



Indoor Units





About LG Electronics Canada

LG Electronics Canada, Inc., based in Toronto, Ontario, is the Canadian subsidiary of LG Electronics, Inc., a \$48 billion global force and technology leader in consumer electronics, home appliances and mobile communications. LG Electronics, named an ENERGY STAR® Partner of the Year for many years, sells a range of stylish and innovative home entertainment products, mobile phones, home appliances, commercial displays, air conditioning systems and solar energy solutions in Canada, all under LG's "Life's Good" marketing theme. For more news and information on LG Electronics, please visit www.lg.com/ca_en/business/air-solution.

LG Electronics Canada Air Conditioning Technologies

The LG Electronics Canada Air Solutions business is based in Toronto, Ontario. LG is a leading player in the global air conditioning market, manufacturing both commercial and residential air conditioners and providing total sustainability and building management solutions. From consumer and individual units to industrial and specialized air conditioning systems, LG provides a wide range of products for heating, ventilating and air conditioning. For more information, please visit www.lgvrf.ca.

ABOUT LG VRF

A Variable Refrigerant Flow (VRF) system 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 very 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 system has low life cycle cost compared to other systems on the market today.

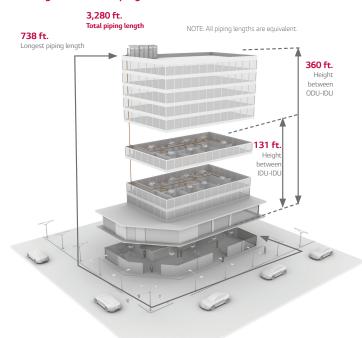
Why LG VRF?

The benefits are numerous: less piping for installers, energy efficiency for owners, and modern indoor units that complement every setting. Sound levels of LG VRF products are among the lowest in the industry, so units can be installed where noise is an issue. Inverter scroll compressors manufactured by LG optimize system energy efficiency.

With the addition of LGRED° heating capability, the Multi V™ 5 provides continuous 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.

MULTI V. 5

1. High Elevation Piping Distances

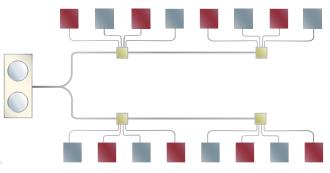


2. Optimized Heat Recovery Piping

- Flexible piping layout reduces materials and labor costs during installation
- · LG Heat Recovery Unit (HRU) is quiet, compact, lightweight, and does not need condensate drains¹

Powerful Heat Technology RELIABLE TO EXTREME DEGREES

· Configured for fully independent heating and cooling, ensuring occupant comfort



4. Quiet Operation · Quiet indoor unit operation 50 dB(A) down to 23 dB(A), comparable to the sound of rustling leaves 40 dB(A) 60 dB(A) 23 dB(A) 70 dB(A) LG Low-Static

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 Cooling: 14°F to 81°F DB



1. Down to 31 dB(A). See page 44 for HRU specification details.

Noise Level Comparison dB(A)

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 PCB Cooling

Improved cooling performance of the inverter PCB 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 & 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 systems allow the user to control the space to the exact 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 and duct mold accumulation are reduced, contributing to improved indoor air quality.

TRAINING









Training

The LG Canada Air Solutions division is headquartered in Toronto, Ontario, along with a full training academy. Since 2013, our academies have trained hundreds on the advantages of LG air conditioning systems. 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.

Service Tools

As part of our commitment to innovation, LG has developed innovative ways to enhance the service technician's experience during routine maintenance or service with these tools:

• **LG Monitoring View (LGMV)** Software and Mobile App both connect to LG Multi V Systems 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.



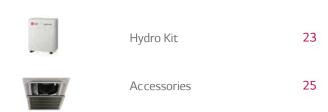
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INDOOR OPTIONS & ACCESSORIES



OUTDOOR UNITLineup

	System Type		Frames	2	3	4	5	6	8	10	12		
			0.1 1					208V & 460V					
	Multi V [™] 5	Heat Pump and Heat Recovery in the same chassis	Heat Pump and Heat Recovery in the same chassis	Recovery in the same						575V Only	•	•	•
Air	Powerful Heat Technology RELIABLE TO EXTREME DEGREES	Available in 575V, 208/230V and 460V											
Source													
	Multi V [™] S	Heat Pump or Heat Recovery Systems Single Phase 208/230V		•	•	•	•						
	Multi V TM S LGRED° Powerful Heat Technology RELIABLE TO EXTREME DEGREES	Heat Pump or Heat Recovery Systems Single Phase			•	•							
			D LG					•	•	•	•		
	Multi V [™] Water IV	Heat Pump or Heat Recovery Systems Available in 208/230V and 460V	0 0										
Water	<i>N</i> ater		D 1.6										
Source	Source		• La					•	•	•	•		
	Multi V [™] Water 5	Heat Pump and Heat Recovery in the same chassis Availabe in 575V											
			ا عاد ا عاد ا										

