GREE

Air comfort for all

GREECOMFORT.COM



Heating & Cooling

Maximum Performance

Ultra Capabilities

GREE

HEATING &
COOLING

SUPERIOR **COMFORT** FOR THE **GLOBAL MARKETPLACE**



THE TECHNOLOGY of air conditioning is only part of our daily focus. We are committed to continually advancing the performance of our products, with a never-satisfied approach to R&D. We're also passionate about delivering superior customer service, unparalleled global leadership and planet-wide environmental stewardship. That's the GREE formula for success, and it's one that brings true comfort to the world.



TABLE OF CONTENTS

About GREE 2

What Is Ductless? 4

GREE Superior Technology 6

Product Line Up 8

Save Energy With GREE 10

Single-Zone Applications & Benefits 12

Single-Zone System 14

FLEXX 24

Single-Zone Quick Reference Guide 26

Get Smart With GREE 28

Multi-Zone Applications & Benefits 30

Multi-Zone System 32

Controls & Accessories 42

Multi-Zone Quick Reference Guide 44

Multi-Zone Compatibility Chart 46

MULTI PRO 48

GREE Select Dealer Program 60

Terms & Conditions 63

WHAT IS **DUCTLESS?**



Ductless Mini-Splits operate via an indoor air handler & and outdoor compressor unit with utmost efficiency and climate control.

Ideal for
ANY SIZE ROOM

—

MORE AFFORDABLE
than replacing
a central system

—

Great for
SUPPLEMENTING
a central system

BETTER THAN A WINDOW AC...

- Enjoy your indoor space without noisy AC distractions – 19 dB(A) as compared to 52 dB(A) with a typical 12K window unit
- Sleek look to blend with your decor blends seamlessly into any room setting and doesn't block your natural light
- Prevents intruders, pests and dust from entering your home – no window is compromised

AS **QUIET** AS A WHISPER, WITH **POWER** AND **EFFICIENCY.**

ENJOY THE DUCT-FREE ADVANTAGE

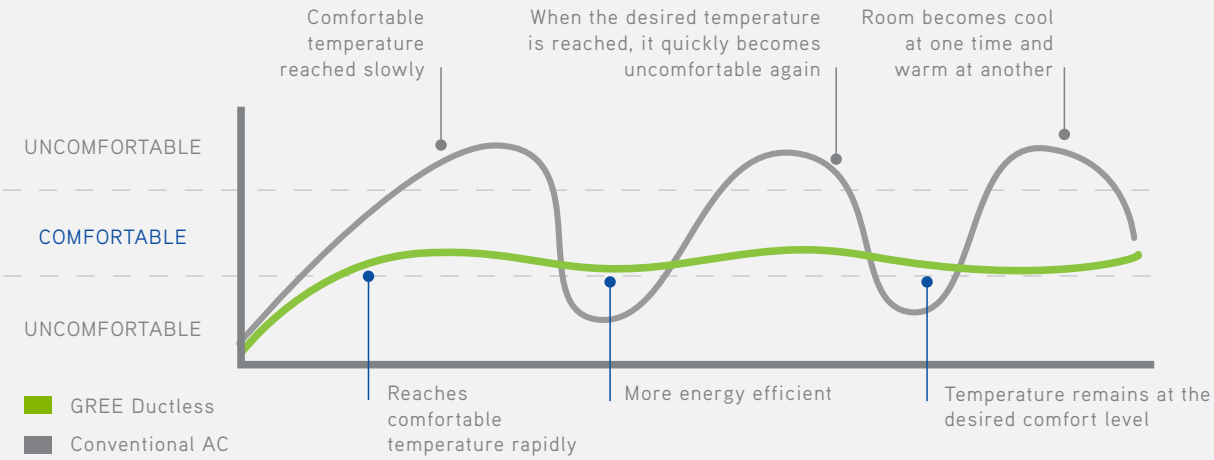
- Precisely heats & cools only desired (occupied) spaces
- Maintains a constant temperature – no wild swings or noisy HVAC starts & stops
- Delivers up to 50% energy savings (up to 27 SEER2) compared to conventional ducted systems – check for rebates
- Simplifies maintenance of filters to maintain optimal air quality
- Acts as a personalized thermostat through remote control/WIFI capabilities
- Avoids 30% heating & cooling loss from air passing through ductwork
- Easy install, no mess in home - licensed contractor installation required for Warranty Coverage

FASTER HEATING/COOLING	PRECISE CONTROL	ENERGY SAVINGS	ECO-FRIENDLY REFRIGERANT

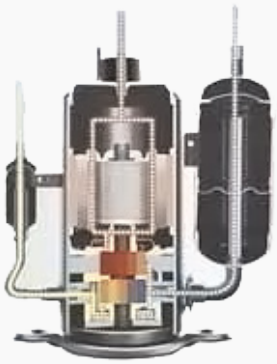
WHERE TO INSTALL

- Houses & rooms that require cooling, heat or both
- Sun & Season rooms
- Open-wall remodels
- Historical structures
- Vacation rentals
- Bonus space - garages, basements, attics, sheds
- Commercial spaces – offices, restaurants, classrooms, hotel/motel, dorms, etc.
- Supplement to inefficient/insufficient systems to maintain desired comfort level

INVERTER TECHNOLOGY DELIVERS OPTIMAL, STEADY COMFORT



GREE TECHNOLOGY: EFFICIENCY FEATURES FOR **MAXIMUM PERFORMANCE**



GREE'S LOAD MATCH VARIABLE SPEED COMPRESSOR

VS.



TRADITIONAL SINGLE SPEED COMPRESSOR

KEY FACTORS FOR **HIGH EFFICIENCY**

INTEGRATED EVAPORATOR
Compact design minimizes indoor unit size while greatly enhancing coil performance.

INTEGRATED DESIGN
Integrated rear chassis and water tray avoids water leakage & reduces noise.

DUAL SIDE INSTALLATION
Choose left or right piping outlet for easier installation.

LOW VOLTAGE START UP
Unit can operate from 187V to 253V, adapting to unstable power supply while providing better PCB protection.

AUTO RESTART
After power outage, unit automatically recovers to previous settings.

CONTROLS

- Cutting-edge micro-circuit for precise inverter control



REFRIGERATION

- Stable, reliable compressor
- Larger heat exchanger with optimized piping
- Electronic expansion valve (EEV) for precise refrigerant flow

AIRFLOW

- Enlarged air intake and outlet
- Optimized crossflow fan design with larger air volume to enhance heat exchange efficiency
- Optimized axial fan design with larger diameter for greater volume and higher efficiency control

AUTO-CLEAN FUNCTION

- Easy removal of dirt and odors through proprietary cleansing process of evaporator
- Units performs 4-stage process to remove unwanted particles from coil: condenses, frosts, sterilizes and defrosts

10 Inverter

- LOW FREQUENCY TORQUE CONTROL
- HIGH-SPEED MICROPROCESSORS
- AUTOMATIC VOLTAGE ADAPTION
- HIGH RELIABILITY
- ECO-FRIENDLY R410A REFRIGERANT

RELIABILITY IS IN THE DESIGN

QUIET, HIGH-EFFICIENCY FAN
Tri-Blade axial fan is resistant to high temperatures and operates quietly.

DURABLE STEEL FINISH
Outdoor unit cabinets are built with heavy gauge rolled steel and coated with weather-resistant paint to withstand harsh conditions all year round.

SELF-DIAGNOSIS
Automatic system diagnostics continuously scans for errors or malfunctions. Fault codes are shown on the unit display to facilitate troubleshooting and repair.

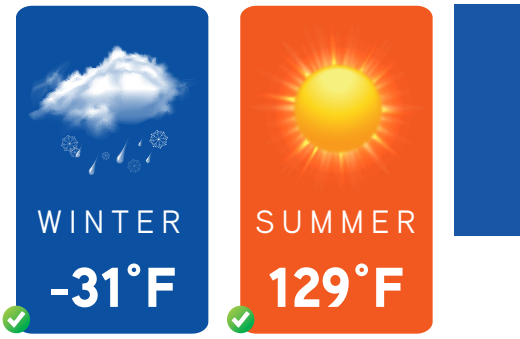
COIL PROTECTION
Acrylic resin coil coating maintains excellent heat transfer, resists corrosive elements and provides years of reliable service.

HIGH TEMP RESISTANCE CIRCUIT BOARDS
Eliable printed circuit boards (PCB) operate in temperatures up to 185˚F while protected by a fire-proof metal casing.

SELF-DRAINING BASE PAN
Condensate water drains freely to help prevent freezing in base pan.

Note: Not all GREE products have each one of these features. Consult individual product guides for specific features and functions.

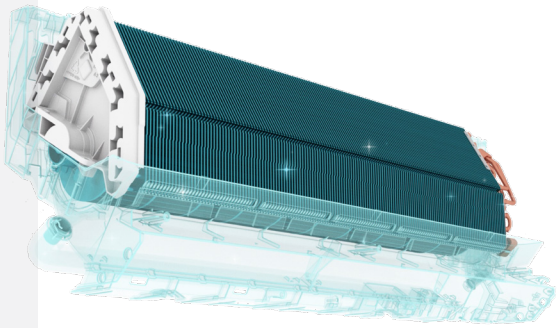
ULTRA CAPABILITIES FOR EXTREME CONDITIONS



Available in Single & Multi-Zone systems.

COOLING RANGE: -20˚F - 129˚F
HEATING RANGE: -31˚F - 75˚F

THE PROOF IS IN THE COMFORT...



LOW NOISE
Noise lower than typical library sound levels for the ultimate in quiet unobtrusiveness.

TURBO COOLING
Press “Turbo” button on remote controller to maximize air flow and reach desired temperature in the shortest possible time.

INTELLIGENT DEFROSTING
While traditional defrosting activates for a set time period (for example, 10 minutes every hour), GREE’s Intelligent Defrost only operates when needed: getting the job done efficiently without wasting energy.

4-WAY AIR FLOW
Louvers can be vertically or horizontally adjusted to direct airflow towards anywhere in the room to maximize room comfort.

MULTIPLE FAN SPEEDS
Choose your desired airflow, from super low to turbo. The SAPPHIRE models have 7 discrete fan speeds.

I-FEEL
Senses temperature at the remote controller instead of at the indoor unit. Adjusts airflow & temperature accordingly for personal comfort and energy savings.

