC professionals, LG offers online instruction via our Learning Management System and classroom training at our training academies, strategically placed throughout the country. Training is open to all contractors; ask your LG Electronics authorized distributor for details. For more information and to find out how you can be part of the next training class near you, visit <https://lghvac.com/training>.

Design and Service Tools

As part of our commitment to innovation, LG has developed inventive ways to enhance the engineer's and service technician's experience with these tools:

- **LG Monitoring View (LGMV)** Software and Mobile App both connect to LG Multi V™ Solutions to allow technicians to troubleshoot accurately and evaluate equipment performance by interfacing directly with the unit. The software provides an accurate picture of an operating system without the need to check system temperatures manually, access the refrigerant circuit for system pressures, or perform time-consuming resistance and voltage tests. This service tool provides the most effective troubleshooting method for LG Multi V™ equipment.
- **LATS HVAC** is an integrated piping sizing tool for LG Air Conditioning Technologies products, including Multi V™, Multi F, Single Zone, DOAS, and ERV. Also available to assist with pipe diameter selection and advise on the unit selection process are an Autodesk Revit® plug-in (LATS Revit) and Bluebeam Revu® tool sets for LG HVAC products. Using drag and drop functionality, layout your LG products quickly with these tools. In addition, LATS Revit can calculate critical details like output capacity and additional refrigerant and confirm pipe lengths are within allowable tolerances based on inputted data. Reach out to your local LG representative for help with using LATS to save time.



VRF INDOOR UNITS

For use with:

MULTI VTM 5


MULTI VTM S


**MULTI VTM
WATER5**

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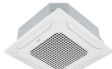
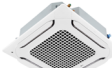










OUTDOOR UNIT Lineup

Solution Type		Frames	2	3	4	5	6	8	10	12		
Air Source	Multi V™ 5 LGRED° <small>Powerful Heat Technology</small> <small>RELIABLE TO EXTREME DEGREES</small>	<ul style="list-style-type: none"> • Heat Pump and Heat Recovery in the same chassis 						● ●	● ●	● ●	● ●	
		<ul style="list-style-type: none"> • Available in 208-230V and 460V 										
												
Air Source	Multi V™ S	<ul style="list-style-type: none"> • Heat Pump or Heat Recovery Solutions • Single-Phase Power • ¹Three-Phase Power 		●	●	●	● ●	● ¹	● ¹			
		<ul style="list-style-type: none"> • Heat Pump and Heat Recovery Solutions • Single-Phase Power 			●	●						
Water Source	Multi V™ Water 5 208-230V	<ul style="list-style-type: none"> • Heat Pump and Heat Recovery Solutions 						●	●	●	●	
												
												
	Multi V™ Water 5 460V	<ul style="list-style-type: none"> • Heat Pump and Heat Recovery Solutions 						●	●	●	●	
												
												

● = Heat Pump
 ● = Heat Recovery
 ● = Heat Pump and Heat Recovery
 Unit : Tons

14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	48
● ●	● ●	● ●	● ●												
				● ●	● ●	● ●	● ●	● ●	● ●	● ●					
											● ●	● ●	● ●	● ●	
●	●	●	●	●	●										
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	●	●	●	●	●			●							
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INDOOR UNIT Lineup

Chassis		5	7	9	12	15	18
Art Cool™	Gallery 			●	●		
	Mirror 	●	●	●	●	●	●
Standard	Wall Mounted 	●	●	●	●	●	●
Ceiling Cassette	1-Way 		●	●	●		●
	2-Way 						●
	4-Way (2'x2') 	●	●	●	●	●	●
	4-Way (3'x3') 		●	●	●	●	●
Ceiling Suspended	Ceiling Mounted 						●
Ceiling Concealed Ducted	Low Static 		●	●	●	●	●
	Mid Static 		●	●	●	●	●
	Convertible Mid Static 		●	●	●	●	●
	High Static 		●	●	●	●	●
Ducted	Multi-Position Air Handler Unit 				●		●
Floor Standing	With Case 		●	●	●	●	●
	Without Case 		●	●	●	●	●
Hydro Kit	Medium Temperature 						
	High Temperature 						

LG indoor units offer a wide range of styles and features to fit all of your cooling and heating needs. With cassettes that mount flush to the ceiling, ducted units that are completely concealed in the ceiling, and LG's award-winning Art Cool Gallery and mirror-finished, wall-mounted units that fit into any décor, the Multi V™ solution offers unparalleled aesthetic design and indoor units to fit into multiple applications.

Unit : kBtu/h

24	28	30	36	42	48	54	76	96
●								
●		●	●					
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●								
●	●		●	●	●			
●			●		●			
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				●				●
				● (Heating Only)			● (Heating Only)	

ART COOL™ GALLERY

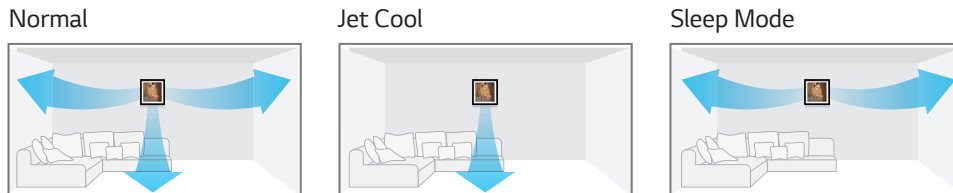


ARNU*****A4

Specifications		Unit	093SF	123SF
Chassis			SF	SF
Capacity	Cooling	Btu/h	9,600	12,300
	Heating	Btu/h	10,900	13,600
Power Input (H / M / L)	Nominal	Watts	28 / 16 / 10	32 / 20 / 12
Power Supply		V, Hz, Ø	208/230, 60, 1	208/230, 60, 1
Dimensions (W × H × D)	Body	inches	23-5/8 × 23-5/8 × 5-3/4	23-5/8 × 23-5/8 × 5-3/4
Weight	Net	lbs	33.1	33.1
	Shipping	lbs	38.1	38.1
Sound Pressure ¹ (H / M / L)		dBA	38 / 32 / 27	44 / 38 / 32
Air Flow Rate, Standard Mode (H / M / L)		CFM	286 / 222 / 148	328 / 272 / 212

Digital Airflow Control

The airflow can be controlled to ensure maximum comfort and convenience.



Customizable Picture Frame

With LG's revolutionary Art Cool Gallery, you can change the look of your air conditioner to whatever you want, whenever you want.



Accessories

Description	Model
Wi-Fi Module	PWFMD200

Note :

¹Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org

Due to our commitment to continued innovation, some specifications may be changed without notification.