= Heat Pump= Heat RecoveryUnit : Tons

14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	48
•	•	•	•												
				•	•	•	•	•	•	•					
											•	•	•	•	
	•														
	460V Only		•		•		•								
	208V Only						460V Only				•		•		•
	•						208V Only						460V Only		460V Only
			•		•		•								
											•		•		•
										-					

INDOOR UNIT Lineup

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 ARTCOOL™ Gallery and mirror-finished, wall-mounted units that fit into any décor, the Multi V system offers unparalleled aesthetic design and indoor units to fit into multiple applications.

The fired dirty decoi, cite	,	'	3		' '	1		
	Chassis		5	7	9	12	15	18
ARTCOOL™	Gallery				•	•		
Standard	Wall Mount	-	•	•	•	•	•	•
	1-Way			•	•	•		•
Ceiling Cassette	2-Way							•
Centing Cassette	4-Way (2'x2')		•	•	•	•	•	•
	4-Way (3'x3')			•	•	•	•	•
	Low Static			•	•	•	•	•
Ceiling Concealed Duct	Mid Static			•	•	•	•	•
	High Static			•	•	•	•	•
Ceiling Suspended	Ceiling Suspended							•
Vertical AHU	Vertical / Horizontal	e.c.				•		•
Floor Standing	With Case			•	•	•	•	•
	Without Case			•	•	•	•	•
Hydro Kit	Hydro Kit	•1.6 ~····						

24	28	30	36	42	48	54	76	96
24	26	30	30	42	46	54	76	90
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ARNU***SFA4

Specification		Unit	093SF	123SF		
Chassis			SF	SF		
-	Cooling	Btu/h	9,600	12,300		
Capacity	Heating	Btu/h	10,900	13,600		
	Cooling	Watts	35	35		
Power Input	Heating	Watts	35	35		
Power Supply		V / Hz / ø	208-230/60/1	208-230/60/1		
Dimensions (WxHxD)	Body	inches	23-5/8 x 23-5/8 x 5-3/4	23-5/8 × 23-5/8 × 5-3/4		
Weight	Body	lbs	33	33		
Sound Pressure (H/M/L)		dBA	38/32/27	44/38/32		
Air Flow Rate, Standard Mode	Air Flow Rate, Standard Mode (H/M/L) CFM		286/22/148	328/272/212		

Digital Airflow Control

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

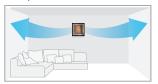
Normal



Jet Cool



Sleep Mode



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.









STANDARD WALL MOUNTED



ARNU****A4

Specification		Unit	053SJ	073SJ	093SJ	123SJ	153SJ	183SK	243SK
Chassis			SJ	SJ	SJ	SJ	SJ	SK	SK
<u> </u>	Cooling	Btu/h	5,500	7,500	9,600	12,300	15,400	19,100	24,200
Capacity	Heating	Btu/h	6,100	8,500	10,900	13,600	17,100	21,500	27,300
	Cooling	Watts	11	21	21	21	21	39.5	39.5
Power Input	Heating	Watts	11	12	13	15	23	32	39
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 (WxHxD)	Body	inches	32-3/16 x 12- 7/16 x 7-7/16	38-1/8 x 13- 15/16 x 8-1/4	38-1/8 x 13- 15/16 x 8-1/4				
W. I.	Net	lbs	18.7	18.7	18.7	18.7	18.7	28.7	28.7
Weight	Shipping	lbs	24.9	24.9	24.9	24.9	24.9	35.3	35.3
Sound Pressure (H/M/L)		dBA	30/29/28	32/30/28	34/32/28	37/34/30	40/36/32	40/35/31	45/40/35
Air Flow Rate, Standard Mode (H/M/L	.)	CFM	230/212/194	247/230/194	290/247/194	336/290/230	371/318/247	441/424/399	494/449/406

Description	Model
Auxiliary Heat Kit	PRARS1

 $^{1. \,} Rated \, capacity \, is \, certified \, under \, AHRI \, Standard \, 1230. \, Ratings \, are \, subject to \, change \, without \, notice. \, Current \, certified \, ratings \, are \, available \, at \, www.ahridirectory.org. \, and \, control \, contr$

The power input is rated at high speed.
 Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745.