PRODUCT LINEUP

SINGLE-ZONE SYSTEMS

Btu/h	9,000	12,000	9,000	12,000
livo GEN 4				
	4LIV09HP115V1AH	4LIV12HP115V1AH	4LIV09HP230V1AH	4LIV12HP230V1AH
vireo GEN 3	See the 230V Indoor unit options		 9k, 12k 18k, 24k	or  12k, 18k, 24k

Btu/h	24,000	36,000	48,000	60,000	24,000
FLEXX HEAT PUMP					A COIL 
	FLEXX24HP230V1BH	FLEXX36HP230V1BH	FLEXX48HP230V1BH	FLEXX60HP230V1BH	FLEXX24C

ULTRA PRODUCTS FOR EXTREME CONDITIONS & HIGH EFFICIENCY

Btu/h	9,000	12,000	18,000	24,000
sapphire				
	SAP09HP230V1AH	SAP12HP230V1AH	SAP18HP230V1AH	SAP24HP230V1AH

INDOOR UNITS FOR MULTI-ZONE

Btu/h	5,000	7,000	9,000	12,000	18,000	24,000
livo GEN 4	 4LIV05HP230V1AH	 4LIV07HP230V1AH	 4LIV09HP230V1AH	 4LIV12HP230V1AH	 4LIV18HP230V1AH	 4LIV24HP230V1AH
WALL MOUNT			 * 3VIR09HP230V1AH	 * 3VIR12HP230V1AH	 * 3VIR18HP230V1AH	 * 3VIR24HP230V1AH
vireo GEN 3			 SAP09HP230V1AH	 SAP12HP230V1AH	 SAP18HP230V1AH	 SAP24HP230V1AH
CEILING CASSETTE *				 CAS12HP230V1BC	 CAS18HP230V1BC	 CAS24HP230V1BC
DECORATIVE GRILLE SOLD SEPARATELY				 CASGRILLEBSM	 CASGRILLEBSM	 CASGRILLEBLG
MULTI GEN 2 SLIM DUCT *			 DUCT09HP230V1BD	 DUCT12HP230V1BD	 DUCT18HP230V1BD	 DUCT24HP230V1BD
UNIVERSAL * FLOOR / CEILING			 FLR09HP230V1BF	FLR12HP230V1BF	FLR18HP230V1BF	FLR24HP230V1BF
MULTI ULTRA MINI FLOOR CONSOLE			CONS09HP230V1AF	CONS12HP230V1AF	CONS18HP230V1AF	

*Compatible with single zone VIREO GEN3 Outdoor Unit.

18,000	24,000	30,000	36,000	Outdoor Unit
				
4LIV18HP230V1AH	4LIV24HP230V1AH	4LIV30HP230V1AH	4LIV36HP230V1AH	4LIV**HP***V1AO

or  9k, 12k 18k, 24k

or  9k, 12k 18k, 24k

Vireo GEN3 systems also work with the cassettes, slim ducts, and floor/ceiling units located in the Multi-Zone section below.


3VIR**HP230V1BO

36,000	48,000	60,000	Outdoor Unit	36,000	60,000
				 FLEXX36HP230V1AO	 FLEXX60HP230V1AO
FLEXX36C	FLEXX48C	FLEXX48C			

Outdoor Unit		30,000	36,000	Outdoor Unit
	Vireo+ ULTRA			
SAP**HP230V1AO		VIRU30HP230V1AH	VIRU36HP230V1AH	VIRU**HP230V1AO

MULTI-ZONE SYSTEMS AND MULTIPRO OUTDOOR UNITS

Btu/h	18,000	24,000	30,000	36,000	42,000
MULTI GEN2	 MULTI18HP230V1EO	 MULTI24HP230V1EO	 MULTI30HP230V1EO	 MULTI36HP230V1EO	 MULTI42HP230V1EO
MULTI ULTRA	 MULTIU18HP230V1DO	 MULTIU24HP230V1DO		 MULTIU36HP230V1DO	 MULTIU42HP230V1DO

Btu/h	24,000	28,000	36,000	48,000	60,000
MULTIPRO	 GMV-24WL/C-T(U)	 GMV-28WL/C-T(U)	 GMV-36WL/C-T(U)	 GMV-48WL/C-T(U)	 GMV-60WL/C-T(U)

9 INDOOR UNITS TO CHOOSE

- Wall Mount
- Multi-Position Air Handler
- Horizontal Slim Ducted
- 360 Compact Ceiling Cassette
- 360 Standard Ceiling Cassette
- One-Way Cassette
- Two-Way Cassette
- Console
- Floor Ceiling

36,000	48,000
 GMV-36WL/B-T(U)	 GMV-48WL/B-T(U)
ULTRA HEAT MODELS	

*Actual product appearance may vary from images shown.


Save Energy.
Get a GREE.



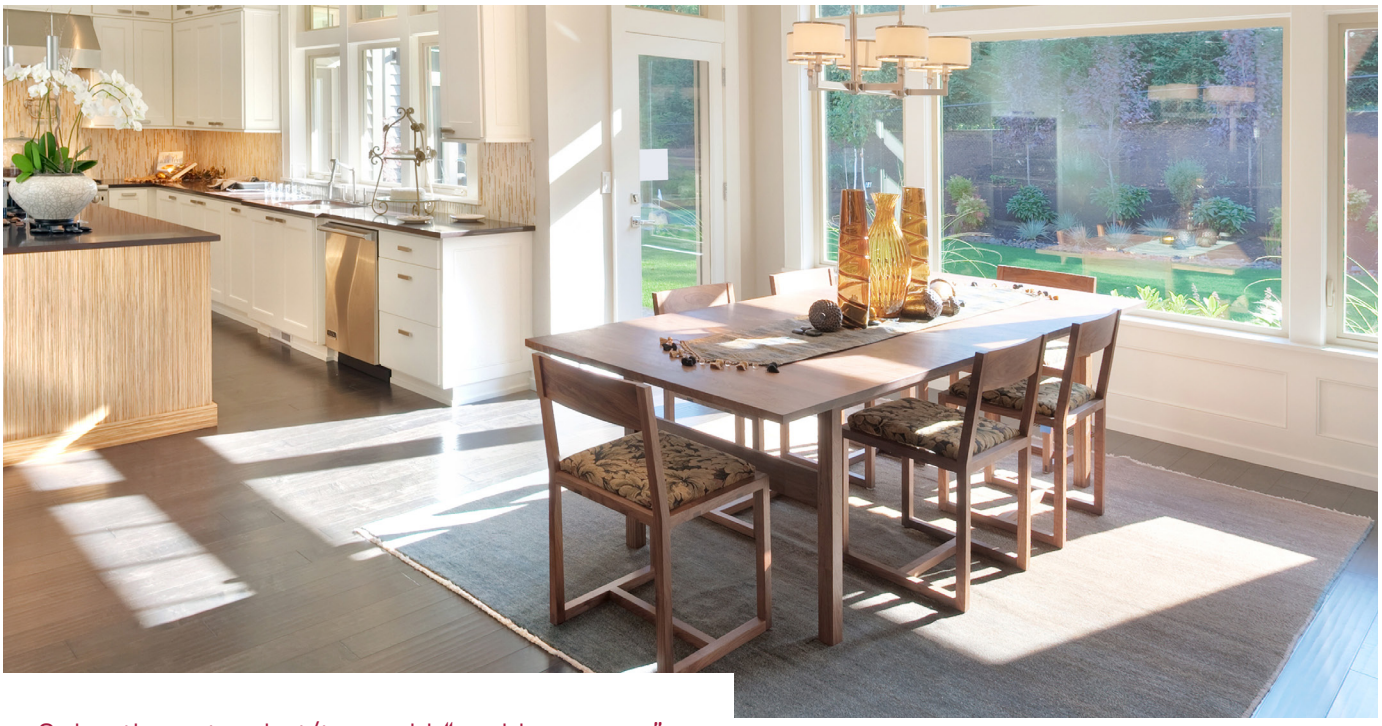
HEAT PUMP SYSTEMS

Heat pumps are the optimal solution for **cooling and heating** your home. Unlike traditional furnaces that create heat from burning oil or gas, heat pumps use the refrigeration cycle to transfer thermal energy.

WHAT DOES THIS MEAN FOR YOU?

- Consume up to 50% less energy
- Reduce load on electric grid
- Support shift from fossil fuels to renewable energy sources
- Lower greenhouse gas emissions

SINGLE-ZONE
APPLICATIONS & BENEFITS



Solve those too-hot/too-cold “problem areas”





Gain that extra living space in your home...



Add that guest cottage or getaway place in your backyard or above the garage...

livo GEN 4

HEATING AND COOLING
YOU CAN COUNT ON

115V & 230V MODELS



- HIGH EFFICIENCY, UP TO 20 SEER2 / 8.8 HSPF2
- SLEEK LOOK TO BLEND WITH YOUR DECOR
- PRECISE AIRFLOW CONTROL
- BUILT-IN WIFI
- AUTO - CLEAN FUNCTION

QUIET, EFFICIENT AND OH-SO-SOPHISTICATED.

Slim, stylish and elegant, the latest Livo GEN4 units are designed to be energy efficient at an affordable price. These 17.5-20 SEER2 heat pump systems are built around GREE's variable speed compressor technology, using eco-friendly R410A refrigerant.

- G10 inverter technology
- I-Feel function
- Multiple fan speeds
- Sleep function
- Acrylic resin coil coating
- Dehumidification
- Intelligent preheating
- Automatic voltage adaption
- Low voltage start-up
- Self-diagnosis
- Swing louver control
- LED display settings
- Privacy lock mode
- Cooling range: -4˚F - 122˚F
- Heating range: -13˚F - 75˚F
- Auto-Clean