ART COOL™ MIRROR



ARNU*****R4

Specifications		Unit	053SJ	073SJ	093SJ	123SJ	153SJ	183SK	243SK
Chassis			SJ	SJ	SJ	SJ	SJ	SK	SK
Capacity	Cooling	Btu/h	5,500	7,500	9,600	12,300	15,400	19,100	24,200
	Heating	Btu/h	6,100	8,500	10,900	13,600	17,100	21,500	25,600
Power Input (H / M / L)	Nominal	Watts	11 / 10 / 9	12 / 11 / 9	13 / 12 / 9	15 / 13 / 11	23 / 18 / 11	32 / 26 / 16	39 / 26 / 16
Power Supply		V, Hz, Ø	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1
Dimensions (W x H x D)	Body	inches	32-5/16 x 12-1/8 x 7-9/16	32-5/16 x 12-1/8 x 7-9/16	32-5/16 x 12-1/8 x 7-9/16	32-5/16 x 12-1/8 x 7-9/16	32-5/16 x 12-1/8 x 7-9/16	39-5/16 x 13-9/16 x 8-3/8	39-5/16 x 13-9/16 x 8-3/8
			Net	lbs	20.2	20.2	20.2	20.2	20.2
Weight	Shipping	lbs	27.7	27.7	27.7	27.7	27.7	38.8	38.8
	Sound Pressure ¹ (H / M / L)	dBA	30 / 29 / 28	32 / 30 / 28	34 / 32 / 28	37 / 34 / 30	42 / 39 / 32	43 / 39 / 34	46 / 41 / 34
Air Flow Rate, Standard Mode (H / M / L)		CFM	240 / 230 / 208	254 / 240 / 208	275 / 254 / 208	300 / 254 / 240	371 / 336 / 240	494 / 424 / 371	537 / 449 / 371

Accessories

Description	Model
Auxiliary Heat Kit	PRARS1
Wi-Fi Module	PWFMD200

Note:

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STANDARD WALL MOUNTED



ARNU*****S4

Specifications		Unit	053SJ	073SJ	093SJ	123SJ	153SJ	183SK	243SK
Chassis			SJ	SJ	SJ	SJ	SJ	SK	SK
Capacity	Cooling	Btu/h	5,500	7,500	9,600	12,300	15,400	19,100	24,200
	Heating	Btu/h	6,100	8,500	10,900	13,600	17,100	21,500	25,600
Power Input (H / M / L)	Nominal	Watts	11 / 10 / 9	12 / 11 / 9	13 / 12 / 9	15 / 13 / 11	23 / 18 / 11	32 / 26 / 16	39 / 26 / 16
Power Supply		V, Hz, Ø	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1
Dimensions (W x H x D)	Body	inches	32-3/16 x 12-7/16 x 7-7/16	32-3/16 x 12-7/16 x 7-7/16	32-3/16 x 12-7/16 x 7-7/16	32-3/16 x 12-7/16 x 7-7/16	32-3/16 x 12-7/16 x 7-7/16	38-3/8 x 13-15/16 x 8-1/4	38-3/8 x 13-15/16 x 8-1/4
	Weight	Net	lbs	18.5	18.5	18.5	18.5	26.9	26.9
	Shipping	lbs	24.9	24.9	24.9	24.9	24.9	35.3	35.3
Sound Pressure ¹ (H / M / L)		dBA	30 / 29 / 28	32 / 30 / 28	34 / 32 / 28	37 / 34 / 30	42 / 39 / 32	43 / 39 / 34	46 / 41 / 34
Air Flow Rate, Standard Mode (H / M / L)		CFM	240 / 230 / 208	254 / 240 / 208	275 / 254 / 208	300 / 254 / 240	371 / 336 / 240	494 / 424 / 371	537 / 449 / 371



ARNU*****A4

Specifications		Unit	303SV	363SV
Chassis			SV	SV
Capacity	Cooling	Btu/h	30,000	35,500
	Heating	Btu/h	32,000	37,000
Power Input (H / M / L)	Nominal	Watts	54 / 43 / 31	85 / 51 / 36
Power Supply		V, Hz, Ø	208/230, 60, 1	208/230, 60, 1
Dimensions (W x H x D)	Body	inches	46-27/32 x 13-5/8 x 10-7/16	46-27/32 x 13-5/8 x 10-7/16
Weight	Net	lbs	37	37
	Shipping	lbs	48	48
Sound Pressure ¹ (H / M / L)		dBA	49 / 44 / 42	52 / 47 / 43
Air Flow Rate, Standard Mode (H / M / L)		CFM	812 / 706 / 600	918 / 812 / 671

Accessories

Description	Model
Auxiliary Heat Kit	PRARS1
Wi-Fi Module	PWFMD200

Note:

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1-WAY CASSETTE AND 2-WAY CASSETTE



ARNU ***TUD4
ARNU ***TTD4



ARNU***TSA4

Specifications		Unit	073TU	093TU	123TU	183TT	243TT	183TS	243TS
Chassis			TU	TU	TU	TT	TT	TS	TS
Capacity	Cooling	Btu/h	7,500	9,600	12,300	19,100	24,200	19,100	24,200
	Heating	Btu/h	8,500	10,900	13,600	21,500	24,200	21,500	27,300
Power Input (H / M / L)	Nominal	Watts	20 / 18 / 16	22 / 20 / 18	24 / 22 / 20	38 / 28 / 24	51 / 33 / 26	34 / 29 / 24	40 / 30 / 25
Power Supply		V, Hz, Ø	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1
Dimensions (W × H × D)	Body	inches	33-7/8 x 6-5/8 x 17-13/16	33-7/8 x 6-5/8 x 17-13/16	33-7/8 x 6-5/8 x 17-13/16	46-1/2 x 6-7/8 x 17-3/4	46-1/2 x 6-7/8 x 17-3/4	32-11/16 x 8-7/8 x 23-5/8	32-11/16 x 8-7/8 x 23-5/8
	Grille Panel	inches	43-5/16 x 19-11/16 x 1-3/8	43-5/16 x 19-11/16 x 1-3/8	43-5/16 x 19-11/16 x 1-3/8	55-15/16 x 19-11/16 x 1-5/16	55-15/16 x 19-11/16 x 1-5/16	43-5/16 x 27-3/16 x 1-1/8	43-5/16 x 27-3/16 x 1-1/8
Unit Weight	Net	lbs	33	33	33	42	42	39.9	39.9
	Shipping	lbs	40	40	40	49	49	49.6	49.6
Grille Panel Weight	Net	lbs	10	10	10	13	13	10.3	10.3
	Shipping	lbs	16	16	16	20	20	14.3	14.3
Sound Pressure ¹ (H / M / L)		dBA	32 / 29 / 25	35 / 34 / 32	38 / 35 / 32	40 / 37 / 35	43 / 40 / 36	35 / 33 / 31	40 / 37 / 33
Air Flow Rate, Standard Mode (H / M / L)		CFM	290 / 258 / 226	325 / 304 / 290	353 / 325 / 290	470 / 427 / 385	515 / 470 / 406	417 / 381 / 348	512 / 438 / 364
Grille Panel			PT-UAHW0	PT-UAHW0	PT-UAHW0	PT-TAHWO	PT-TAHWO	PT-USC	PT-USC