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STANDARD WALL MOUNTED



ARNU****A4

Specification		Unit	303SV	363SV
Chassis			SV	SV
	Cooling	Btu/h	30,000	35,500
Capacity	Heating	Btu/h	32,000	37,000
	Cooling	Watts	67	104
Power Input	Heating	Watts	67	104
Power Supply		V/Hz/ø	208-230/60/1	208-230/60/1
Dimensions (WxHxD)	Body	inches	46-27/32 x 10-7/16 x 13-5/8	46-27/32 x 10-7/16 x 13-5/8
W · I ·	Net	lbs	37	37
Neight	Shipping	lbs	48	48
Sound Pressure (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

Description	Model
Auxiliary Heat Kit	PRARS1

- Note:
 1. Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.
- 2. The power input is rated at high speed.
 3. Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745.
 4. WiFi module is built-in to the wall mounted units.
- $5. \, {\hbox{Due to our commitment to continued innovation, some specifications may be changed without notification.}}$

1-WAY CASSETTE & 2-WAY CASSETTE



ARNU ***TUD4 ARNU ***TTD4

ARNU*** TSA4

Specification		Unit	073TU	093TU	123TU	183TT	243TT	183TS	243TS
Chassis			TU	TU	TU	TT	TT	TS	TS
C	Cooling	Btu/h	7,500	9,600	12,300	19,100	24,200	19,100	24,200
Capacity	Heating	Btu/h	8,500	10,900	13,600	21,500	24,200	21,500	27,300
	Cooling	Watts	40	40	40	70	70	19	31
Power Input	Heating	Watts	40	40	40	70	70	19	31
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
	Body	inches	33-7/8 x 17-3/4 x 6-11/16	33-7/8 x 17-3/4 x 6-11/16	33-7/8 x 17-3/4 x 6-11/16	46-1/2 x 17-3/4 x 6-7/8	46-1/2 x 17-3/4 x 6-7/8	32-11/16 x 23- 5/8 x 8-7/8	32-11/16 x 23- 5/8 x 8-7/8
Dimensions (WxHxD)	Grille	inches	43-5/16 x 19-3/4 x 1-3/8	43-5/16 x 19-3/4 x 1-3/8	43-5/16 x 19-3/4 x 1-3/8	55-15/16 x 19- 3/4 x 1-3/8	55-15/16 x 19- 3/4 x 1-3/8	43-5/16 x 27- 3/16 x 1-1/8	43-5/16 x 27- 3/16 x 1-1/8
	Net	lbs	33	33	33	42	42	39.9	39.9
Unit Weight	Shipping	lbs	40	40	40	13	13	10.3	10.3
C.II. M.: L.	Net	lbs	10	10	10	13	13	10.3	10.3
Grille Weight	Shipping	lbs	10	10	10	20	20	14.3	14.3
Sound Pressure (H/M/L)		dBA	32/29/25	35/34/32	38/35/32	40/37/35	43/40/36	40/35/31	48/45/40
Air Flow Rate, Standard Mode (H/M	/L)	CFM	290/258/226	325/304/290	353/325/290	470/427/385	515/470/406	441/424/399	512/438/364
Grille			PT-UUC1	PT-UUC1	PT-UUC1	PT-UTC	PT-UTC	PT-USC	PT-USC

Description	Model
Grille for 1-Way Cassette, TU Chassis	PT-UUC1
Grille for 1-Way Cassette, TT Chassis	PT-UTC
Grille for 2-Way Cassette, TS Chassis	PT-USC
Auxiliary Heat Kit	PRARH1
Wi-Fi Module	PWFMDD200

- 1. Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.
- 2. The power input is rated at high speed.
 3. Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745.
 4. WiFi module is built-in to the wall mounted units.
- 5. Due to our commitment to continued innovation, some specifications may be changed without notification.

4-WAY CASSETTE (2×2)



Specification		Unit	053TR	073TR	093TR	123TR	153TQ	183TQ
Chassis			TR	TR	TR	TR	TQ	TQ
	Cooling	Btu/h	5,500	7,500	9,600	12,300	15,400	19,100
Capacity	Heating	Btu/h	6,100	8,500	10,900	13,600	17,100	21,500
	Cooling	Watts	30	30	30	30	30	30
Power Input	Heating	Watts	30	30	30	30	30	30
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
	Body	inches	22-7/16 x 22-7/16 x 8-7/16					
Dimensions (WxHxD)	Grille	inches	27-9/16 x 27-9/16 x 7/8					
11.5347.1.	Net	lbs	29	29	32	32	35	35
Unit Weight	Shipping	lbs	34	34	40	38	40	40
C. II. W I.	Net	lbs	7	7	7	7	7	7
Grille Weight	Shipping	lbs	11	11	11	11	11	11
Sound Pressure (H/M/L)		dBA	29/27/26	29/27/26	38/35/32	32/30/27	36/34/32	37/35/34
Air Flow Rate, Standard Mode (H/M/L)		CFM	265/247/212	265/247/212	353/325/290	307/283/247	388/353/328	396/388/353
Grille			PT-QCHW0	PT-QCHW0	PT-QCHW0	PT-QCHW0	PT-QCHW0	PT-QCHW0

Description	Model
Ventilation Kit	PTVK430
Grille (True 2 x2)	PT-QCHW0
Cassette Cover	PTDCQ
Auxiliary Heat Kit	PRARH1
Wi-Fi Module	PWFMDD200

Note:

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

2. The power input is rated at high speed.

3. Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745.