09-24k



30-36k



LIVO GEN4		4LIV09HP115V1A*	4LIV12HP115V1A*	4LIV09HP230V1A*	4LIV12HP230V1A*	4LIV18HP230V1A*	4LIV24HP230V1A*	4LIV30HP230V1A*	4LIV36HP230V1A*
System Type		HEAT PUMP							
SYSTEM PERFORMANCE									
Cooling Capacity (Min-Max)	Btu/h	9100 (3000 - 11000)	12000 (2388 - 13307)	9100 (2800 - 10300)	12000 (2388 - 13307)	17600 (3753 - 19960)	22000 (6824 - 25249)	30000 (7780 - 35500)	33600 (7500 - 37200)
Heating Capacity (Min-Max)	Btu/h	10000 (2200 - 13000)	12000 (2388 - 15013)	10000 (2200 - 12200)	12000 (2388 - 15013)	19100 (2730 - 22519)	24000 (5971 - 27296)	30000 (9100 - 36850)	34600 (10200 - 38500)
SEER2 / EER2		19.5 / 11.3	17.5 / 8.7	19.5 / 11.3	17.5 / 8.7	17.5 / 10.1	18 / 11.6	20 / 11.3	20 / 10.5
HSPF2 / COP		8.6 / 3.6	8.5 / 3.5	8.8 / 3.8	8.5 / 3.5	8.5 / 3.2	8.5 / 3.4	8.5 / 3.4	8.5 / 3.2
Energy Star®		NO	NO	NO	NO	NO	NO	NO	NO
Cooling Temperature Range	°F	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115	0 - 122	-4 - 115	-4 - 115
Heating Temperature Range	°F	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75
Refrigerant Type		R410A				R410A			
INDOOR UNIT DATA		**4LIV09HP115V1AH**	**4LIV12HP115V1AH**	**4LIV09HP230V1AH**	**4LIV12HP230V1AH**	**4LIV18HP230V1AH**	**4LIV24HP230V1AH**	**4LIV30HP230V1AH**	**4LIV36HP230V1AH**
Air Flow (Min-Max)	CFM	159 - 353	182 - 424	159 - 353	182 - 424	283 - 618	412 - 677	471 - 912	471 - 912
Sound Pressure Level (Min-Max)	dB(A)	26 - 41	27 - 47	26 - 41	27 - 47	32 - 50	36 - 51	37 - 56	37 - 56
Dehumidification	pt/hr	1.69	2.96	1.69	2.96	3.80	5.28	7.40	7.40
External Dimensions (W x H x D)	in	32 7/8 × 10 7/8 × 7 7/8	32 7/8 × 10 7/8 × 7 7/8	32 7/8 × 10 7/8 × 7 7/8	32 7/8 × 10 7/8 × 7 7/8	37 1/8 × 13 1/8 ×9 11/16	42 7/16 × 13 1/8 × 9 11/16	53 3/16 × 12 13/16 × 9 15/16	53 3/16 × 12 13/16 × 9 15/16
Package Dimension (WxHxD)	in	35 1/4 × 13 5/8 × 10 11/16	35 1/4 × 13 5/8 × 10 11/16	35 1/4 × 13 5/8 × 10 11/16	35 1/4 × 13 5/8 × 10 11/16	39 7/16 × 15 15/16 × 12 11/16	44 5/8 × 16 5/16 × 13 1/8	56 3/4 × 16 5/8 × 14 1/2	56 3/4 × 16 5/8 × 14 1/2
Weight (Net / Gross)	lbs	19.8 / 24.3	19.8 / 24.3	19.8 / 24.3	19.8 / 24.3	28.7 / 34.2	33.1/ 39.7	44.1 / 54.0	44.1 / 54.0
OUTDOOR UNIT DATA		**4LIV09HP115V1AO**	**4LIV12HP115V1AO**	**4LIV09HP230V1AO**	**4LIV12HP230V1AO**	**4LIV18HP230V1AO**	**4LIV24HP230V1AO**	**4LIV30HP230V1AO**	**4LIV36HP230V1AO**
Compressor Type		GREE G-10 / 2 - STAGE INVERTER				GREE G-10 / 2 - STAGE INVERTER			
Sound Pressure Level	dB(A)	51	52	51	52	57	57	62	62
External Dimensions (W x H x D)	in	28 13/16 × 21 7/8 × 13	28 13/16 × 21 7/8 × 13	28 13/16 × 21 7/8 × 13	28 13/16 × 21 7/8 × 13	31 5/8 × 21 7/8 × 13 13/16	37 3/4 × 26 × 15 7/8	39 3/8 × 29 3/8 × 16 13/16	39 3/8 × 29 3/8 × 16 13/16
Package Dimension (W x H x D)	in	31 5/16 × 24 3/4 × 14 13/16	31 5/16 × 24 3/4 × 14 13/16	31 5/16 × 24 3/4 × 14 13/16	31 5/16 × 24 3/4 × 14 13/16	34 6/16 × 24 7/16 × 15 11/16	40 5/8 × 29 1/16 × 17 15/16	42 9/16 × 31 15/16 × 19 1/16	42 9/16 × 31 15/16 × 19 1/16
Weight (Net / Gross)	lbs	59.5 / 65.0	59.5 / 65.0	56.2 / 61.7	57.3 / 62.8	71.7 / 77.2	97.0 / 106.9	113.6 / 124.6	127.9 / 138.9
REFRIGERANT PIPING									
Refrigerant Charge - R410A	oz	24.3	24.7	24.7	27.5	44.1	52.9	74.1	84.7
Additional Charge	oz/ft	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.5
Line Set Size (Liquid - Gas) - Flared Connections	in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8
Pre-Charge Length	ft	25				25			
Pipe Length (Min - Max)	ft	10 - 66	10 - 66	10 - 66	10 - 66	10- 82	10- 82	10- 82	10- 82
Max. Pipe Elevation	ft	39	33	39	33	33	33	33	33
ELECTRICAL									
Power Supply		115V / 1PH / 60 HZ				208-230V / 1Ph / 60Hz			
Voltage Range (Min - Max)	VAC	103-127				187-253			
Rated Current - Cooling	A	17.5	18	6.5	6.7	9.5	12	19	20
Rated Current - Heating	A	18	18	7	7.4	9.5	12	18	18
MCA	A	16	20	9	11	14	15	20	23
MOCP	A	20	30	15	15	20	20	30	35
Main Power Wire Size	AWG	Per Local Code				Per Local Code			
Interconnecting Wire Size	AWG	14 / 4				14 / 4			
LIMITED WARRANTY		**5 Years Parts, 7 Years Compressor – Residential & Commercial**							

EFFICIENT AND FLEXIBLE TO FIT YOUR LIFESTYLE

SINGLE-ZONE 230V



- 4 INDOOR UNITS TO CHOOSE
- HIGH EFFICIENCY, UP TO 25.5 SEER2 / 10.2 HSPF2
- AUTO-CLEAN FUNCTION
- SUB-ZERO COOLING CAPABILITIES

ELEVATE THE ATMOSPHERE IN ANY ROOM.

The Energy Star®-compliant* Vireo GEN3 line brings dramatic new performance and style to every room. Never before has it been so easy to maintain constant indoor comfort, regardless of the outdoor conditions.

- Smart Home Integration
- Ultra heat down to -22F
- Ultra cool down to -20F
- 7 fan speeds + Turbo
- Intelligent defrost
- Low voltage start-up
- Automatic voltage adaptation
- Intelligent preheating
- Easier to Clean/Change Filters
- Optimized Airflow Design
- Timer function
- Remote & wired controller options
- I-Feel function
- Swing louver control
- Privacy lock mode

* See individual indoor unit for compliance





VIREO GEN3		3VIR09HP230V1**	3VIR12HP230V1**	3VIR18HP230V1**	3VIR24HP230V1**
System Type			HEAT PUMP		
SYSTEM PERFORMANCE			SEE INDIVIDUAL INDOOR UNIT DATA TABLES		
OUTDOOR UNIT		**3VIR09HP230V1BO**	**3VIR12HP230V1BO**	**3VIR18HP230V1BO**	**3VIR24HP230V1BO**
Cooling Temperature Range	°F	-20 - 122	-20 - 122	-20 - 122	-20 - 122
Heating Temperature Range	°F	-22 - 86	-22 - 86	-22 - 86	-22 - 86
Refrigerant Type			R410A		
Compressor Type			G-10 / 1 - Stage Inverter		
Sound Pressure Level	dB(A)	52	52	59	62
External Dimensions (W x H x D)	in	31 5/8 × 21 7/8 × 13 13/16	31 5/8 × 21 7/8 × 13 13/16	37 3/4 × 26 × 15 7/8	39 3/8 × 29 3/8 × 16 13/16
Package Dimension (W x H x D)	in	34 3/8 × 24 7/16 × 15 11/16	34 3/8 × 24 7/16 × 15 11/16	40 5/8 × 29 1/16 × 18	42 9/16 × 31 15/16 × 19 1/16
Weight (Net / Gross)	lbs	70.6 / 76.1	70.6 / 76.1	98.1 / 106.9	125.7 / 136.7
REFRIGERANT PIPING					
Refrigerant Charge - R410A	oz	35.3	42.3	54.7	60
Additional Charge	oz/ft	0.2	0.2	0.5	0.5
Line Set Size (Liquid - Gas) - Flared Connections	in		LINE SET SIZED BY INDOOR UNIT VALVE SIZE		
Pre-Charge Length	ft		25		
Pipe Length (Min / Max)	ft	10 / 49	10 / 66	10 / 82	10 / 131
Max. Pipe Elevation	ft	33	33	33	82
ELECTRICAL					
Power Supply			208-230V / 1Ph / 60Hz		
Voltage Range (Min - Max)	VAC		187 - 253		
Rated Current - Cooling	A	4.7	6.3	11.5	15.3
Rated Current - Heating	A	6	6.7	11.5	13.5
MCA	A	10	10	14	16
MOCP	A	15	15	20	25
Main Power Wire Size	AWG		Per Local Code		
Communication Wire Size	AWG		14 / 4		
LIMITED WARRANTY			**5 Years Parts, 7 Years Compressor – Residential & Commercial**		

4 INDOOR UNITS TO CHOOSE

● Wall Mount ● Ceiling Cassette ● Universal Floor/Ceiling ● Slim Duct (High Static)



Slim compact design hangs inconspicuously on the wall and mixes with most interior designs. Built-in WIFI technology allows local to long distance control from smartphones with the GREE+ smart app.

WALL MOUNT

MODEL		3VIR09HP230V1AH & BH[1]	3VIR12HP230V1AH & BH[1]	3VIR18HP230V1AH & BH[1]	3VIR24HP230V1AH & BH[1]
System Type			HEAT PUMP		
SYSTEM PERFORMANCE					
Cooling Capacity (Min-Max)	Btu/h	9100 (1535 - 10747)	12000 (3071 - 14098)	18000 (5118 - 21154)	22000 (8870 - 28000)
Heating Capacity (Min-Max)	Btu/h	10500 (3412 - 14672)	12000 (3071 - 15501)	18000 (5118 - 21154)	24000 (7200 - 30708)
SEER2 / EER2		25.5 / 14.7	24 / 12.5	23.5 / 13	24.5 / 13.1
HSPF2 / COP		10.2 / 3.9	9 / 3.8	9 / 3.8	9.5 / 3.8
Energy Star®		YES	YES	YES	YES
INDOOR UNIT DATA		**3VIR09HP230V1AH & BH[1]**	**3VIR12HP230V1AH & BH[1]**	**3VIR18HP230V1AH & BH[1]**	**3VIR24HP230V1AH & BH[1]**
Air Flow (Min-Max)	CFM	159 - 353	182 - 424	353 - 618	412 - 677
Sound Pressure Level (Min-Max)	dB(A)	25 - 40	27 - 43	29 - 49	34 - 52
Dehumidification	pt/hr	1.69	2.96	3.80	5.07
External Dimensions (W x H x D)	in	32 1/2 × 11 9/16 × 7 3/4	32 1/2 × 11 9/16 × 7 3/4	38 11/16 × 12 1/4 × 8 3/4	42 3/8 × 13 1/8 × 9 11/16
Package Dimension (W x H x D)	in	34 7/16 × 14 3/8 × 10 9/16	34 7/16 × 14 3/8 × 10 9/16	41 1/8 × 15 3/16 × 11 3/4	44 5/8 × 16 5/16 × 13 1/8
Weight (Net / Gross)	lbs	20.9 / 25.4	20.9 / 25.4	28.7 / 35.3	35.3 / 41.9
REFRIGERANT PIPING					
Line Set Sized by Indoor Unit (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8
ELECTRICAL					
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		
LIMITED WARRANTY			**5 Years Parts, 7 Years Compressor – Residential & Commercial**		

[1] AH=MATT FINISH AND BH=SMOOTH FINISH



Suitable for any room; installs easily in suspended ceilings.

CEILING CASSETTE

MODEL		CAS12HP230V1BC	CAS18HP230V1BC	CAS24HP230V1BC
System Type			HEAT PUMP	
SYSTEM PERFORMANCE				
Cooling Capacity - Nominal	Btu/h	12000	14400	22800
Heating Capacity - Nominal	Btu/h	13000	16000	27400
SEER2 / EER2		24 / 12.5	19 / 10.3	21 / 13.1
HSPF2 / COP		8.5 / 4	9.5 / 3.3	9.5 / 3.6
Energy Star®		YES	NO	YES
INDOOR UNIT DATA		**CAS12HP230V1BC**	**CAS18HP230V1BC**	**CAS24HP230V1BC**
Air Flow (Min-Max)	CFM	265 - 383	265 - 418	518 - 753
Sound Pressure Level (Min - Max)	dB(A)	34 - 44	35 - 47	36 - 47
Dehumidification	pt/hr	3.0	3.8	5.3
External Dimensions (W x H x D)	in	23 1/2 x 9 1/2 x 23 1/2	23 1/2 x 9 1/2 x 23 1/2	33 x 9 1/2 x 33
Package Dimension (W x H x D)	in	30 1/2 x 11 1/4 x 29	30 1/2 x 11 1/4 x 29	37 1/2 x 12 1/8 x 37 1/2
Weight (Net / Gross)	lbs	55.0 / 66.2	56.3 / 67.3	72.8 / 88.2
CASSETTE GRILLE (Required)		**CASGRILLEBSM**	**CASGRILLEBSM**	**CASGRILLEBLG**
Grille Dimension (W x H x D)	in	26 3/8 x 2 x 26 3/8	26 3/8 x 2 x 26 3/8	37 7/16 x 2 3/8 x 37 7/16
Package Dimension (W x H x D)	in	30 X 3 1/2 X 30	30 X 3 1/2 X 30	40 1/2 x 4 5/8 x 40 3/4
Weight (Net / Gross)	lbs	7.7 / 11.0	7.7 / 11.0	15.4 / 24.3
REFRIGERANT PIPING				
Line Set Sized by Indoor Unit (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8
ELECTRICAL				
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)	
LIMITED WARRANTY			**5 Years Parts, 7 Years Compressor – Residential & Commercial**	



Slender, lightweight and attractive; ideal for limited spaces.
Suspend from the ceiling or mount low on the wall.