Accessories

Description	Model
Grille Panel for 1-Way Cassette, TU Chassis	PT-UAHW0
Grille Panel for 1-Way Cassette, TT Chassis	PT-TAHWO
Grille Panel for 2-Way Cassette, TS Chassis	PT-USC
Auxiliary Heat Kit	PRARH1
Wi-Fi Module	PWFMD200

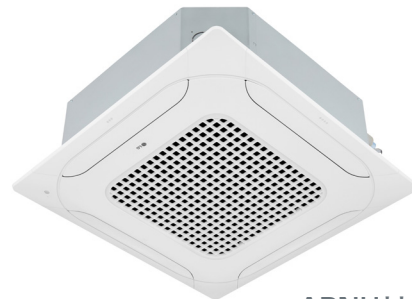
Note:

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4-WAY CASSETTE (2x2)



ARNU*****D4

Specifications	Unit	053TR	073TR	093TR	123TR	153TQ	183TQ	
Chassis		TR	TR	TR	TR	TQ	TQ	
Capacity	Cooling	Btu/h	5,500	7,500	9,600	12,300	15,400	19,100
	Heating	Btu/h	6,100	8,500	10,900	13,600	17,100	21,500
Power Input (H / M / L)	Nominal	Watts	13 / 12 / 11	13 / 12 / 11	14 / 13 / 12	17 / 15 / 13	24 / 21 / 18	25 / 22 / 19
Power Supply	V, Hz, Ø	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	
Dimensions (W x H x D)	Body	inches	22-7/16 x 9-5/16 x 22-7/16	22-7/16 x 9-5/16 x 22-7/16	22-7/16 x 9-5/16 x 22-7/16	22-7/16 x 9-5/16 x 22-7/16	22-7/16 x 11 x 22-7/16	22-7/16 x 11 x 22-7/16
	Grille Panel	inches	24-7/16 x 24-7/16 x 1-11/32	24-7/16 x 24-7/16 x 1-11/32	24-7/16 x 24-7/16 x 1-11/32	24-7/16 x 24-7/16 x 1-11/32	24-7/16 x 24-7/16 x 1-11/32	24-7/16 x 24-7/16 x 1-11/32
Unit Weight	Net	lbs	29	29	32	32	35	35
	Shipping	lbs	34	34	38	38	40	40
Grille Panel Weight	Net	lbs	7	7	7	7	7	7
	Shipping	lbs	11	11	11	11	11	11
Sound Pressure ¹ (H / M / L)	dBA	29 / 27 / 26	29 / 27 / 26	30 / 29 / 27	32 / 30 / 27	36 / 34 / 32	37 / 35 / 34	
Air Flow Rate, Standard Mode (H / M / L)	CFM	265 / 247 / 212	265 / 247 / 212	283 / 265 / 251	307 / 283 / 247	388 / 353 / 328	396 / 388 / 353	
Grille Panel		PT-QAGW0	PT-QAGW0	PT-QAGW0	PT-QAGW0	PT-QAGW0	PT-QAGW0	

Accessories

Description	Model
Ventilation Kit	PTVK430
Grille Panel (True 2 x2)	PT-QAGW0
Auxiliary Heat Kit	PRARH1
Wi-Fi Module	PWFMD200

Note:

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4-WAY CASSETTE (3×3)



ARNU*****A4

Specifications		Unit	073TA	093TA	123TA	153TA	183TA
Chassis			TA	TA	TA	TA	TA
Capacity	Cooling	Btu/h	7,500	9,600	12,300	15,400	19,100
	Heating	Btu/h	8,500	10,900	13,600	17,100	21,500
Power Input (H / M / L)	Nominal	Watts	23.3 / 16.1 / 10.9	24.7 / 17.6 / 10.9	26.1 / 19.2 / 13.3	28.5 / 20.4 / 14.8	31.1 / 23.3 / 16.1
Power Supply		V, Hz, Ø	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1
Dimensions (W × H × D)	Body	inches	33-3/32 x 11-11/32 x 33-1/16	33-3/32 x 11-11/32 x 33-1/16	33-3/32 x 11-11/32 x 33-1/16	33-3/32 x 11-11/32 x 33-1/16	33-3/32 x 11-11/32 x 33-1/16
	Grille Panel	inches	37-13/32 x 37-13/32 x 1-3/8	37-13/32 x 37-13/32 x 1-3/8	37-13/32 x 37-13/32 x 1-3/8	37-13/32 x 37-13/32 x 1-3/8	37-13/32 x 37-13/32 x 1-3/8
Unit Weight	Net	lbs	59.5	59.5	59.5	59.5	59.5
	Shipping	lbs	71.7	71.7	71.7	71.7	71.7
Grille Panel Weight	Net	lbs	15.7	15.7	15.7	15.7	15.7
	Shipping	lbs	20.5	20.5	20.5	20.5	20.5
Sound Power ¹ (H / M / L)		dB(A)	41 / 38 / 36	42 / 39 / 36	42 / 40 / 37	43 / 40 / 38	44 / 41 / 38
Air Flow Rate, Standard Mode (H/M/L/LL)		CFM	653 / 556 / 468 / 397	670 / 576 / 468 / 397	687 / 599 / 515 / 426	711 / 615 / 547 / 468	735 / 653 / 556 / 483
Grille Panel			PTAAGW0	PTAAGW0	PTAAGW0	PTAAGW0	PTAAGW0