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

4-WAY CASSETTE (3×3)



Specification		Unit	073TNA	093TNA	123TNA	153TNA	183TNA	243TNA
Chassis			TN	TN	TN	TN	TN	TN
6 '	Cooling	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
Capacity	Heating	Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
Dower leave	Cooling	Watts	144	144	144	144	144	144
Power Input	Heating	Watts	144	144	144	144	144	144
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
	Body	inches	33-1/16 x 33-1/16 x 9-11/16	33-1/16 x 33-1/16x 9-11/16				
Dimensions (WxHxD)	Grille	inches	37-3/8 x 37-3/8 x 1-7/16	37-3/8 x 37-3/8 x 1-7/16	37-3/8 x 37-3/8 x 1-7/16			
11.5.14/.1.1.	Net	lbs	53.6	53.6	53.6	53.6	53.6	53.6
Unit Weight	Shipping	lbs	66.1	66.1	66.1	66.1	66.1	66.1
Cuille Marieles	Net	lbs	13	13	13	13	13	13
Grille Weight	Shipping	lbs	20	20	20	20	20	20
Sound Pressure (H/M/L)		dBA	29/26/24	29/26/24	31/29/26	32/29/26	34/30/26	40/38/35
Air Flow Rate, Standard Mode (H/M)	/L)	CFM	459/424/388	477/424/388	494/459/424	530/459/424	565/530/424	742/671/600
Grille			PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1

Specification		Unit	243TMA	283TMA	363TMA	423TMC	483TMC
Chassis			TM	TM	TM	TM	TM
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
D 1 .	Cooling	Watts	144	144	144	144	144
Power Input	Heating	Watts	144	144	144	144	144
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
	Body	inches	33-1/16 x 33-1/16 x 11-5/16				
Dimensions (WxHxD)	Grille	inches	37-3/8 x 37-3/8 x 1-7/16	37-3/8 x 37-3/8 x 1-7/16	37-3/8 × 37-3/8 × 1-7/16	37-3/8 x 37-3/8 x 1-7/16	37-3/8 x 37-3/8 x 1-7/16
	Net	lbs	58.4	58.4	58.4	59	59
Unit Weight	Shipping	lbs	70.5	70.5	70.5	69	69
Cuille Mainle	Net	lbs	13	13	13	13	13
Grille Weight	Shipping	lbs	20	20	20	20	20
Sound Pressure (H/M/L)		dBA	41/38/35	41/39/35	44/41/37	45/41/38	46/42/40
Air Flow Rate, Standard Mode (H/	M/L)	CFM	777/706/635	812/741/635	918/812/706	1,059/918/812	1,130/953/883
Grille			PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1

Description	Model
3' x 3' 4 - Way Cassette Grille	PT-UMC1
Auto Elevation Grille	PTEGM0
Ventilation Kit	PTVK410 and PTVK420 or PTVK430
Cassette Cover	PTDCM
Auxiliary Heat Kit	PRARH1
Wi-Fi Module	PWFMDD200

- Note:

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 2. The power input is rated at high speed.

 3. Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745.

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

VERTICAL AHU



ARNU****A4

Specification		Unit	123NJ	183NJ	243NJ	303NJ	363NJ	423NK	483NK	543NK
Chassis			NJ	NJ	NJ	NJ	NJ	NK	NK	NK
	Cooling	Btu/h	12,000	18,000	24,000	30,000	36,000	42,000	48,000	54,000
Capacity	Heating	Btu/h	13,500	20,000	27,000	34,000	40,000	46,000	54,000	60,000
Power Input		Watts	228	228	228	228	228	366	366	366
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 (WxHxD)	Body	inches	18 x 21-1/4 x 48-11/16	25 x 21-1/4 x 55-3/16	25 x 21-1/4 x 55-3/16	25 x 21-1/4 x 55-3/16				
	Net	lbs	117	117	117	117	121	165	165	165
Weight	Shipping	lbs	140	140	140	140	144	181	181	181
Sound Pressure (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 Mo	de (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, St	andard Mode	in wg	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Air Flow Rate, High Mode (Air Flow Rate, High Mode (H/M/L)		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, H	gh 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

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:

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

2. The power input is rated at high speed.

3. Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745.