UNIVERSAL FLOOR/CEILING

MODEL		FLR09HP230V1BF	FLR12HP230V1BF	FLR18HP230V1BF	FLR24HP230V1BF
System Type			HEAT PUMP		
SYSTEM PERFORMANCE					
Cooling Capacity - Nominal	Btu/h	8500	11900	17000	22800
Heating Capacity - Nominal	Btu/h	9500	13100	17800	27400
SEER2 / EER2		19 / 13	18.5 / 11.5	19 / 11.3	20 / 13.1
HSPF2 / COP		9.5 / 3.8	8.5 / 3.5	8.3 / 3.3	9 / 3.5
Energy Star®		YES	NO	NO	YES
INDOOR UNIT DATA		**FLR09HP230V1BF**	**FLR12HP230V1BF**	**FLR18HP230V1BF**	**FLR24HP230V1BF**
Air Flow (Min-Max)	CFM	257 - 412	257 - 412	241 - 400	424 - 560
Sound Pressure Level (Min-Max)	dB(A)	26 - 38	26 - 38	27 - 38	27 - 38
Dehumidification	pt/hr	1.7	3.0	3.8	5.3
External Dimensions (W x H x D)	in	34 1/4 x 26 1/4 x 9 1/4	34 1/4 x 26 1/4 x 9 1/4	34 1/4 x 26 1/4 x 9 1/4	47 1/4 x 26 1/4 x 9 1/4
Package Dimension (W x H x D)	in	40 1/2 x 30 1/4 x 11 1/4	40 1/2 x 30 1/4 x 11 1/4	40 1/2 x 30 1/4 x 11 1/4	53 1/2 x 30 1/4 x 11 1/4
Weight (Net / Gross)	lbs	55.0 / 66.2	55.0 / 66.2	56.3 / 67.3	72.8 / 88.2
REFRIGERANT PIPING					
Line Set Sized by Indoor Unit (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8
ELECTRICAL					
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		
LIMITED WARRANTY			**5 Years Parts, 7 Years Compressor – Residential & Commercial**		



Hides above a suspended ceiling or in closet space; delivers air via ducting or suitable ceiling /wall grilles.

SLIM DUCT

MODEL		DUCT09HP230V1BD	DUCT12HP230V1BD	DUCT18HP230V1BD	DUCT24HP230V1BD
System Type			HEAT PUMP		
SYSTEM PERFORMANCE					
Cooling Capacity - Nominal	Btu/h	9000	12000	18000	24000
Heating Capacity - Nominal	Btu/h	9500	13000	19000	27000
SEER2 / EER2		21 / 13.5	20 / 12.5	21 / 12.7	20 / 13.1
HSPF2 / COP		9 / 3.9	8.5 / 3.8	8.3 / 3.7	9 / 3.9
Energy Star®		YES	YES	YES	YES
INDOOR UNIT DATA		**DUCT09HP230V1BD**	**DUCT12HP230V1BD**	**DUCT18HP230V1BD**	**DUCT24HP230V1BD**
Air Flow (Min-Max)	CFM	188 - 324	212 / 353	288 / 589	406 / 736
External Static Pressure	In W.c.	0.6	0.6	0.8	0.8
Sound Pressure Level (Min - Max)	dB(A)	25 - 36	26 - 38	26 - 39	28 - 42
Dehumidification	pt/hr	1.70	3.0	3.8	5.3
External Dimensions (W x H x D)	in	32 11/16 x 11 7/8 x 29 11/16	32 11/16 x 11 7/8 x 29 11/16	44 1/2 x 11 7/8 x 29 3/4	44 1/2 x 11 7/8 x 29 3/4
Package Dimension (W x H x D)	in	35 1/4 x 13 5/8 x 31 3/4	35 1/4 x 13 5/8 x 31 3/4	47 5/16 x 13 5/8 x 32	47 5/16 x 13 5/8 x 32
Weight (Net / Gross)	lbs	71 / 84	71 / 84	93 / 107	93 / 107
REFRIGERANT PIPING					
Line Set Sized by Indoor Unit (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8
ELECTRICAL					
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		
LIMITED WARRANTY			**5 Years Parts, 7 Years Compressor – Residential & Commercial**		

Vireo+ ULTRA

OPTIMAL PERFORMANCE IN THE MOST CHALLENGING CLIMATES



- HIGH EFFICIENCY, UP TO 20 SEER2 / 8.5 HSPF2
- HEATING RANGE: -31˚F - 75˚F
- COOLING RANGE: 0˚F TO 115˚F
- SLEEK LOOK TO BLEND WITH YOUR DECOR
- SUPERIOR CONTROL

DISCRETE AND ELEGANT DESIGN.

Discrete and elegant design, the Vireo+ ULTRA unit can cool and heat in extreme conditions… from -31˚F to 115˚F with utmost energy efficiency. Both sizes include GREE's G10 2 stage / 3 cylinder variable speed compressor technology and Built-in WIFI.



- G10 inverter technology
- 30,000 - 36,000 BTU models
- Heat pump advantage
- Rugged construction
- Multiple fan speeds
- Intelligent defrost
- Acrylic resin coil coating
- Low voltage start-up
- Automatic voltage adaption
- Intelligent preheating
- Washable, polymeric air filters
- Timer function
- Remote & wired controller options
- I-Feel function
- Swing louver control
- Privacy lock mode
- Sleep function
- Energy saving mode
- Fahrenheit / Celsius
- LED display settings
- Self-diagnosis

VIREO+ ULTRA		VIRU30HP230V1A*	VIRU36HP230V1A*
System Type		HEAT PUMP	
SYSTEM PERFORMANCE			
Cooling Capacity (Min-Max)	Btu/h	28000 (5500 - 30700)	33000 (8800 - 40900)
Heating Capacity (Min-Max)	Btu/h	28700 (4400 - 35200)	34600 (16700 - 49400)
SEER2 / EER2		20 / 10.6	18 / 10.3
HSPF2 / COP		8.5 / 3.1	8.5 / 3.2
Energy Star®		NO	NO
Cooling Temperature Range	°F	0 - 115	0 - 115
Heating Temperature Range	°F	-31 - 75	-31 - 75
Refrigerant Type		R410A	R410A
INDOOR UNIT DATA		**VIRU30HP230V1AH**	**VIRU36HP230V1AH**
Air Flow (Min-Max)	CFM	441 - 824	441 - 824
Sound Pressure Level (Min-Max)	dB(A)	36 - 55	36 - 55
Dehumidification	pt/hr	6.34	7.40
External Dimensions (W x H x D)	in	53 3/16 x 12 5/8 x 10	53 3/16 x 12 5/8 x 10
Package Dimension (W x H x D)	in	57 x 16 5/8 x 14	57 x 16 5/8 x 14
Weight (Net / Gross)	lbs	42 / 52	42 / 52
OUTDOOR UNIT DATA		**VIRU30HP230V1AO**	**VIRU36HP230V1AO**
Compressor Type		GREE G-10 / 2 - STAGE / 3 CYLINDER INVERTER	
Sound Pressure Level	dB(A)	61	63
External Dimensions (W x H x D)	in	43 5/8 x 43 1/2 x 17 5/16	43 5/8 x 43 1/2 x 17 5/16
Package Dimension (W x H x D)	in	45 5/8 x 48 5/8 x 19	45 5/8 x 48 5/8 x 19
Weight (Net / Gross)	lbs	229 / 240	254 / 265
REFRIGERANT PIPING			
Refrigerant Charge - R410A	oz	123.5	123.5
Additional Charge	oz/ft	0.3	0.3
Line Set Size (Liquid - Gas) - Flared Connections	in	1/4 - 5/8	1/4 - 5/8
Pre-Charge Length	ft	25	
Pipe Length (Min - Max)	ft	10 - 165	10 - 165
Max. Pipe Elevation	ft	100	100
ELECTRICAL			
Power Supply		208-230V / 1Ph / 60Hz	
Voltage Range (Min - Max)	VAC	187 - 253	
Rated Current - Cooling	A	17	19
Rated Current - Heating	A	25	30
MCA	A	30	32
MOCP	A	50	50
Main Power Wire Size	AWG	Per Local Code	
Interconnecting Wire Size	AWG	14 / 4	
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor – Residential & Commercial	

sapphire

DISCOVER THE **PREMIER GEM** OF HEATING AND COOLING

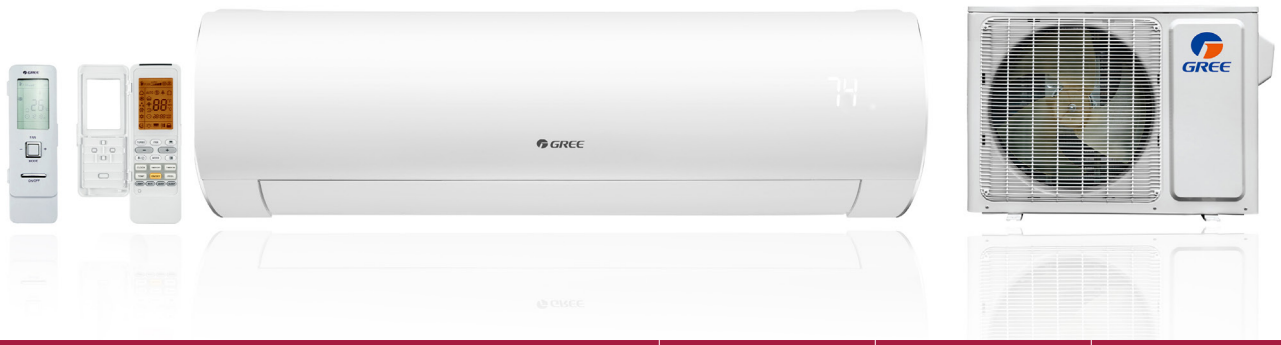


- HIGH EFFICIENCY, 27 SEER2 / 11 HSPF2
- G10 INVERTER TECHNOLOGY
- INTELLIGENT DEFROST
- SELF-DIAGNOSIS
- SIMPLE OPERATION
- COOLING 0˚F TO 129˚F

THE HALLMARK OF ELEGANCE & FUNCTIONALITY.

With the Sapphire wall mount ductless mini-splits, you can keep any room comfortable without sacrificing aesthetics. The quiet, unobtrusive design delivers advanced performance with an industry-best energy efficiency rating of up to 27 SEER2 in cooling and 11 HSPF2 in heating.