Specifications		Unit	243TAA	283TA	363TA	423TA	483TA
Chassis			TA	TA	TA	TA	TA
Capacity	Cooling	Btu/h	24,200	28,000	36,200	42,000	48,100
	Heating	Btu/h	27,300	31,500	40,600	43,800	51,200
Power Input (H / M / L)	Nominal	Watts	40.0 / 31.1 / 24.7	45.5 / 35.2 / 26.1	64.7 / 43.4 / 31.1	85.8 / 64.7 / 43.4	100.0 / 66.8 / 53.1
Power Supply		V, Hz, Ø	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1
Dimensions (W × H × D)	Body	inches	33-3/32 x 11-11/32 x 33-1/16	33-3/32 x 11-11/32 x 33-1/16	33-3/32 x 11-11/32 x 33-1/16	33-3/32 x 11-11/32 x 33-1/16	33-3/32 x 11-11/32 x 33-1/16
	Grille Panel	inches	37-13/32 x 37-13/32 x 1-3/8	37-13/32 x 37-13/32 x 1-3/8	37-13/32 x 37-13/32 x 1-3/8	37-13/32 x 37-13/32 x 1-3/8	37-13/32 x 37-13/32 x 1-3/8
Unit Weight	Net	lbs	59.5	59.5	59.5	59.5	59.5
	Shipping	lbs	71.7	71.7	71.7	71.7	71.7
Grille Panel Weight	Net	lbs	15.7	15.7	15.7	15.7	15.7
	Shipping	lbs	20.5	20.5	20.5	20.5	20.5
Sound Power ¹ (H / M / L)		dB(A)	47 / 45 / 42	48 / 46 / 42	51 / 48 / 44	54 / 51 / 48	56 / 52 / 50
Air Flow Rate, Standard Mode (H/M/L/LL)		CFM	813 / 742 / 670 / 576	855 / 771 / 687 / 599	988 / 838 / 735 / 653	1,091 / 988 / 838 / 751	1,158 / 1,000 / 908 / 838
Grille Panel			PTAAGW0	PTAAGW0	PTAAGW0	PTAAGW0	PTAAGW0

Accessories

Description	Model
Grille Panel	PTAAGW0
Premium Panel	PTAFGW0S (PTAFGW0 Panel + PTAHMPO Air Purification Kit)
Sensors	PTFSMA0 (Floor Temperature), PTVSAA0 (Human Detection)
Ventilation Kit	PTVK410 and PTVK420 + PTVK430 (Ventilation Flange)
Wireless Remote Controller	PWLSB21H
Cassette Cover	PTDCA
Auxiliary Heat Kit	PRARH1
Wi-Fi Module	PWFMD200

Note:

¹Sound Power levels are tested in an anechoic chamber under ISO Standard 9614.Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org

Due to our commitment to continued innovation, some specifications may be changed without notification.

CEILING SUSPENDED



ARNU*****A4

Specifications		Unit	ARNU183V1A4	ARNU243V1A4	ARNU363V2A4	ARNU483V2A4
Chassis			V1	V1	V2	V2
Capacity	Cooling	Btu/h	19,100	24,200	36,200	48,100
	Heating	Btu/h	21,500	27,300	40,600	51,200
Power Input (H / M / L)	Nominal	Watts	23 / 20 / 17	25 / 21 / 17	84 / 77 / 66	91 / 79 / 66
Power Supply		V, Hz, Ø	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1
Dimensions (W × H × D)	Body	inches	47-1/4 × 9-1/4 × 27-3/16	47-1/4 × 9-1/4 × 27-3/16	63 × 9-1/4 × 27-3/16	63 × 9-1/4 × 27-3/16
	Net	lbs	64	64	82	82
Unit Weight	Shipping	lbs	79	79	100	100
Sound Pressure ¹ (H / M / L)		dBA	36 / 34 / 33	37 / 35 / 33	45 / 44 / 41	47 / 44 / 41
Air Flow Rate (H / M / L)		CFM	477 / 441 / 424	495 / 459 / 424	954 / 848 / 706	1,024 / 848 / 706

Accessories

Description	Model
Ventilation Kit	PTVK430
Auxiliary Heat Kit	PRARH1
Wi-Fi Module	PWFMDD200

Note:

¹Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org

Due to our commitment to continued innovation, some specifications may be changed without notification.

MULTI-POSITION AIR HANDLER UNIT



ARNU*****A4

Specifications		Unit	123NJ	183NJ	243NJ	303NJ	363NJ	423NK	483NK	543NK
Chassis			NJ	NJ	NJ	NJ	NJ	NK	NK	NK
Capacity	Cooling	Btu/h	12,000	18,000	24,000	30,000	36,000	42,000	48,000	54,000
	Heating	Btu/h	13,500	20,000	27,000	34,000	40,000	46,000	54,000	60,000
Power Input (H / M / L)	Nominal	Watts	80 / 64 / 47	90 / 80 / 64	120 / 96 / 64	180 / 133 / 94	230 / 180 / 133	260 / 215 / 186	330 / 264 / 186	370 / 312 / 264
Power Supply	V, Hz, Ø		208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1
Dimensions (W x H x D)	Body	inches	18 x 49-3/8 x 21-13/32	18 x 49-3/8 x 21-13/32	18 x 49-3/8 x 21-13/32	18 x 49-3/8 x 21-13/32	18 x 49-3/8 x 21-13/32	25 x 55-13/16 x 21-1/4	25 x 55-13/16 x 21-1/4	25 x 55-13/16 x 21-1/4
	Net	lbs	117	117	117	117	121	165	165	165
Weight	Shipping	lbs	140	140	140	140	144	181	181	181
Sound Power ¹ @ 0.50" ESP (H/M/L)		dBa	54 / 53 / 52	56 / 55 / 54	57 / 56 / 53	62 / 60 / 56	67 / 62 / 60	59 / 57 / 56	63 / 59 / 56	65 / 63 / 59
Sound Pressure ² @ 0.50" ESP (H/M/L)		dBa	42 / 41 / 39	42 / 42 / 41	43 / 42 / 41	44 / 43 / 42	45 / 44 / 43	46 / 44 / 41	49 / 47 / 41	50 / 49 / 47
Air Flow Rate, Standard Mode (H/M/L)		CFM	530 / 480 / 380	580 / 530 / 480	710 / 640 / 480	880 / 800 / 630	990 / 880 / 800	1,250 / 1,100 / 1,000	1,400 / 1,260 / 1,000	1,475 / 1,400 / 1,260
External Static Pressure, Standard Mode		in wg	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Air Flow Rate, High Mode (H/M/L)		CFM	530 / 480 / 380	580 / 530 / 480	710 / 640 / 480	880 / 800 / 630	990 / 880 / 800	1,250 / 1,100 / 1,000	1,400 / 1,260 / 1,000	1,475 / 1,400 / 1,260
External Static Pressure, High Mode		in wg	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
ESP Range (Min/Max)		in wg	0.1 - 1.0	0.1 - 1.0	0.1 - 1.0	0.1 - 1.0	0.1 - 1.0	0.1 - 1.0	0.1 - 1.0	0.1 - 1.0

Accessories

Description	Model
3 kW Heat Kit	ANEH033B1
5 kW Heat Kit	ANEH053B1
8 kW Heat Kit	ANEH083B2
10 kW Heat Kit	ANEH103B2
15 kW Heat Kit	ANEH153B2
20 kW Heat Kit	ANEH203B2
Auxiliary Heat Kit	PRARH1

Note:

¹Sound Power level is measured using rated conditions, and tested in a reverberation room per AHRI 260.

²Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org

Due to our commitment to continued innovation, some specifications may be changed without notification.

LOW STATIC DUCTED



ARNU*****G4

Specifications		Unit	073L1	093L1	123L2	153L2	183L2	243L3
Chassis			L1	L1	L2	L2	L2	L3
Capacity	Cooling	Btu/h	7,500	9,600	12,300	15,400	19,100	24,000
	Heating	Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
Power Input (H / M / L)	Nominal	Watts	31 / 28 / 24	39 / 29 / 24	41 / 34 / 29	56 / 41 / 34	71 / 56 / 41	103 / 63 / 48
Power Supply		V, Hz, Ø	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1
Dimensions (W x H x D)	Body	inches	30-1/2 x 7-1/2 x 27-9/16	30-1/2 x 7-1/2 x 27-9/16	38-3/8 x 7-1/2 x 27-9/16	38-3/8 x 7-1/2 x 27-9/16	38-3/8 x 7-1/2 x 27-9/16	46-1/4 x 7-1/2 x 27-9/16
Weight	Net	lbs	38.6	38.6	50.7	50.7	50.7	59.5
	Shipping	lbs	47.4	47.4	60.6	60.6	60.6	68.3
Sound Power Max ¹		dBA	48	49	52	53	54	58
Sound Pressure ² (H / M / L)		dBA	27 / 26 / 23	30 / 26 / 23	31 / 29 / 26	34 / 31 / 29	36 / 34 / 31	39 / 35 / 32
Air Flow Rate, High Mode (H / M / L)		CFM	270 / 230 / 200	320 / 250 / 200	360 / 310 / 250	450 / 360 / 310	530 / 450 / 360	710 / 570 / 430
External Static Pressure, High Mode		in wg	0.1	0.1	0.1	0.1	0.1	0.1
ESP Range (Min/Max)		in wg	0 - 0.19	0 - 0.19	0 - 0.19	0 - 0.19	0 - 0.19	0 - 0.19

Accessories

Description	Model
Auxiliary Heat Kit	PRARH1
Wi-Fi Module	PWFMD200

Note:

¹Sound Power level is measured using rated conditions, and tested in a reverberation room per ISO 3741 standards.

²Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org

Due to our commitment to continued innovation, some specifications may be changed without notification.

MID STATIC DUCTED



ARNU****A4 (M2 & M3 Models)

CONVERTIBLE MID STATIC DUCTED
ARNU****A4 (MA Models)

Specifications		Unit	283M2	363M2	423M2	483M3	543M3
Chassis			M2	M2	M2	M3	M3
Capacity	Cooling	Btu/h	28,000	36,200	42,000	48,100	54,000
	Heating	Btu/h	31,500	40,600	47,000	54,200	61,400
Power Input (H / M / L)	Nominal	Watts	123 / 88 / 57	184 / 123 / 88	231 / 193 / 136	172 / 107 / 75	260 / 215 / 172
Power Supply		V, Hz, Ø	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1
Dimensions (W x H x D)	Body	inches	49-9/32 x 10-11/16 x 27-1/4	49-9/32 x 10-11/16 x 27-1/4	49-9/32 x 10-11/16 x 27-1/4	49-1/4 x 14-3/16 x 27-3/16	49-1/4 x 14-3/16 x 27-3/16
Weight	Net	lbs	86.2	86.2	86.2	96.1	96.1
	Shipping	lbs	99.2	99.2	99.2	105.4	105.4
Sound Power ¹ @ 0.24" ESP (H / M / L)		dBA	48 / 46 / 44	51 / 48 / 46	55 / 52 / 49	55 / 51 / 50	56 / 54 / 55
Sound Pressure ² @ 0.24" ESP (H / M / L)		dBA	40 / 39 / 37	42 / 40 / 38	44 / 43 / 40	42 / 39 / 37	44 / 43 / 42
Air Flow Rate High Mode (H / M / L)		CFM	845 / 676 / 528	1,031 / 845 / 676	1,260 / 1,076 / 888	1,482 / 1,191 / 918	1,744 / 1,614 / 1,482
External Static Pressure, High Mode		in wg	0.24	0.24	0.24	0.23	0.23
ESP Range (Min/Max)		in wg	0.16 - 0.71	0.16 - 0.71	0.16 - 0.71	0.16 - 0.79	0.16 - 0.79

Specifications		Unit	073MA	93MA	123MA	153MA	183MA	243MA
Chassis			MA	MA	MA	MA	MA	MA
Capacity	Cooling	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
	Heating	Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
Power Input (H / M / L)	Nominal	Watts	47 / 36 / 30	48 / 39 / 32	56 / 46 / 38	81 / 64 / 56	102 / 76 / 66	110 / 89 / 70
Power Supply		V, Hz, Ø	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1
Dimensions (W x H x D)	Body	inches	35-7/16 x 9-21/32 x 27-9/16	35-7/16 x 9-21/32 x 27-9/16	35-7/16 x 9-21/32 x 27-9/16	35-7/16 x 9-21/32 x 27-9/16	35-7/16 x 9-21/32 x 27-9/16	35-7/16 x 9-21/32 x 27-9/16
Weight	Net	lbs	62.6	62.6	62.6	62.6	62.6	65.5
	Shipping	lbs	72.1	72.1	72.1	72.1	72.1	75.0
Sound Power Max ¹		dBA	44	44	47	51	54	57
Sound Pressure ² @ 0.24" ESP (H / M / L)		dBA	28 / 27 / 25	28 / 27 / 26	31 / 29 / 28	33 / 31 / 29	36 / 32 / 29	38 / 33 / 30
Air Flow Rate, High Mode (H / M / L)		CFM	283 / 247 / 212	353 / 318 / 283	494 / 424 / 353	530 / 424 / 388	635 / 530 / 424	706 / 547 / 459
External Static Pressure, High Mode		in wg	0.24	0.24	0.24	0.24	0.24	0.24
ESP Range (Min/Max)		in wg	0.10 - 0.59	0.10 - 0.59	0.10 - 0.59	0.10 - 0.59	0.10 - 0.59	0.10 - 0.59

Accessories

Description	Model
Auxiliary Heat Kit	PRARH1
High-Capacity Filter Box for MA MSD Chassis	ZFBXM101A
High-Capacity Filter Box for M2 HSD / MSD Chassis	ZFBXM201A
High-Capacity Filter Box for M3 HSD / MSD Chassis	ZFBXM301A
Wi-Fi Module	PWFMD200

Note:

¹Sound Power level is measured using rated conditions, and tested in a reverberation room per AHRI 260.

²Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org

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HIGH STATIC DUCTED



ARNU****A4 (M2 & M3 Models)

ARNU****A4 (B8 Models)

Specifications		Unit	073M2	093M2	123M2	153M2	183M2	243M2
Chassis			M2	M2	M2	M2	M2	M2
Capacity	Cooling	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
	Heating	Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
Power Input (H / M / L)	Nominal	Watts	38 / 29 / 21	38 / 29 / 21	43 / 34 / 25	43 / 34 / 25	67 / 43 / 34	67 / 43 / 34
Power Supply		V, Hz, Ø	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1
Dimensions (W x H x D)	Body	inches	49-9/32 x 10-11/16 x 27-1/4	49-9/32 x 10-11/16 x 27-1/4	49-9/32 x 10-11/16 x 27-1/4	49-9/32 x 10-11/16 x 27-1/4	49-9/32 x 10-11/16 x 27-1/4	49-9/32 x 10-11/16 x 27-1/4
Weight	Net	lbs	82.9	82.9	82.9	82.9	82.9	82.9
	Shipping	lbs	95.5	95.5	95.5	95.5	95.5	95.5
Sound Power ¹ @ 0.24" ESP (H / M / L)		dBa	42 / 41 / 41	42 / 41 / 41	42 / 41 / 41	42 / 41 / 41	44 / 42 / 42	44 / 42 / 42
Sound Pressure ² @ 0.24" ESP (H / M / L)		dBa	38 / 37 / 36	38 / 38 / 36	38 / 38 / 36	38 / 38 / 36	39 / 38 / 37	39 / 38 / 37
Air Flow Rate, High Mode (H / M / L)		CFM	468 / 381 / 294	468 / 381 / 294	512 / 425 / 337	512 / 425 / 337	673 / 512 / 425	673 / 512 / 425
External Static Pressure, High Mode		in wg	0.24	0.24	0.24	0.24	0.24	0.24
ESP Range (Min/Max)		in wg	0.16 - 0.71	0.16 - 0.71	0.16 - 0.71	0.16 - 0.71	0.16 - 0.71	0.16 - 0.71

Specifications		Unit	283M3	363B8	423B8	483B8	763B8	963B8
Chassis			M3	B8	B8	B8	B8	B8
Capacity	Cooling	Btu/h	28,000	36,200	42,000	48,100	76,400	95,900
	Heating	Btu/h	31,500	40,600	43,800	51,200	86,000	107,500
Power Input (H / M / L)	Nominal	Watts	109 / 83 / 60	478 / 420 / 403	528 / 497 / 465	538 / 500 / 482	765 / 505 / 505	800 / 750 / 750
Power Supply		V, Hz, Ø	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1
Dimensions (W x H x D)	Body	inches	49-1/4 x 14-3/16 x 27-3/16	61-1/2 x 18-1/8 x 27-1/8	61-1/2 x 18-1/8 x 27-1/8	61-1/2 x 18-1/8 x 27-1/8	61-1/2 x 18-1/8 x 27-1/8	61-1/2 x 18-1/8 x 27-1/8
Weight	Net	lbs	96.1	192	192	192	192	192
	Shipping	lbs	110	222	222	222	222	222
Sound Power ¹ @ 0.24" ESP (H / M / L)		dBa	51 / 50 / 50	54 / 53 / 52	55 / 54 / 53	55 / 54 / 53	57 / 57 / 57	58 / 57 / 57
Sound Pressure ² (H / M / L)		dBa	40 / 39 / 37	46 / 45 / 42	47 / 46 / 43	47 / 46 / 44	50 / 48 / 48	52 / 50 / 50
Air Flow Rate, High Mode (H / M / L)		CFM	1,250 / 1,017 / 837	1,730 / 1,317 / 1,066	1,914 / 1,458 / 1,123	2,019 / 1,518 / 1,200	2,260 / 1,766 / 1,766	2,542 / 2,260 / 2,260
External Static Pressure, High Mode		in wg	0.23	0.70	0.70	0.7	0.87	0.87
ESP Range (Min/Max)		in wg	0.16 - 0.79	0.35 - 0.98	0.35 - 0.98	0.35 - 0.98	0.47 - 0.98	0.47 - 0.98

Accessories

Description	Model
Auxiliary Heat Kit	PRARH1
High-Capacity Filter Box for B8 HSD Chassis	ZFBXB801A
High-Capacity Filter Box for M1 MSD Chassis	ZFBXM101A
High-Capacity Filter Box for M2 HSD / MSD Chassis	ZFBXM201A
High-Capacity Filter Box for M3 HSD / MSD Chassis	ZFBXM301A
Wi-Fi Module	PWFMD200

Note:

¹Sound Power level is measured using rated conditions, and tested in a reverberation room per AHRI 260.

²Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org

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FLOOR STANDING UNIT



-A : Floor-Standing with case

-U : Floor-Standing without case

ARNU*****4

Specifications		Unit	073CEA	093CEA	123CEA	153CEA	183CFA	243CFA
Chassis			CE	CE	CE	CE	CF	CF
Capacity	Cooling	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
	Heating	Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
Power Input (H / M / L)	Nominal	Watts	24 / 17 / 14	30 / 24 / 17	36 / 30 / 24	44 / 35 / 28	54 / 41 / 29	84 / 54 / 41
Power Supply		V, Hz, Ø	208/230, 60, 1	2208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1
Dimensions (W x H x D)	Body	inches	42 x 25 x 8	42 x 25 x 8	42 x 25 x 8	42 x 25 x 8	53 x 25 x 8	53 x 25 x 8
Weight	Net	lbs	59.5	59.5	59.5	59.5	75	75
	Shipping	lbs	68.3	68.3	68.3	68.3	86	86
Sound Pressure ¹ (H / M / L)		dBa	35 / 33 / 31	36 / 34 / 32	37 / 35 / 33	38 / 37 / 35	40 / 37 / 34	43 / 40 / 37
Air Flow Rate, High Mode (H / M / L)		CFM	300 / 265 / 229	335 / 300 / 265	371 / 335 / 300	406 / 353 / 335	565 / 494 / 424	635 / 565 / 494
External Static Pressure, High Mode		in wg	0	0	0	0	0	0