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

LOW STATIC DUCTED (CONVERTIBLE)



ARNU****G4

Specification		Unit	073L1	093L1	123L2	153L2	183L2	243L3
Chassis			L1	L1	L2	L2	L2	L3
	Cooling	Btu/h	7,500	9,600	12,300	15,400	19,100	24,000
Capacity	Heating	Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
Power Input		Watts	40	40	85	85	85	115
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 (WxHxD)	Body	inches	30-1/2x27- 9/16x7-1/2	30-1/2x27- 9/16x7-1/2	38-3/8x27- 9/16x7-1/2	38-3/8x27- 9/16x7-1/2	38-3/8x27- 9/16x7-1/2	46-1/4x27- 9/16x7-1/2
	Net	lbs	38.6	38.6	50.7	50.7	50.7	59.5
Weight	Shipping	lbs	47.4	47.4	60.6	60.6	60.6	68.3
Sound Pressure (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, Standard Mode (H/N	1/L)	CFM	270/230/200	320/250/200	360/310/250	450/360/310	530/450/360	710/570/430
External Static Pressure, Standard M	Mode	in wg	0	0	0	0	0	0
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	2	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

Description	Model
Auxiliary Heat Kit	PRARH1
Wi-Fi Module	PWFMDD200

Note: .

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

2. The power input is rated at high speed.

3. Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745.

 $^{4. \ \, \}text{Due to our commitment to continued innovation, some specifications may be changed without notification.}$

MID STATIC DUCTED



ARNU***M1A4 ARNU***M2A4 ARNU***M3A4



ARNU***B8A4

0 10 1			070111	000144	100111	45014	100111	0.404.44
Specification		Unit	073M1	093M1	123M1	153M1	183M1	243M1
Chassis			M1	M1	M1	M1	M1	M1
Conneitu	Cooling	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
Capacity	Heating	Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
Power Input		Watts	190	190	190	190	190	190
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 (WxHxD)	Body	inches	35-1/2 x 10-19/32 x 27-7/32					
Majaht	Net	lbs	56.0	56.0	56.0	56.0	56.0	56.0
Weight	Shipping	lbs	67.0	67.0	67.0	67.0	67.0	67.0
Sound Power (H/M/L)		dBA	44/41/39	44/42/39	44/43/40	47/43/43	49/47/43	51/49/47
Air Flow Rate, Standard Mode (H/M/L)		CFM	372/315/257	385/329/272	399/344/286	593/413/344	606/493/413	641/592/493
External Static Pressure, Standard Mode	:	in wg	0.10	0.10	0.10	0.10	0.10	0.10
Air Flow Rate, High Mode (H/M/L)		CFM	361/279/211	376/296/229	392/328/262	570/392/328	638/556/392	703/638/556
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

Specification		Unit	283M2	363M2	423M2	483M3	543M3
Chassis			M2	M2	M2	M3	M3
<u> </u>	Cooling	Btu/h	28,000	36,200	42,000	48,100	54,000
Capacity	Heating	Btu/h	31,500	40,600	47,000	54,200	61,400
Power Input		Watts	450	450	450	650	650
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 (WxHxD)	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 49-1/4 x 14-3/16 x 27-1/4 27-19/32		49-1/4 x 14-3/16 x 27-19/32
\0/-:	Net	lbs	86.0	86	86	96	96
Weight	Shipping	lbs	99.0	99	99	110	110
Sound Power (H/M/L)		dBA	64/61/57	65 / 62 / 60	66 / 65 / 63	67 / 64 / 62	69 / 68 / 67
Air Flow Rate, Standard Mode (H/M/L)		CFM	892 / 770 / 645	1,021 / 844 / 695	1,262 / 1,087 / 917	1,457 / 1,189 / 952	1,720 / 1,558 / 1,424
External Static Pressure, Standard Mod	e	in wg	0.2	0.2	0.2	0.19	0.19
Air Flow Rate, High Mode (H/M/L)		CFM	845 / 676 / 528	1,031 / 845 / 676	1,260 / 1,076 / 888	1,482 / 1,192 / 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

High STATIC DUCTED

Specification		Unit	073M2	093M2	123M2	153M2	183M2	243M2
Chassis			M2	M2	M2	M2	M2	M2
Consider	Cooling	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
Capacity	Heating	Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
Power Input		Watts	430	430	430	430	430	430
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 (WxHxD)	Body	inches	49-3/16 x 11/16 x 27-1/4					
Maiaht	Net	lbs	82.9	82.9	82.9	82.9	82.9	82.9
Weight	Shipping	lbs	95.5	95.5	95.5	95.5	95.5	95.5
Sound Power (H/M/L)		dBA	53 / 52 / 52	53 / 52 / 52	53 / 53 / 52	53 / 53 / 52	53 / 53 / 52	54 / 53 / 53
Air Flow Rate, Standard Mode (H/M/L)		CFM	477 / 399 / 327	477 / 399 / 327	520 / 435 / 363	520 / 435 / 363	520 / 435 / 363	640 / 520 / 435
External Static Pressure, Standard Mode	9	in wg	0.2	0.2	0.2	0.2	0.2	0.2
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