- Built-in WIFI
- Ultra heat down to -22˚F
- Energy Star®
- High efficiency, up to 27 SEER2 / 11 HSPF2
- Precise airflow control
- Multiple fan speeds
- Intelligent preheating
- Intelligent defrost
- Low voltage start-up
- Sleek look to blend with your decor
- I-Feel function
- Privacy lock mode
- Sleep function
- Timer function
- Self-diagnosis
- Cleanable air filter



SAPPHIRE		SAP09HP230V1A*	SAP12HP230V1A*	SAP18HP230V1A*	SAP24HP230V1A*
System Type			HEAT PUMP		
SYSTEM PERFORMANCE					
Cooling Capacity (Min-Max)	Btu/h	9000 (1535 - 12966)	12000 (2900 - 15354)	18000 (4094 - 21837)	22000 (6800 - 30700)
Heating Capacity (Min-Max)	Btu/h	9000 (2388 - 13648)	12200 (3071 - 18766)	18000 (4094 - 24566)	24000 (6800 - 32000)
SEER2 / EER2		27 / 16.6	24 / 14	22 / 13.5	21.5 / 13
HSPF2 / COP		11 / 4.3	8.5 / 3.8	10 / 3.5	9.5 / 3.5
Energy Star®		YES	YES	YES	YES
Cooling Temperature Range	°F	0 - 129	0 - 129	0 - 129	0 - 129
Heating Temperature Range	°F	-22 - 75	-22 - 75	-22 - 75	-22 - 75
Refrigerant Type			R410A		
INDOOR UNIT DATA		**SAP09HP230V1AH**	**SAP12HP230V1AH**	**SAP18HP230V1AH**	**SAP24HP230V1AH**
Air Flow (Min-Max)	CFM	206 - 424	235 - 500	353 - 736	383 - 824
Sound Pressure Level (Min-Max)	dB(A)	19 - 46	22 - 49	34 - 51	34-54
Dehumidification	pt/hr	1.69	2.96	3.80	4.23
External Dimensions (W x H x D)	in	39 7/8 x 12 1/8 x 8 3/4	39 7/8 x 12 1/8 x 8 3/4	44 3/16 × 13 × 9 13/16	44 3/16 × 13 × 9 13/16
Package Dimension (W x H x D)	in	42 7/16 x × 14 13/16 x 11 13/16	42 7/16 x × 14 13/16 x 11 13/16	46 7/8 × x 16 x 13 3/16	46 7/8 × x 16 x 13 3/16
Weight (Net / Gross)	lbs	29.8 / 36.4	29.8 / 36.4	36.4 / 44.1	35.3 / 41.9
OUTDOOR UNIT DATA		**SAP09HP230V1AO**	**SAP12HP230V1AO**	**SAP18HP230V1AO**	**SAP24HP230V1AO**
Compressor Type			GREE G-10 / 2 - STAGE INVERTER		
Sound Pressure Level	dB(A)	57	53	59	59
External Dimensions (W x H x D)	in	35 13/32 × 23 1/2 × 14 7/8	35 13/32 × 23 1/2 × 14 7/8	38 5/8 × 31 1/8 × 16 13/16	38 5/8 × 31 1/8 × 16 13/16
Package Dimension (W x H x D)	in	37 3/16 x 24 13/16 x 16 7/16	37 3/16 x 24 13/16 x 16 7/16	42 1/2 x 33 1/8 x 19 1/8	42 1/2 x 33 1/8 x 19 1/8
Weight (Net / Gross)	lbs	99.2 / 105.8	99.2 / 105.8	141.1 / 152.1	147.7 / 158.8
REFRIGERANT PIPING					
Refrigerant Charge - R410A	oz	50.4	49.4	70.6	81.1
Additional Charge	oz/ft	0.2	0.2	0.5	0.5
Line Set Size (Liquid - Gas) - Flared Connections	in	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8
Pre-Charge Length	ft		25		
Pipe Length (Min - Max)	ft	10 - 49	10 - 98	10 - 131	10 - 164
Max. Pipe Elevation	ft	33	49	66	98
ELECTRICAL					
Power Supply			208-230V / 1Ph / 60Hz		
Voltage Range (Min - Max)	VAC		187-253		
Rated Current - Cooling	A	6.2	6.5	10.8	16.4
Rated Current - Heating	A	6.9	6.9	10.8	16.4
MCA	A	9	9	22	22
MOCP	A	15	15	30	35
Main Power Wire Size	AWG		Per Local Code		
Interconnecting Wire Size	AWG		14 / 4		
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor – Residential & Commercial		

FLEXX

PROVIDES **OUTDOOR** AND **INDOOR FLEXIBILITY** WITH **COMFORT**.



- 24 VAC THERMOSTAT CONTROL
- UP TO 17 SEER2 / 9 HSPF2 EFFICIENCY
- ULTRA HEATING & COOLING CAPABILITIES

WHEN YOU WANT TO FLEXX

With GREE's inverter technology and horizontal (side) discharge design, the FLEXX delivers up to 17 SEER2 efficiency with 24 VAC flexibility. The FLEXX is ideal for add-on replacement and new construction with ULTRA heating & cooling capabilities, a quiet operation and small outdoor footprint.

- High efficiency, up to 17 SEER2 / 9 HSPF2
- Cooling range: 5˚F - 129˚F
- Heating range: -22˚F - 75˚F
- Sound levels down to 55 dB(A) on outdoor unit
- Conventional, 24 VAC thermostat control
- Eco-friendly R410A refrigerant
- All FLEXX ODU's have golden fin and all IDU's have blue fin
- Golden Fin Equipment – 1500 Hrs Salt Spray tested
- Blue Fin Equipment - 500 Hrs Salt Spray tested



FLEXX		HEAT PUMP			
Outdoor Model		FLEXX36HP230V1AO		FLEXX60HP230V1AO	
Indoor Model		FLEXX24HP230V1BH	FLEXX36HP230V1BH	FLEXX48HP230V1BH	FLEXX60HP230V1BH
SYSTEM PERFORMANCE					
Cooling Capacity (Min - Max)	Btu/h	24000 (12000 - 24000)	36000 (18000 - 37000)	48000 (34000 - 48000)	54000 (35000 -54000)
Heating Capacity (Min - Max)	Btu/h	24000 (12000 - 30000)	36000 (18000 - 38000)	48000 (34000 - 52000)	54000 (35000 - 60000)
SEER2 / EER2		17 / 12	16 / 10	17 / 11	16 / 10
HSPF2 / COP		9 / 4	9 / 3	9 / 3.3	9 / 3.5
Energy Star®		YES	NO	NO	NO
Cooling Temperature Range	°F	5 - 129		5 - 129	
Heating Temperature Range	°F	-22 - 75		-22 - 75	
Refrigerant Type		R410A		R410A	
OUTDOOR UNIT DATA		**FLEXX36HP230V1AO**		**FLEXX60HP230V1AO**	
Power Supply	VAC	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz
Sound Pressure Level	dB(A)	55	57	58	
Control Voltage	VAC	24		24	
Rated Current Cooling	A	21		30	
Rated Current Heating	A	25		31	
MCA	A	24		35	
MOCP	A	35		45	
Recommended Breaker Size	A	30		40	
External Dimensions (W x H x D)	in	37 x 32 1/4 x 18 1/8		39 3/8 x 53 5/8 x 14 1/2	
Package Dimension (W x H x D)	in	42 11/16 x 38 3/8 x 22 9/16		45 7/16 x 59 1/4 x 19 7/16	
Net Weight / Gross Weight	lbs	217 / 240		308 / 337	
Refrigerant Charge - R410A	oz	148		220.5	
Additional Charge	oz/ft	0.32		0.32	
INDOOR UNIT DATA		**FLEXX24HP230V1BH**	**FLEXX36HP230V1BH**	**FLEXX48HP230V1BH**	**FLEXX60HP230V1BH**
Power Supply	VAC	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz
Sound Pressure Level	dB(A)	45	47	50	51
Control Voltage	VAC	24	24	24	24
Rated Current Cooling	A	3	3	5	5
Rated Current Heating	A	3	3	5	5
MCA	A	4	4	8	8
MOCP	A	15	15	15	15
Electric Heater (Optional)	kW	5, 8, 10	5, 8, 10, 15	10, 15, 20	10, 15, 20
Air Flow	CFM	940	1000	1470	1600
External Static Pressure (Up to)	In W.c.	1.0	1.0	1.0	1.0
Dehumidification	pt/hr	3.06	9.70	9.94	12.13
External Dimensions (W x H x D)	in	21 1/4 x 48 1/4 x 21 1/4	21 1/4 x 48 1/4 x 21 1/4	24 3/4 x 57 x 21 1/4	24 3/4 x 57 x 21 1/4
Package Dimension (W x H x D)	in	26 x 50 7/16 x 23 3/4	26 x 50 7/16 x 23 3/4	27 5/16 x 59 3/8 x 26	27 5/16 x 59 3/8 x 26
Net Weight / Gross Weight	lbs	156 / 169	156 / 169	202 / 218	202 / 218
INDOOR A COIL		**FLEXX24C**	**FLEXX36C**	**FLEXX48C**	**FLEXX60C**
External Dimensions (W x H x D)	in	17 1/2 x 23 x 21 1/4		24 1/2 x 28 1/2 x 21 1/4	
Net Weight / Gross Weight	lbs	64 / 75		95 / 110	
REFRIGERANT PIPING					
Line Set Size (Liquid - Gas) - Flared Connections	in	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4
Pre-Charge Length	ft	31	31	31	31
Pipe Length (Min - Max)	ft	10 - 164	10 - 164	10 - 100	10 - 100
Max. Pipe Elevation	ft	100	100	50	50
LIMITED WARRANTY		**5 Years Parts, 7 Years Compressor – Residential & Commercial**			

SINGLE-ZONE
QUICK REFERENCE GUIDE



SINGLE-ZONE SYSTEMS

		Indoor Model No.
livo GEN 4	115-1-60	4LIV09HP115V1AH
		4LIV12HP115V1AH
	208/230-1-60	4LIV09HP230V1AH
		4LIV12HP230V1AH
		4LIV18HP230V1AH
		4LIV24HP230V1AH
		4LIV30HP230V1AH
		4LIV36HP230V1AH
Vireo GEN 3	208/230-1-60	3VIR09HP230V1AH & BH[1]
		3VIR12HP230V1AH & BH[1]
		3VIR18HP230V1AH & BH[1]
		3VIR24HP230V1AH & BH[1]

[1] AH=MATT FINISH AND BH=SMOOTH FINISH

ULTRA PRODUCT FOR EXTREME CONDITIONS & HIGH EFFICIENCY

Vireo+ ULTRA	208/230-1-60	VIRU30HP230V1AH
		VIRU36HP230V1AH
sapphire	208/230-1-60	SAP09HP230V1AH
		SAP12HP230V1AH
		SAP18HP230V1AH
		SAP24HP230V1AH