Specifications		Unit	073CEU	093CEU	123CEU	153CEU	183CFU	243CFU
Chassis			CE	CE	CE	CE	CF	CF
Capacity	Cooling	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
	Heating	Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
Power Input (H / M / L)	Nominal	Watts	24 / 17 / 14	30 / 24 / 17	36 / 30 / 24	44 / 35 / 28	54 / 41 / 29	84 / 54 / 41
Power Supply		V, Hz, Ø	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1	208/230, 60, 1
Dimensions (W x H x D)	Body	inches	38-1/2 x 25-3/16 x 8	38-1/2 x 25-3/16 x 8	38-1/2 x 25-3/16 x 8	38-1/2 x 25-3/16 x 8	49-7/16 x 25-3/16 x 7-1/2	49-7/16 x 25-3/16 x 7-1/2
Weight	Net	lbs	46.3	46.3	46.3	46.3	58.4	58.4
	Shipping	lbs	56.2	56.2	56.2	56.2	68.3	68.3
Sound Pressure ¹ (H / M / L)		dBa	35 / 33 / 31	36 / 34 / 32	37 / 35 / 33	38 / 37 / 35	40 / 37 / 34	43 / 40 / 37
Air Flow Rate, High Mode (H / M / L)		CFM	300 / 265 / 229	335 / 300 / 265	371 / 335 / 300	406 / 353 / 335	565 / 494 / 424	635 / 565 / 494
ESP Range (Min/Max)		in wg	0 - 0.2	0 - 0.2	0 - 0.2	0 - 0.2	0 - 0.24	0 - 0.24

Accessories

Description	Model
Auxiliary Heat Kit	PRARH1
Wi-Fi Module	PWFMD200

Note:

¹Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org

Due to our commitment to continued innovation, some specifications may be changed without notification.

HYDRO KIT

Medium Temperature



ARNH423K2A4 ARNH963K2A4

Specifications		Unit	ARNH423K2A4	ARNH963K2A4
Cooling Mode Performance	Rated Capacity ¹	Btu/h	42,100	95,900
	Entering Water Temp Range	°F	50-95	50-95
	Leaving Water Temp Range	°F	41-77	41-77
	Indoor Air Temp Setpoint Range	°F	64-86	64-86
Heating Mode Performance	Rated Capacity ¹	Btu/h	47,200	107,500
	Entering Water Temp Range	°F	59 - 113	59 - 113
	Leaving Water Temp Range	°F	68 - 122	68 - 122
	Indoor Air Temp Setpoint Range	°F	64 - 86	64 - 86
Unit Data	Hot Water Tank Setpoint Range	°F	86-122	86-122
	Refrigerant Type		R410A	R410A
	Refrigerant Control		EEV	EEV
	Sound Pressure ²	dB(A)	26	26
	Net Unit Weight	lbs	67	77
	Shipping Weight	lbs	79	89
	Dimensions (W x H x D)		20-1/2 x 24-13/16 x 15-7/8	20-1/2 x 24-13/16 x 15-7/8
Heat Rejected to Equipment Room	Btu/h	Negligible	Negligible	
Oil Type		-	-	
Heat Exchanger	Material/Type		316 Stainless/Brazed Plate	316 Stainless/Brazed Plate
	Rated Water Flow	GPM	10.4	24.3
	Rated Pressure Drop ³	ft-wg	13.7	23.1
	Range of Flow	GPM	5.3 - 10.4	8 - 24.3
	Waterside Volume	US Gallons	0.31	0.58
Piping	Waterside Design Pressure	psig	640	640
	Liquid Line (OD)	inches	3/8 Braze	3/8 Braze
	Vapor Line (OD)	inches	5/8 Braze	7/8 Braze
	Condensate Line (ID)	inches	1-MPT	1-MPT
Electrical Data	Water Inlet/Outlet (ID)	inches	1-MPT	1-MPT
	MCA	A	0.1	0.1
	MOP	A	15	15
	Rated Amps	A	0.08	0.08
	Power Supply	V / Hz / Ø	208-230/60/1	208-230/60/1
Power Input (Cooling/Heating)	Watts	0.01/0.01	0.01/0.01	

¹All capacities are net, with a combination ratio between 95 and 100%.

²Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.

³Water only (no antifreeze).

The combination ratio range for dedicated use (all Hydro Kit units) is 50% - 100%. The combination ratio range for mixed use (Hydro Kit mixed with indoor units) is 50% - 130%.

HYDRO KIT

High Temperature



ARNH423K3A4
ARNH763K3A4

Specifications		Unit	ARNH423K3A4	ARNH763K3A4
Cooling Mode Performance	Rated Capacity ¹	Btu/h		
	Entering Water Temp Range	°F	Not Applicable	Not Applicable
	Leaving Water Temp Range	°F	Heating Only	Heating Only
	Indoor Air Temp Setpoint Range	°F		
Heating Mode Performance	Rated Capacity ¹	Btu/h	47,000	86,000
	Entering Water Temp Range	°F	50 - 176	50 - 176
	Leaving Water Temp Range	°F	86 - 176	86 - 176
	Indoor Air Temp Setpoint Range	°F	60 - 86	60 - 86
	Hot Water Tank Setpoint Range	°F	86 - 176	86 - 176
Unit Data	Refrigerant Type		R410A	R410A
	Refrigerant Control		EEV	EEV
	Sound Pressure ²	dB(A)	44	46
	Net Unit Weight	lbs	189.6	198.4
	Shipping Weight	lbs	207.2	216.1
	Dimensions (W x H x D)		20-1/2 x 42-5/16 x 15-3/8	20-1/2 x 42-5/16 x 15-3/8
	Heat Rejected to Equipment Room	Btu/h	Negligible	Negligible
	Oil Type		FVC68D (PVE)	FVC68D (PVE)
Heat Exchanger	Material/Type		Brazed Plate HEX	Brazed Plate HEX
	Rated Water Flow	GPM	5.2	9.5
	Rated Pressure Drop ³	ft-wg	1.7	6.7
	Range of Flow	GPM	5.2 - 10.6	5.3 - 19
	Waterside Volume	US Gallons	0.58	0.58
	Waterside Design Pressure	psig	640	640
Piping	Liquid Line (OD)	inches	3/8 Braze	3/8 Braze
	Vapor Line (OD)	inches	5/8 Braze	3/4 Braze
	Condensate Line (ID)	inches	1-MPT	1-MPT
	Water Inlet/Outlet (ID)	inches	1-MPT	1-MPT
Electrical Data	MCA	A	18.2	26.2
	MOP	A	25	30
	Rated Amps	A	0.08	0.08
	Power Supply	V / Hz / Ø	208-230/60/1	208-230/60/1
	Power Input (Cooling/Heating)	Watts	NA / 2.3	NA / 5

¹All capacities are net, with a combination ratio between 95 and 100%.