Specification		Unit	283M3	363B8	423B8	483B8	763B8	963B8
Chassis			M3	В8	B8	B8	B8	B8
Consider	Cooling	Btu/h	28,000	36,200	42,000	48,100	76,400	95,900
Capacity	Heating	Btu/h	31,500	40,600	43,800	51,200	86,000	107,500
Power Input		Watts	650	800	800	800	800	800
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 (WxHxD)	Body	inches	49-3/16 x 14-3/16 x 27-21/32	61-1/2 x 18-1/8 x 28-5/8				
\A/-:	Net	lbs	96.1	192	192	192	192	192
Weight	Shipping	lbs	110	222	222	222	222	222
Sound Power (H/M/L)		dBA	64 / 62 / 61	46/45/42	47/46/43	47/46/44	50/48/48	52/50/50
Air Flow Rate, Standard Mode (H/M/L)		CFM	1,235 / 1,060 / 915	_	_	_	_	_
External Static Pressure, Standard Mode		in wg	0.2	_	_	_	_	_
Air Flow Rate, High Mode (H/M/L)		CFM	1250 / 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	0.24	0.7	0.7	0.7	0.87	0.87
ESP Range (Min/Max)		in wg	0.16 - 0.79	0.23 - 0.98	0.23 - 0.98	0.23 - 0.98	0.23 - 0.98	0.23 - 0.98

Description	Model
Auxiliary Heat Kit	PRARH1
High-Capacity Filter Box for M1 HSD Chassis	ZFBXM101A
High-Capacity Filter Box for M2 HSD Chassis	ZFBXM201A
High-Capacity Filter Box for M3 HSD Chassis	ZFBXM301A
High-Capacity Filter Box for B8 HSD Chassis	ZFBXB801A
Wi-Fi Module	PWFMDD200

Note:
1. Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.
2. The power input is rated at high speed.
3. Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745.

 $^{4. \ \}mathsf{Due} \ \mathsf{to} \ \mathsf{our} \ \mathsf{commitment} \ \mathsf{to} \ \mathsf{continued} \ \mathsf{innovation}, \mathsf{some} \ \mathsf{specifications} \ \mathsf{may} \ \mathsf{be} \ \mathsf{changed} \ \mathsf{without} \ \mathsf{notification}.$

FLOOR STANDING UNIT







-U: Floor-Standing without case

ARNU****4

Specification		Unit	073CEA	093CEA	123CEA	153CEA	183CFA	243CFA
Chassis			CE	CE	CE	CE	CF	CF
	Cooling	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
Capacity	Heating	Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
Power Input		Watts	85	85	85	85	115	115
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 (WxHxD)	Body	inches	42 x 25 x 8	53 x 25 x 8	53 x 25 x 8			
	Net	lbs	59.5	59.5	59.5	59.5	75	75
Weight	Shipping	lbs	68.3	68.3	68.3	68.3	86	86
Sound Pressure (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

Specification		Unit	073CEU	093CEU	123CEU	153CEU	183CFU	243CFU
Chassis			CE	CE	CE	CE	CF	CF
Canacity	Cooling	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
Capacity	Heating	Btu/h	8,500	10,900	13,600	17,100	21,500	27,300
Power Input		Watts	85	85	85	85	115	115
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 (WxHxD)	Body	inches	38-1/2 x 25-3/16 x 8	49-7/16x25- 3/16x7-1/2	49-7/16x25- 3/16x7-1/2			
Weight	Net	lbs	46.3	46.3	46.3	46.3	58.4	58.4
vveignt	Shipping	lbs	56.2	56.2	56.2	56.2	68.3	68.3
Sound Pressure (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

Description	Model
Auxiliary Heat Kit	PRARH1
Wi-Fi Module	PWFMDD200

- Note:

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

 2. The power input is rated at high speed.

 3. Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745.