	Indoor Model No.
FLEXX HEAT PUMP	FLEXX24HP230V1BH
	FLEXX36HP230V1BH
	FLEXX48HP230V1BH
	FLEXX60HP230V1BH

Outdoor Model No.	Nominal Capacity (Btu)	SEER2 / EER2	HSPF2 / COP	Cooling Range (°F)	Heating Range (°F)	MCA / MOCP	ENERGY STAR	Line Set (Port) Size	Max line length	Max Lift/ Drop OD to ID units	WIFI
LIVO GEN3											
4LIV09HP115V1AO	9K	19.5 / 11.3	8.6 / 3.6	0 - 115	-13 - 75	16 / 20	NO	1/4 x 3/8	66'	39'	Built-In
4LIV12HP115V1AO	12K	17.5 / 8.7	8.5 / 3.5	0 - 115	-13 - 75	20 / 30	NO	1/4 x 3/8	66'	33'	Built-In
4LIV09HP230V1AO	9K	19.5 / 11.3	8.5 / 3.5	0 - 115	-13 - 75	9 / 15	NO	1/4 x 3/8	66'	39'	Built-In
4LIV12HP230V1AO	12K	17 .5 / 8.7	8.5 / 3.5	0 - 115	-13 - 75	11 / 15	NO	1/4 x 3/8	66'	33'	Built-In
4LIV18HP230V1AO	18K	17.5 / 10.1	8.5 / 3.2	0 - 115	-13 - 75	14 / 20	NO	1/4 x 1/2	82'	33'	Built-In
4LIV24HP230V1AO	24K	18 / 11.6	8.5 / 3.4	0 - 122	-13 - 75	15 / 20	NO	1/4 x 5/8	82'	33'	Built-In
4LIV30HP230V1AO	30K	20 / 11.35	8.5 / 3.4	-4 - 115	-13 - 75	20 / 30	NO	1/4 x 5/8	82'	33'	Built-In
4LIV36HP230V1AO	36K	20 / 10.5	8.5 / 3.2	-4 - 115	-13 - 75	23 / 35	NO	1/4 x 5/8	82'	33'	Built-In
VIREO GEN3											
3VIR09HP230V1BO	9K	25.5 / 14.7	10.2 / 3.9	-20 - 122	-22 - 86	10 / 15	YES	1/4 x 3/8	49'	33'	Built-In
3VIR12HP230V1BO	12K	24 / 12.5	9 / 3.8	-20 - 122	-22 - 86	10 / 15	YES	1/4 x 1/2	66'	33'	Built-In
3VIR18HP230V1BO	18K	23.5 / 13	9 / 3.8	-20 - 122	-22 - 86	14 / 20	YES	1/4 x 5/8	82'	33'	Built-In
3VIR24HP230V1BO	24K	24.5 / 13	9.5 / 3.8	-20 - 122	-22 - 86	16 / 25	YES	1/4 x 5/8	131'	82'	Built-In



9k, 12k 18k, 24k

or



12k, 18k, 24k

or



9k, 12k 18k, 24k

or



9k, 12k 18k, 24k

Outdoor Model No.	Nominal Capacity (Btu)	SEER2 / EER2	HSPF2 / COP	Cooling Range (°F)	Heating Range (°F)	MCA / MOCP (INDOOR-NO HEATER)	MCA / MOCP (OUTDOOR)	ENERGY STAR	Line Set (Port) Size	Max line length	Max Lift/ Drop OD to ID units
VIREO+ ULTRA											
VIRU30HP230V1AO	30K	23 / 11.2	10.5 / 3.11	0 - 115	-31 - 75	30 / 50	NO	1/4 x 5/8	165'	100'	Built-In
VIRU36HP230V1AO	36K	23 / 10.25	10.5 / 3.17	0 - 115	-31 - 75	32 / 50	NO	1/4 x 5/8	165'	100'	Built-In
SAPPHIRE											
SAP09HP230V1AO	9K	38 / 16.67	15 / 4.47	0 - 129	-22 - 75	9 / 15	YES	1/4 x 1/2	49'	33'	Built-In
SAP12HP230V1AO	12K	30.5 / 15.3	14 / 3.8	0 - 129	-22 - 75	9 / 15	YES	1/4 x 1/2	98'	49'	Built-In
SAP18HP230V1AO	18K	24.5 / 13.54	12 / 3.52	0 - 129	-22 - 75	22 / 30	YES	1/4 x 5/8	131'	66'	Built-In
SAP24HP230V1AO	24K	21.5 / 13	12 / 3.5	0 - 129	-22 - 75	22 / 35	YES	1/4 x 5/8	164'	98'	Built-In
FLEXX HP											
FLEXX36HP230V1AO	24K	17 / 12	9 / 4	5 - 129	-22 - 75	4 / 15	24 / 35	YES	3/8 x 3/4	164'	100'
	36K	16 / 10	9 / 3	5 - 129	-22 - 75	4 / 15	24 / 35	NO	3/8 x 3/4	164'	100'
FLEXX60HP230V1AO	48K	17 / 11	9 / 3.3	5 - 129	-22 - 75	8 / 15	35 / 45	NO	3/8 x 3/4	100'	50'
	60K	16 / 10	9 / 3..5	5 - 129	-22 - 75	8 / 15	35 / 45	NO	3/8 x 3/4	100'	50'



GET SMART WITH GREE

- Convenience and Comfort
- Voice Control
- Smart Home Integration





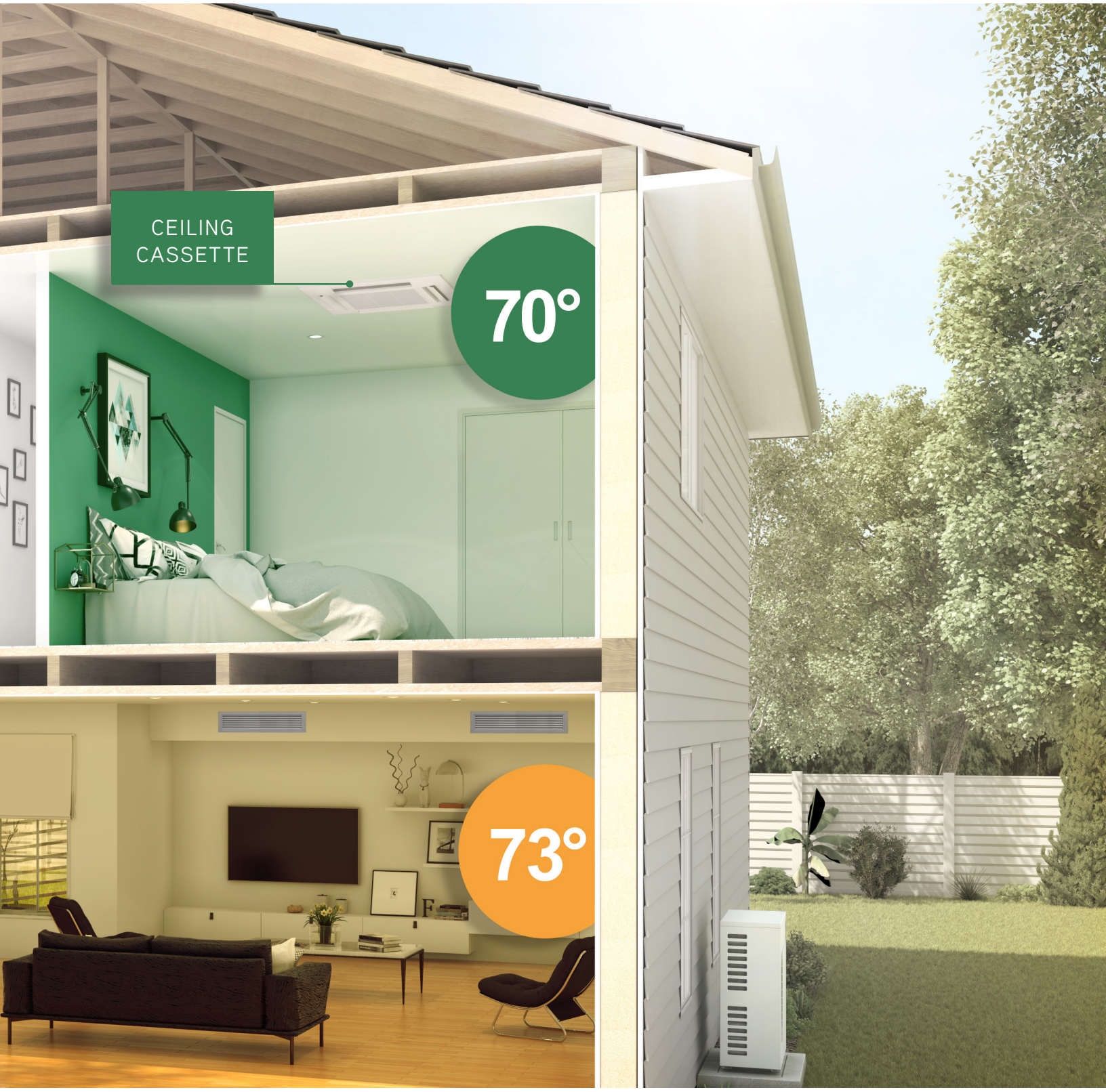
WORKS WITH alexa

works with Hey Google


“Alexa, turn on the
Air Conditioning”

MULTI-ZONE
APPLICATIONS & BENEFITS




CEILING
CASSETTE
70°
73°

GEN2 MULTI

IT ALL **FITS TOGETHER** FOR **COMFORT**



- HIGH EFFICIENCY, UP TO 21 SEER2 / 10 HSPF2
- HEAT AND COOL UP TO 5 ZONES WITH ONE OUTDOOR UNIT
- 5 UNIQUE INDOOR UNIT OPTIONS TO SELECT FROM
- IDEAL FOR RESIDENTIAL AND COMMERCIAL SPACES

21 SEER2 MULTI-ZONE SYSTEM IS HERE.

The highly versatile Multi GEN2 systems, featuring GREE's G10 inverter-driven compressor and eco-friendly R410A refrigerant, are among the most innovative ductless split heat pumps available today. Our advanced G10 Inverter technology gives you maximum efficiency to reduce your energy consumption.

- G10 inverter technology
- High efficiency, up to 21 SEER2 / 10 HSPF2
- Sound levels down to 53 dB(A) on outdoor unit
- Cooling range: -22°F - 118°F
- Heating range: -22°F - 75°F
- Self-diagnosis
- Indoor units powered by outdoor unit.
- Intelligent defrost
- All Indoor units are WiFi capable
- Automatic voltage adaptation
- Small "Foot Print" design