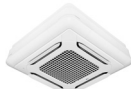
²Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.

³Water only (no antifreeze).

The combination ratio range for dedicated use (all Hydro Kit units) is 50% - 100%. The combination ratio range for mixed use (Hydro Kit mixed with indoor units) is 50% - 130%.

ACCESSORIES

Indoor Accessories



PTDCA



PT-QAGW0



PT-USC



PT-UAHW0
PT-TAHW0



PTVK410



PTVK420



PTVK430



PRARH1
PRARS1



Mid and High
Static Filter Box



ANEH***B1
ANEH***B2



PWFMD200

Unit Type	Category	Model	Description	Used with
Cassette Cover	Cassette Cover	PTDCA	Decorative Cover for 4-Way Ceiling Cassette	TA
		PT-TAHW0	1-Way Ceiling Cassette Grille Panel	TT
		PT-UAHW0	1-Way Ceiling Cassette Grille Panel	TU
		PT-USC	2-Way Ceiling Cassette Grille Panel	TS
		PT-QAGW0	4-Way Ceiling Cassette Grille Panel, True 2x2	TQ, TR
Cassette Grille Panel	Cassette Grille Panel	PTVK410	Ventilation Air Intake Spacer for 4-Way Ceiling Cassette (Requires PTVK420)	TA
		PTVK420	6" Ø Ventilation Air Connection Flange for 4-Way Ceiling Cassette	TA
Cassette Ventilation	Cassette Ventilation	PTVK430	3" Ø Ventilation Air Connection Flange for 4-Way Ceiling Cassette	TQ, TR, TA
		PTVSAO	Human Detection Sensor	TA
Sensors	Sensors	PTFSMAO	Floor Temperature Sensor	TA
		PTAFGW0S	Premium Panel (PTAFGW0 Panel + PTAHMPO Air Purification Kit)	TA
		PTAAGW0	Standard Panel	TA
Panel	Panel	PT-AEGW0	Auto Elevation Panel	TA
		PTAHMPO	Air Purification Kit (only available with Premium Panel PTAFGW0S)	TA
Filtration	Filtration	ZFBXM101A	High-Capacity Filter Box	M1
		ZFBXM201A	High-Capacity Filter Box	M2
		ZFBXM301A	High-Capacity Filter Box	M3
		ZFBXB801A	High-Capacity Filter Box	B8
Mid and High Static Ducted	HSD Filter Box	PRARH1	Auxiliary Heat Kit for Gen 4 Cassettes, Low Static, Mid Static, and High Static Units	B8, L1, L2, L3, M1, M2, M3, NJ, NK, TA, TQ, TR, TS, TT, TU
		PRARS1	Auxiliary Heat Kit for Wall-Mounted Units	SJ, SK
Auxiliary Heat Kit	Auxiliary Heat Kit	ANEH033B1	3 kW Electric Heat Kit	NJ, NK
		ANEH053B1	5 kW Electric Heat Kit	NJ, NK
		ANEH083B2	8 kW Electric Heat Kit	NJ, NK
		ANEH103B2	10 kW Electric Heat Kit	NJ (183, 243, 303, 363), NK
		ANEH153B2	15 kW Electric Heat Kit	NJ (363), NK
Vertical AHU	Vertical AHU	ANEH203B2	20 kW Electric Heat Kit	NJ (363), NK
		PWFMD200	Connector to provide Wi-Fi signal for Control operation	B8, CE, CF, L1, L2, L3, M1, M2, M3, NJ, NK, SF, SJ, SK, SV, TT, TU, TS, TA, TQ, TR, V1, V2
		PWYREW000	Optional 10 meter extension cable for PWFMD200	
Wi-Fi Module	Wi-Fi Module			

UNIT NOMENCLATURE



Family **ARN** Multi V™ Indoor Unit (Refrigerant R410A)

Type **U** DC Inverter Heat Pump
H Hydro Kit

Indoor Unit Nominal Capacity	05	5,000 Btu/h	30	30,000 Btu/h
	07	7,000 Btu/h	36	36,000 Btu/h
	09	9,000 Btu/h	42	42,000 Btu/h
	12	12,000 Btu/h	48	48,000 Btu/h
	15	15,000 Btu/h	54	54,000 Btu/h
	18	18,000 Btu/h	76	76,000 Btu/h
	24	24,000 Btu/h	96	96,000 Btu/h
	28	28,000 Btu/h		

Electrical Ratings **3** 208–230V/60Hz/1Ph

Model	B8	Ducted (High Static)	NK	Multi-Position Air Handler Unit
	CE	Floor Standing (Small Frame)	SF	Wall Mounted / Art Cool™ Gallery
	CF	Floor Standing (Large Frame)	SJ	Wall Mounted / Art Cool™ Mirror
	K2	Hydro Kit (Medium Temperature)	SK	Wall Mounted / Art Cool™ Mirror
	K3	Hydro Kit (High Temperature)	SV	Wall Mounted
	L1	Ducted (Low Static)	TT	1-Way Ceiling Cassette
	L2	Ducted (Low Static)	TU	1-Way Ceiling Cassette
	L3	Ducted (Low Static)	TS	2-Way Ceiling Cassette
	MA	Convertible Ducted (Mid Static)	TA	4-Way Ceiling Cassette
	M1	Ducted (Mid Static)	TQ	4-Way Ceiling Cassette
	M2	Ducted (Mid/High Static)	TR	4-Way Ceiling Cassette
	M3	Ducted (Mid/High Static)	V1	Ceiling Suspended
	NJ	Multi-Position Air Handler Unit	V2	Ceiling Suspended

Feature **A, C, L, R, D** Standard
U Uncased
G Low Static

Generation **2** Second
3 Third
4 Fourth
A Second, Revision A



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Distributed by

Document Number: PC_MultiV_Indoor_Units_05_24

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