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







ARN H**** A4

ARNH763K3B2

	Туре		Cooling / Medium-T	emperature Heating	High Temperature Heating
	Specification	Unit	423K2	963K2	763K3B2
	Rated Capacity ¹	Btu/h	42,100	95,900	-
Cooling Mode	Entering Water Temp Range	°F	50-95	50-95	-
Performance	Leaving Water Temp Range	°F	41-77	41-77	-
	Indoor Air Temp Setpoint Range	°F	64-86	64-86	-
	Rated Capacity ¹	Btu/h	47,200	107,500	86,000
	Entering Water Temp Range	°F	59-113	59-113	53-167
leating Mode erformance	Leaving Water Temp Range	°F	68-122	68-122	86-176
cromance	Indoor Air Temp Setpoint Range	°F	64-86	64-86	60-86
	Hot Water Tank Setpoint Range	°F	86-122	86-122	86-176
	Refrigerant Type (Primary/Secondary)		R410A/-	R410A/-	R410A/R134A
	Refrigerant Control		EEV	EEV	EEV
	Factory Charge ²	lbs	-	-	6.51
	Sound Pressure ³	dB(A)	26	26	43
Init Data	Net Unit Weight	lbs	67	77	207
	Shipping Weight	lbs	79	89	219
	Dimensions		20-1/2 x 13 x 24-13/16	20-1/2 x 13 x 24-13/16	20-5/8 x 13-1/8 x 43-1/2
	Heat Rejected to Equipment Room	Btu/h	Negligible	Negligible	512
	Oil Type		-	-	PVE (FVC68D)
	Material/Type		316 Stainless / Brazed Plate	316 Stainless / Brazed Plate	316 Stainless / Brazed Plate
	Rated Water Flow	GPM	10.4	24.3	9.5
	Rated Pressure Drop ⁴	ft-wg	13.7	23.1	6.7
leat Exchanger	Range of Flow	GPM	5.3-10.4	8-24.3	5-19
	Waterside Volume	US Gallons	0.31	0.58	0.58
	Waterside Design Pressure	psig	640	640	640
	Туре		-	-	Twin Rotary
Compressor	Operating Range	Hz	-	-	20-95
	Liquid Line (OD)	inches	3/8 Braze	3/8 Braze	3/8 Braze
Piping	Vapor Line (OD)	inches	5/8 Braze	7/8 Braze	3/4 Braze
	Condensate Line (ID)	inches	1-MPT	1-MPT	Bottom Panel Hole Only
	Water Inlet/Outlet (ID)	inches	1-MPT	1-MPT	1-MPT
Electrical Data	MCA	Α	0.1	0.1	28.8
	MOP	A	15	15	50
	Rated Amps	Α	0.08	0.08	23.0
	Power Supply	V/Hz/ø	208-230/60/1	208-230/60/1	208-230/60/1
	Power Input (Cooling/Heating)	Watts	0.01/0.01	0.01/0.01	-/5

The combination ratio range for mix ed-use (Hydro Kit units mix ed with indoor units) is 50% -100%. The combination ratio range for dedic ated use (all Hydro Kit units) is 50 -130%. Due to our commitment to continued inno vation, some specific ations may be changed without no tification.

^{1.} All c apacities ar e net, with a c ombination r atio bet ween 95 and 100%.
2. Internal sec ond-stage r efrigerant circuit.
3. Sound pr essure levels are tested in an anechoic chamber under ISO Standar d 3745.

^{4.} Water only (no antifr eeze).

HYDRO KIT

How Hydro Kit Works

The Hydro Kit system uses a refrigerant-to-water heat exchanger to produce chilled or heated water. The Hydro Kit can be used to preheat domestic water stored in an indirect storage tank, snow melt, in-floor or other radiant heating systems. Alternatively, the K2 Hydro Kit can supply chilled or heated water for use with two-pipe fan coils. The LG Hydro Kit may be used with LG Multi 5 V and Multi V Water IV & 5 systems.

Features & Benefits

- Provides hot water and floor heating with less energy consumption than a boiler
- No exhaust or exhaust piping required
- Compact and easy to installLG Central controller and BMS interface compatible
- Flexible design options



Applications

- Universities
- Offices
- Schools
- Hospitals
- Hotels
- Retail stores
- Restaurants
- Multi-use facilities