MULTI GEN2		MULTI18HP230V1EO	MULTI24HP230V1EO	MULTI30HP230V1EO	MULTI36HP230V1EO	MULTI42HP230V1EO
System Type				HEAT PUMP		
Number of Zones		2	2 - 3	2 - 4	2 - 4	2 - 5
SYSTEM PERFORMANCE (Non-Ducted Indoor Units)						
Cooling Capacity (Min-Max)	Btu/h	17000 (7000 - 19600)	23200 (7500 - 31400)	28400 (8190 - 34100)	34000 (8871 - 35826)	36000 (8871 - 40944)
Heating Capacity (Min-Max)	Btu/h	18000 (7000 - 19600)	24000 (7500 - 31400)	30000 (8190 - 40900)	36000 (8871 - 44356)	40000 (8871 - 46062)
SEER2 / EER2		21 / 12	21 / 12.5	21 / 12.5	21 / 12	21 / 12
HSPF2 / COP		10 / 3.8	10 / 3.9	10 / 3.9	10 / 3.6	10 / 3.9
Energy Star®		YES	YES	YES	YES	YES
SYSTEM PERFORMANCE (Ducted Indoor Units)						
Cooling Capacity (Min-Max)	Btu/h	17000 (7000 - 19600)	23200 (7500 - 31400)	28400 (8190 - 34100)	34000 (8871 - 35826)	36000 (8871 - 40944)
Heating Capacity (Min-Max)	Btu/h	18000 (7000 - 19600)	24000 (7500 - 31400)	30000 (8190 - 40900)	36000 (8871 - 44356)	40000 (8871 - 46062)
SEER2 / EER2		16 / 11	16 / 11	16 / 11	16 / 11	16 / 11
HSPF2 / COP		8 / 3.3	8 / 3.4	8 / 3.4	8 / 3.3	8 / 3.5
Energy Star®		NO	NO	NO	NO	NO
SYSTEM PERFORMANCE (Mixed Ducted and Non-Ducted Indoor Units)						
Cooling Capacity (Min - Max)	Btu/h	17000 (7000 - 19600)	23200 (7500 - 31400)	28400 (8190 - 34100)	34000 (8871 - 35826)	36000 (8871 - 40944)
Heating Capacity (Min - Max)	Btu/h	18000 (7000 - 19600)	24000 (7500 - 31400)	30000 (8190 - 40900)	36000 (8871 - 44356)	40000 (8871 - 46062)
SEER2 / EER2		18.5 / 11.5	18.5 / 11.8	18.5 / 11.8	18.5 / 11.5	18.5 / 11.5
HSPF2 / COP		9 / 3.6	9 / 3.7	9 / 3.7	9 / 3.5	9 / 3.7
Energy Star®		NO	YES	YES	NO	NO
OUTDOOR UNIT DATA		**MULTI18HP230V1EO**	**MULTI24HP230V1EO**	**MULTI30HP230V1EO**	**MULTI36HP230V1EO**	**MULTI42HP230V1EO**
Cooling Temperature Range	°F	-22 - 118	-22 - 118	-22 - 118	-22 - 118	-22 - 118
Heating Temperature Range	°F	-22 - 75	-22 - 75	-22 - 75	-22 - 75	-22 - 75
Refrigerant Type				R410A		
Compressor Type				GREE G-10 / 2 - STAGE INVERTER		
Sound Pressure Level	dB(A)	53	58	63	63	63
External Dimensions (W x H x D)	in	32 3/8 × 21 11/16 × 13 7/8	38 × 26 × 15 7/8	40 3/16 × 32 9/16 × 16 13/16	40 3/16 × 32 9/16 × 16 13/16	40 3/16 × 32 9/16 × 16 13/16
Package Dimension (W x H x D)	in	34 3/8 × 24 7/16 × 15 11/16	40 5/8 × 29 × 18	43 × 34 7/8 × 19 5/8	43 × 34 7/8 × 19 5/8	43 × 34 7/8 × 19 5/8
Weight (Net / Gross)	lbs	77.2 / 82.7	114.6/ 124.6	152.1 / 167.6	172.0 / 187.4	174.2/ 189.6
REFRIGERANT PIPING						
Refrigerant Charge - R410A	oz	45.9	84.6	105.8	130.5	134
Additional Charge	oz/ft	0.2	0.2	0.2	0.2	0.2
Port Size (Liquid - Gas)	Port A (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port B (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port C (in)		1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port D (in)			1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port E (in)					1/4 - 3/8
Pre-Charge Length	ft	33	98	131	131	164
Pipe Length (Min - Max)	ft	10 - 131	10 - 197	10 - 263	10 - 263	10 - 328
Pipe Length to furthest Indoor Unit	ft	66	66	82	82	82
Max. Pipe Elevation	ft	49	49	82	82	82
ELECTRICAL						
Power Supply				208-230V / 1Ph / 60Hz		
Voltage Range (Min - Max)	VAC			187 - 253		
Rated Current - Cooling	A	10	15	22	23	23
Rated Current - Heating	A	10	15	22	23	23
MCA	A	15	19	23	29	29
MOCP	A	20	25	35	45	45
Main Power Wire Size	AWG			Per Local Code		
Interconnecting Wire Size	AWG			14 / 4		
LIMITED WARRANTY		**5 Years Parts, 7 Years Compressor – Residential & Commercial**				

MULTI+ ULTRA

ULTRA HEATING & COOLING POWER



- HIGH EFFICIENCY, UP TO 20 SEER2 / 10 HSPF2
- IDEAL FOR HARSH CLIMATES: -31˚F - 115˚F
- CONNECT UP TO 5 INDOOR UNITS (ZONES) TO OUTDOOR SYSTEM
- 5 UNIQUE OPTIONS FOR INDOOR UNIT

OPTIMAL PERFORMANCE IN THE MOST CHALLENGING CLIMATES... -31˚F - 115˚F.

The Multi+ ULTRA heat pump units provide ULTRA heating & cooling powered by the "unique to GREE" 2 stage / 3 cylinder variable speed compressor. Each outdoor coil has corrosion-resistant, acrylic resin coil coating to maintain energy efficiency in the harshest climates.

- Sound levels down to 58 dB(A) on outdoor unit
- Up to 5 unique indoor units
- Cooling range: 0˚F - 115˚F
- Heating range: -31˚F - 75˚F





MULTI+ ULTRA		MULTIU18HP230V1DO	MULTIU24HP230V1DO	MULTIU36HP230V1DO	MULTIU42HP230V1DO
System Type			HEAT PUMP		
Number of Zones		2	2 - 3	2 - 4	2 - 5
SYSTEM PERFORMANCE (Non-Ducted Indoor Units)					
Cooling Capacity (Min-Max)	Btu/h	18000 (6998 - 21001)	22000 (7500 - 30000)	36000 (8871 - 40000)	42000 (8871 - 42991)
Heating Capacity (Min-Max)	Btu/h	21000 (7000 - 26000)	26000 (7500 - 31000)	36000 (8871 - 42514)	42000 (8871 - 46062)
SEER2 / EER2		20 / 12	20 / 12	16 / 9	16 / 9
HSPF2 / COP		10 / 3.6	10 / 3.9	8.6 / 3.5	8.6 / 3.7
Energy Star®		YES	YES	NO	NO
SYSTEM PERFORMANCE (Ducted Indoor Units)					
Cooling Capacity (Min-Max)	Btu/h	17000 (7000 - 19600)	23200 (7500 - 31400)	34000 (8871 - 35826)	36000 (8871 - 40944)
Heating Capacity (Min-Max)	Btu/h	18000 (7000 - 19600)	24000 (7500 - 31400)	36000 (8871 - 44356)	40000 (8871 - 46062)
SEER2 / EER2		14.5 / 8.5	14.5 / 8.5	14.5 / 8	14.5 / 8
HSPF2 / COP		7.8 / 2.7	7.8 / 2.9	7.6 / 3.4	7.6 / 3.4
Energy Star®		NO	NO	NO	NO
SYSTEM PERFORMANCE (Mixed Ducted and Non-Ducted Indoor Units)					
Cooling Capacity (Min - Max)	Btu/h	17000 (7000 - 19600)	23200 (7500 - 31400)	34000 (8871 - 35826)	36000 (8871 - 40944)
Heating Capacity (Min - Max)	Btu/h	18000 (7000 - 19600)	24000 (7500 - 31400)	36000 (8871 - 44356)	40000 (8871 - 46062)
SEER2 / EER2		18 / 10.5	18 / 10.5	15 / 8.3	15 / 8.3
HSPF2 / COP		8.6 / 3.2	8.6 / 3.4	8 / 3.5	8 / 3.5
Energy Star®		NO	NO	NO	NO
OUTDOOR UNIT		**MULTIU18HP230V1DO**	**MULTIU24HP230V1DO**	**MULTIU36HP230V1DO**	**MULTIU42HP230V1DO**
Cooling Temperature Range	°F	0 - 115	0 - 115	0 - 115	0 - 115
Heating Temperature Range	°F	-31 - 75	-31 - 75	-31 - 75	-31 - 75
Refrigerant Type			R410A		
Compressor Type			GREE G-10 / 2 - STAGE INVERTER		
Sound Pressure Level	dB(A)	58	60	62	62
External Dimensions (W x H x D)	in	37 5/8 × 27 5/8 × 15 5/8	38 5/8 × 31 1/8 × 16 13/16	42 13/16 × 43 7/16 × 17 5/16	42 13/16 × 43 7/16 × 17 5/16
Package Dimension (W x H x D)	in	40 7/16 x 28 7/8 x 17 7/8	42 1/2 x 33 1/8 x 19 1/8	45 1/2 x 45 1/2 x 18 7/8	45 1/2 x 45 1/2 x 18 7/8
Weight (Net / Gross)	lbs	172 / 183	174 / 185	280 / 298	282 / 300
REFRIGERANT PIPING					
Refrigerant Charge - R410A	oz	77.6	95.2	158.7	176.3
Additional Charge	oz/ft	0.2	0.2	0.2	0.2
Port Size (Liquid - Gas)	Port A (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port B (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port C (in)		1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port D (in)			1/4 - 3/8	1/4 - 3/8
	Port E (in)				1/4 - 3/8
Pre-Charge Length	ft	66	98	131	131
Pipe Length (Min / Max)	ft	10 / 164	10 / 230	10 / 246	10 / 246
Pipe Length to furthest Indoor Unit	ft	82	82	82	82
Max. Pipe Elevation	ft	26	49	49	49
ELECTRICAL					
Power Supply			208-230V / 1Ph / 60Hz		
Voltage Range (Min - Max)	VAC		187 - 253		
Rated Current Cooling	A	22	26	32	32
Rated Current Heating	A	22	26	32	32
MCA	A	20	23	36	38
MOCP	A	35	40	60	60
Main Power Wire Size	AWG		Per Local Code		
Interconnecting Wire Size	AWG		14 / 4		
LIMITED WARRANTY			**5 Years Parts, 7 Years Compressor – Residential & Commercial**		

INDOOR UNIT OPTIONS FOR ALL **MULTI-ZONE SYSTEMS**

WALL MOUNTS

Check outdoor unit match-ups for SEER2 / EER2 / HSPF2 / COP ratings



The Sapphire, the smart ductless wall mount unit. Slim compact design hangs inconspicuously on the wall and mixes with most interior designs. Built-in Universal technology WIFI allows control from any smartphone with the GREE+ smart app.

sapphire

- Built-in WIFI
- Smartphone interface
- Quiet down to 19 dB(A)
- Multiple fan speeds
- Precise airflow control
- Swing louver control
- I-Feel function
- Remote & wired controller options



The Vireo GEN3 ductless wall mount has a compact design that blends well with any decor, the perfect option for your home or office needs.

Vireo GEN 3

- Multiple fan speeds
- Auto Clean function
- Swing louver control
- Precise airflow control
- Built-in WIFI
- Automatic voltage adaption
- I-Feel function
- Remote & wired controller options



*Size 09-24K, refer to the submittals for 30-36K images.

