

A photograph of the Chicago skyline at dusk, featuring the Willis Tower and other skyscrapers with their lights on. A large red circle is overlaid on the right side of the image, containing white text.

Multi V™ IV
expanded
capacity
outdoor units

New for 2015

With LG, it's all possible.™



LG
Life's Good

Specifications



208-230V Heat Pump

System Model Number			ARUN***BTE4	384	408	432	456	480	504
Frames				96	121	145	169	169	169
				145	145	145	145	169	169
				145	145	145	145	145	169
Ton				32	34	36	38	40	42
Nominal Capacity	Cooling	Btu/h		384,000	408,000	432,000	456,000	480,000	504,000
	Heating	Btu/h		432,000	459,000	486,000	513,000	540,000	567,000
Power Supply		V/Hz/ø		208-230 / 60 / 3	208-230 / 60 / 3	208-230 / 60 / 3	208-230 / 60 / 3	208-230 / 60 / 3	208-230 / 60 / 3
Dimensions (W×H×D)		inch		(48 13/16 × 66 1/8 × 29 15/16) × 3	(48 13/16 × 66 1/8 × 29 15/16) × 3	(48 13/16 × 66 1/8 × 29 15/16) × 3	(48 13/16 × 66 1/8 × 29 15/16) × 3	(48 13/16 × 66 1/8 × 29 15/16) × 3	(48 13/16 × 66 1/8 × 29 15/16) × 3
Net Weight		lbs		540 + 628 + 628	540 + 628 + 628	628 + 628 + 628	672 + 672 + 672	672 + 672 + 672	672 + 672 + 672
Sound Pressure	dB(A)			64.1	64.1	64.3	64.3	64.3	64.3
Fan	Type			Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	cfm		30,250	30,250	30,600	30,600	30,600	30,600
Compressor	Type			HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter
	Number of Compressors			5	5	6	6	6	6
Refrigerant	Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A
	Charge	lbs		23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6
	Control			EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit
Maximum Number of Indoor Units				61	64	64	64	64	64



460V Heat Pump

System Model Number			ARUN***DTE4	384	408	432	456	480	504
Frames				96	121	145	169	169	169
				145	145	145	145	169	169
				145	145	145	145	145	169
Ton				32	34	36	38	40	42
Nominal Capacity	Cooling	Btu/h		384,000	408,000	432,000	456,000	480,000	504,000
	Heating	Btu/h		432,000	459,000	486,000	513,000	540,000	567,000
Power Supply		V/Hz/ø		460 / 60 / 3	460 / 60 / 3	460 / 60 / 3	460 / 60 / 3	460 / 60 / 3	460 / 60 / 3
Dimensions (W×H×D)		inch		(48 13/16 × 66 1/8 × 29 15/16) × 3	(48 13/16 × 66 1/8 × 29 15/16) × 3	(48 13/16 × 66 1/8 × 29 15/16) × 3	(48 13/16 × 66 1/8 × 29 15/16) × 3	(48 13/16 × 66 1/8 × 29 15/16) × 3	(48 13/16 × 66 1/8 × 29 15/16) × 3
Net Weight		lbs		540 + 628 + 628	540 + 628 + 628	628 + 628 + 628	628 + 628 + 628	628 + 628 + 628	628 + 628 + 628
Sound Pressure	dB(A)			64.1	64.1	64.3	64.3	64.3	64.3
Fan	Type			Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	cfm		30,250	30,250	30,600	30,600	30,600	30,600
Compressor	Type			HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter
	Number of Compressors			5	5	6	6	6	6
Refrigerant	Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A
	Charge	lbs		23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6
	Control			EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit
Maximum Number of Indoor Units				61	64	64	64	64	64

Notes:

1. Nominal Capacity is outside the scope of the AHRI Standard 1230 and based on the following conditions:
Indoor: 80°F DB/67°F WB Indoor: 70°F DB
Outdoor 95°F DB Outdoor: 47°F DB/43°F WB
2. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745 for the combination of outdoor units.
3. Due to our policy of innovation, some specifications may be changed without notification.