ACCESSORIES

Indoor Accessories















PT-AEGW0

PTDCM PTDCQ

PT-AAGW0

PT-QCHW0

PT-USC

PT-UUC1 PT-UTC

PTVK410

















PTVK420

PTVK430

PTPK*0

AirCleanerMedia

PRARH1 PRARS1

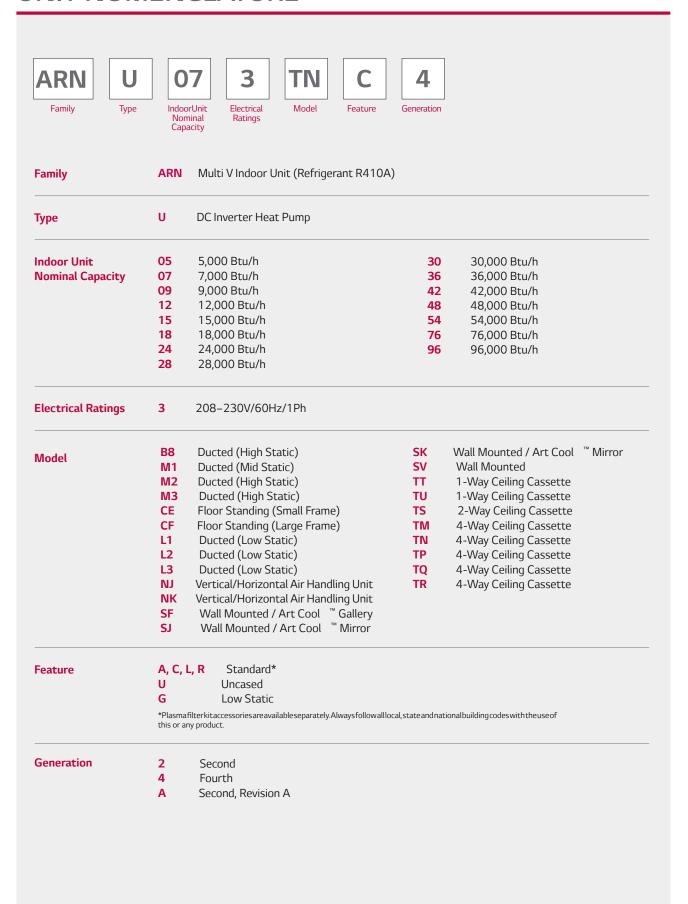
HSD Filter Box

ANEH***B1 ANEH***B2

PWFMDD200

Unit Type	Category	Model	Description	Used with
	Cassette Auto Elevation Kit	PT-AEGW0	Auto Elevation Grille Kit	TP, TN, TM
	Constitut Constitution	PTDCM	Decorative Cover for 4-Way Ceiling Cassette	TP, TN, TM
	Cassette Cover	PTDCQ	Decorative Cover for 4-Way Ceiling Cassette	TQ, TR
		PT-UTC	1-Way Ceiling Cassette Grille	TT
		PT-UUC1	1-Way Ceiling Cassette Grille	TU
	Cassette Grille	PT-USC	2-Way Ceiling Cassette Grille	TS
		PT-QCHW0	4-Way Ceiling Cassette Grille, True 2x2	TQ, TR
eiling Cassettes		PT-UMC1	4-Way Ceiling Cassette Dual Grille	TP, TN, TM
		PTVK410	Ventilation Air Intake Spacer for 4-Way Ceiling Cassette (Requires PTVK420)	TP, TN, TM
	Cassette Ventilation	PTVK420	6" Ø Ventilation Air Connection Flange for 4-Way Ceiling Cassette	TP, TN, TM
		PTVK430	3" Ø Ventilation Air Connection Flange for 4-Way Ceiling Cassette	TQ, TR, TP, TN, TM
		PTPKU0	1-Way Ceiling Cassette Plasma Kit	TU
		PTPKT0	1-Way Ceiling Cassette Plasma Kit	TT
	Plasma Kit	PTPKM0		
		PTPKQ0	4-Way Ceiling Cassette Plasma Kit (2x2)	TQ, TR
	HSD Filter Box	ZFBXM101A	ZFBXM101A High-Capacity Filter Box	
		ZFBXM201A	High-Capacity Filter Box	M2
		ZFBXM301A	High-Capacity Filter Box	M3
		ZFBXB801A	High-Capacity Filter Box	B8
igh Static		ZFBXD201A	DYNAMIC V8-2VL Low-Profile Air Cleaner	M1, M2, M3, B8
ucted	Air Cleaner	ZFBXD402A	DYNAMIC V8-4VL Low-Profile Air Cleaner	M1, M2, M3, B8
		ZFLT1301A	Air Cleaner Media 4-Pack	M1, M2, M3, B8
	Air Cleaner Media	ZFLT1302A	Air Cleaner Media 24-Pack	M1, M2, M3, B8
		ZPLMV201A	2VL Return Air Plenum	M1, M2, M3, B8
	Return Air Plenum	ZPLMV402A	4VL Return Air Plenum	M1, M2, M3, B8
		ANEH053B1	5 kW Electric Heat Kit	NJ, NK
		ANEH103B2	10 kW Electric Heat Kit	NJ (243, 303, 363), NK
ertical AHU	Heat Kit	ANEH153B2	15 kW Electric Heat Kit	NK
		ANEH203B2	20 kW Electric Heat Kit	NK
Auxiliary Heat Kit		PRARH1	Auxiliary Heat Kit for Gen 4 Cassettes, Ducted, and Convertible units	M1, M2, M3, B8, L1, L2, L3, TL, TM, TN, TP, TQ, TR, TT, TU
		PRARS1	Auxiliary Heat Kit for Wall-Mounted Units	SJ, SK
Ni-Fi Module		PWFMDD200	Connector to provide Wi-Fi signal for Control operation	
		PWYREW000	Optional 10 meter extension cable for PWFMDD200	

UNIT NOMENCLATURE















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