208-230V Heat Recovery

System Model Number			ARUB***BTE4	384	408	432	456	480	504
Frames				96	121	145	169	169	169
				145	145	145	145	169	169
				145	145	145	145	145	169
Ton				32	34	36	38	40	42
Nominal Capacity	Cooling	Btu/h		384,000	408,000	432,000	456,000	480,000	504,000
	Heating	Btu/h		432,000	459,000	486,000	513,000	540,000	567,000
Power Supply		V/Hz/ø		208-230 / 60 / 3	208-230 / 60 / 3	208-230 / 60 / 3	208-230 / 60 / 3	208-230 / 60 / 3	208-230 / 60 / 3
Dimensions (WxHxD)		inch		(48 13/16 x 66 1/8 x 29 15/16) x 3	(48 13/16 x 66 1/8 x 29 15/16) x 3	(48 13/16 x 66 1/8 x 29 15/16) x 3	(48 13/16 x 66 1/8 x 29 15/16) x 3	(48 13/16 x 66 1/8 x 29 15/16) x 3	(48 13/16 x 66 1/8 x 29 15/16) x 3
Net Weight		lbs		540 + 628 + 628	540 + 628 + 628	628 + 628 + 628	672 + 672 + 672	672 + 672 + 672	672 + 672 + 672
Sound Pressure	dB(A)			64.1	64.1	64.3	64.3	64.3	64.3
Fan	Type			Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	cfm		30,250	30,250	30,600	30,600	30,600	30,600
Compressor	Type			HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter
	Number of Compressors			5	5	6	6	6	6
Refrigerant	Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A
	Charge	lbs		23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6
	Control			EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit
Maximum Number of Indoor Units				61	64	64	64	64	64



460V Heat Recovery

System Model Number			ARUB***DTE4	384	408	432	456	480	504
Frames				96	121	145	169	169	169
				145	145	145	145	169	169
				145	145	145	145	145	169
Ton				32	34	36	38	40	42
Nominal Capacity	Cooling	Btu/h		384,000	408,000	432,000	456,000	480,000	504,000
	Heating	Btu/h		432,000	459,000	486,000	513,000	540,000	567,000
Power Supply		V/Hz/ø		460 / 60 / 3	460 / 60 / 3	460 / 60 / 3	460 / 60 / 3	460 / 60 / 3	460 / 60 / 3
Dimensions (WxHxD)		inch		(48 13/16 x 66 1/8 x 29 15/16) x 3	(48 13/16 x 66 1/8 x 29 15/16) x 3	(48 13/16 x 66 1/8 x 29 15/16) x 3	(48 13/16 x 66 1/8 x 29 15/16) x 3	(48 13/16 x 66 1/8 x 29 15/16) x 3	(48 13/16 x 66 1/8 x 29 15/16) x 3
Net Weight		lbs		540 + 628 + 628	540 + 628 + 628	628 + 628 + 628	628 + 628 + 628	628 + 628 + 628	628 + 628 + 628
Sound Pressure	dB(A)			64.1	64.1	64.3	64.3	64.3	64.3
Fan	Type			Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan
	Air Flow Rate (High)	cfm		30,250	30,250	30,600	30,600	30,600	30,600
Compressor	Type			HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter	HSS DC Scroll Inverter
	Number of Compressors			5	5	6	6	6	6
Refrigerant	Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A
	Charge	lbs		23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6	23.6 + 23.6 + 23.6
	Control			EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit	EEV/Indoor Unit
Maximum Number of Indoor Units				61	64	64	64	64	64

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About LG VRF Technology

Variable Refrigerant Flow technology is designed to maximize operational efficiency and provide sustainable energy benefits. LG VRF systems are engineered to save on the cost of ducts, distribution fans, water pumps and water piping. VRF systems have a low life-cycle cost compared to other technology 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.

Features and Benefits

- **Advanced features for superior efficiency**

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, versus systems that use a timed oil-recovery cycle.

Intelligent defrost

LG Multi V IV allows for defrost-cycle customization to match your climate and is able to provide heating during a defrost cycle.

- **Compact & Lightweight**

More indoor zones, less outdoor space. When space or access is at a premium, Multi V IV offers significant cost advantages on large projects.

- **Higher elevation piping technology**

More floors with fewer systems. LG Multi V IV eliminates the need to invest in extra systems and saves on installation. Enjoy no heating capacity losses due to long pipe length.

- **Expansive operating range in cooling and heating without adding accessories**

LG Multi V IV uses vapor injection technology for improved heating performance in ambient conditions as low as -13 °F.

Using a variable path heat exchanger, LG Multi V IV performs in low ambient conditions to provide cooling down to 14 °F.



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