The Livo GEN4 ductless wall mount has a compact design, for quiet comfort and attractive appearance. You can count on consistent comfort from the Livo GEN4.

livo GEN 4

- Multiple fan speeds
- Auto Clean function
- Swing louver control
- LED display settings
- Sleep function
- Built-in WIFI
- Timer function
- Privacy lock mode
- Remote & wired controller options

SAPPHIRE WALL MOUNT

MODEL		SAP09HP230V1AH	SAP12HP230V1AH	SAP18HP230V1AH	SAP24HP230V1AH
System Type			HEAT PUMP		
Cooling Capacity - Nominal	Btu/h	9000	12000	18000	22000
Heating Capacity - Nominal	Btu/h	9000	12200	18000	24000
Energy Star®			Check Outdoor Unit Match-ups for Energy Star Qualification		
Air Flow (Min-Max)	CFM	206 - 424	235 - 500	353 - 736	383 - 824
Sound Pressure Level (Cooling / Heating)	dB(A)	19 - 46 / 19 - 46	22 - 49 / 22 - 49	34 - 51 / 34 - 51	27 - 54 / 37 - 55
Dehumidification	pt/hr	1.69	2.96	3.8	4.23
Condensate Drain Size	in	5/8	5/8	5/8	5/8
Unit Dimension (WxHxD)	in	39 7/8 x 12 1/8 x 8 3/4	39 7/8 x 12 1/8 x 8 3/4	44 3/16 × 13 × 9 13/16	44 3/16 × 13 × 9 13/16
Package Dimension (WxHxD)	in	42 7/16 × 14 13/16 x 11 13/16	42 7/16 × 14 13/16 x 11 13/16	46 7/8 x 16 × 13 3/16	46 7/8 x 16 × 13 3/16
Weight (Net / Gross)	lbs	29.8 / 36.4	29.8 / 36.4	36.4 / 44.1	35.3 / 41.9
Line Set Size (Liquid - Gas)	in	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		
LIMITED WARRANTY			**5 Years Parts, 7 Years Compressor – Residential & Commercial**		

VIREO GEN3 WALL MOUNT

MODEL		3VIR09HP230V1AH & BH[1]	3VIR12HP230V1AH & BH[1]	3VIR18HP230V1AH & BH[1]	3VIR24HP230V1AH & BH[1]
System Type			HEAT PUMP		
Cooling Capacity - Nominal	Btu/h	9100	12000	18000	22000
Heating Capacity - Nominal	Btu/h	11000	12000	18000	24000
Energy Star®			Check Outdoor Unit Match-ups for Energy Star Qualification		
Air Flow (Min-Max)	CFM	194 - 353	230 - 400	353 - 618	400 - 824
Sound Pressure Level (Min-Max)	dB(A)	25 - 40	27 - 43	31 - 46	35 - 53
Dehumidification	pt/hr	1.70	3	3.8	5.1
Condensate Drain Size (OD)	in	5 / 8	5 / 8	5 / 8	5 / 8
Unit Dimension (WxHxD)	in	32 1/2 x 11 1/2 x 7 3/4	32 1/2 x 11 1/2 x 7 3/4	38 5/8 x 12 1/4 x 8 3/4	42 5/8 x 13 1/8 x 9 3/4
Package Dimension (WxHxD)	in	34 1/4 x 13 3/4 x 10 1/8	34 1/4 x 13 3/4 x 10 1/8	40 7/8 x 14 7/8 x 11 5/16	44 7/16 x 16 x 12 3/4
Weight (Net / Gross)	lbs	21 / 25.4	21 / 25.4	30 / 35.3	35.3 / 42
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		
LIMITED WARRANTY			**5 Years Parts, 7 Years Compressor – Residential & Commercial**		

[1] AH=MATT FINISH AND BH=SMOOTH FINISH

LIVO GEN4 WALL MOUNT

MODEL		4LIV05HP230V1AH	4LIV07HP230V1AH	4LIV09HP230V1AH	4LIV12HP230V1AH	4LIV18HP230V1AH	4LIV24HP230V1AH
System Type				HEAT PUMP			
Cooling Capacity - Nominal	Btu/h	5000	7000	9100	12000	17600	22000
Heating Capacity - Nominal	Btu/h	6000	8000	10000	12000	19100	24000
Energy Star®				Check Outdoor Unit Match-ups for Energy Star Qualification			
Air Flow (Min-Max)	CFM	123 - 247	135 - 258	159 - 353	182 - 424	283 - 618	412 - 677
Sound Pressure Level (Min-Max)	dB(A)	24 - 38	24 - 39	26 - 41	27 - 47	32 - 50	36 - 51
Dehumidification	pt/hr	0.63	1.27	1.69	2.96	3.8	5.28
Condensate Drain Size	in	5/8	5/8	5/8	5/8	5/8	5/8
Unit Dimension (WxHxD)	in	27 7/8 × 10 1/4 × 7 5/6	27 7/8 × 10 1/4 × 7 5/16	32 7/8 × 10 7/8 × 7 7/8	32 7/8 × 10 7/8 × 7 7/8	37 1/8 × 13 1/8 ×9 11/16	42 7/16 × 13 1/8 × 9 11/16
Package Dimension (WxHxD)	in	29 5/8 × 13 1/16 × 10 3/16	29 5/8 × 13 1/16 × 10 3/16	35 1/4 × 13 5/8 × 10 11/16	35 1/4 × 13 5/8 × 10 11/16	39 7/16 × 15 15/16 × 12 11/16	44 5/8 × 16 5/16 × 13 1/8
Weight (Net / Gross)	lbs	15.4 / 18.7	15.4 / 18.7	19.8 / 24.3	19.8 / 24.3	28.7 / 34.2	33.1 / 39.7
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8
Power Supply				208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			
LIMITED WARRANTY				**5 Years Parts, 7 Years Compressor – Residential & Commercial**			

INDOOR UNIT OPTIONS FOR ALL **MULTI-ZONE SYSTEMS** (CONTINUED)

CEILING CASSETTE & FLOOR/CEILING

Check outdoor unit match-ups for SEER2 / EER2 / HSPF2 / COP ratings

CEILING CASSETTE

GREE's ceiling cassette will inconspicuously provide quiet performance through innovative design. The ceiling cassette is suitable for any room and can be easily installed in a suspended ceiling with only a discreet decorative discharge grille visible.



- 4-Way discharge air
- Multiple fan speeds
- Swing louver control
- Automatic voltage adaption
- Internal condensate drain pump
- Sentry float switch
- Decorative discharge air grille (sold separately)
- Remote & wired controller options

UNIVERSAL FLOOR/CEILING

Our universal floor/ceiling indoor units are designed to be suspended from a ceiling or mounted low on a wall. The slender and lightweight design is perfect for restaurants or hallways where wall space is limited.



- 4-Way discharge air
- Multiple fan speeds
- Sleep function
- Swing louver control
- Washable, polymeric air filters
- Privacy lock mode
- Automatic voltage adaption
- Remote & wired controller options

MINI FLOOR CONSOLE

GREE's Mini Console indoor units are aesthetically pleasing and the perfect size for any room. It can be mounted as low as six inches above the floor and has front panel access to the filter for ease of cleaning.



- 4-Way discharge air
- Multiple fan speeds
- Comfortable sleep mode
- Swing louver
- Cleanable air filter
- Dry coil mode for anti-mildew protection
- IR remote control included

CEILING CASSETTE

MODEL		CAS12HP230V1BC	CAS18HP230V1BC	CAS24HP230V1BC
System Type			HEAT PUMP	
Cooling Capacity - Nominal	Btu/h	12000	18000	22000
Heating Capacity - Nominal	Btu/h	12000	18200	24000
Energy Star®			Check Outdoor Unit Match-ups for Energy Star Qualification	
Air Flow (Min-Max)	CFM	265 - 383	265 - 418	518 - 753
Sound Pressure Level	dB(A)	34 - 44	35 - 47	36 - 47
Dehumidification	pt/hr	2.96	3.80	5.3
Condensate Drain Size (OD)	in	1	1	1
Unit Dimension (WxHxD)	in	23 1/2 x 9 1/2 x 23 1/2	23 1/2 x 9 1/2 x 23 1/2	33 x 9 1/2 x 33
Package Dimension (WxHxD)	in	30 1/2 x 11 1/4 x 29	30 1/2 x 11 1/4 x 29	37 1/2 x 12 1/8 x 37 1/2
Weight (Net / Gross)	lbs	44 / 53	44 / 53	57.3 / 70.5
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)	
LIMITED WARRANTY			**5 Years Parts, 7 Years Compressor – Residential & Commercial**	
CASSETTE GRILLE (Required)		**CASGRILLEBSM**	**CASGRILLEBSM**	**CASGRILLEBLG**
Grille Dimension (WxHxD)	in	26 3/8 x 2 x 26 3/8	26 3/8 x 2 x 26 3/8	37 7/16 x 2 3/8 x 37 7/16
Package Dimension (WxHxD)	in	30 X 3 1/2 X 30	30 X 3 1/2 X 30	40 1/2 x 4 5/8 x 40 3/4
Weight (Net / Gross)	lbs	7.7 / 11	7.7 / 11	15.4 / 24.25

UNIVERSAL FLOOR/CEILING

MODEL		FLR09HP230V1BF	FLR12HP230V1BF	FLR18HP230V1BF	FLR24HP230V1BF
System Type			HEAT PUMP		
Cooling Capacity - Nominal	Btu/h	9100	12000	18000	22000
Heating Capacity - Nominal	Btu/h	11000	12000	18200	24000
Energy Star®			Check Outdoor Unit Match-ups for Energy Star Qualification		
Air Flow (Min-Max)	CFM	257 - 412	257 - 412	241 - 400	424 - 560
Sound Pressure Level (Min-Max)	dB(A)	26 - 38	26 - 38	27 - 38	27 - 38
Dehumidification	pt/hr	1.7	3	3.8	5.3
Condensate Drain Size	in	11/16	11/16	11/16	11/16
Unit Dimension (WxHxD)	in	34 1/4 x 26 1/4 x 9 1/4	34 1/4 x 26 1/4 x 9 1/4	34 1/4 x 26 1/4 x 9 1/4	47 1/4 x 26 1/4 x 9 1/4
Package Dimension (WxHxD)	in	40 1/2 x 30 1/4 x 11 1/4	40 1/2 x 30 1/4 x 11 1/4	40 1/2 x 30 1/4 x 11 1/4	53 1/2 x 30 1/4 x 11 1/4
Weight (Net / Gross)	lbs	55 / 66.2	55 / 66.2	66.3 / 67.3	72.8 / 88.2
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		
LIMITED WARRANTY			**5 Years Parts, 7 Years Compressor – Residential & Commercial**		

MINI FLOOR CONSOLE

MODEL		CONS09HP230V1AF	CONS12HP230V1AF	CONS18HP230V1AF
System Type			HEAT PUMP	
Cooling Capacity - Nominal	Btu/h	9000	12000	18000
Heating Capacity - Nominal	Btu/h	9500	13000	19800
Energy Star®			Check Outdoor Unit Match-ups for Energy Star Qualification	
Air Flow (Min-Max)	CFM	188 - 383	206 - 441	241 - 494
Sound Pressure Level	dB(A)	25 - 40	27 - 43	33 - 48
Dehumidification	pt/hr	1.69	2.96	3.8
Condensate Drain Size	in	1 1/8	1 1/8	1 1/8
Unit Dimension (WxHxD)	in	27 9/16 x 23 5/8 x 8 1/2	27 9/16 x 23 5/8 x 8 1/2	27 9/16 x 23 5/8 x 8 1/2
Package Dimension (WxHxD)	in	31 x 27 3/8 x 11 1/8	31 x 27 3/8 x 11 1/8	31 x 27 3/8 x 11 1/8
Weight (Net / Gross)	lbs	33 / 39.7	33 / 39.7	33 / 39.7
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)	
LIMITED WARRANTY			**5 Years Parts, 7 Years Compressor – Residential & Commercial**	

INDOOR UNIT OPTIONS FOR ALL **MULTI-ZONE SYSTEMS** (CONTINUED)

SLIM DUCT

Check outdoor unit match-ups for SEER2 / EER2 / HSPF2 / COP ratings

SLIM DUCT

Compact and powerful, the high static slim duct offers the ultimate in flexibility and discretion. Concealed above a suspended ceiling or within open closet spaces to deliver conditioned air via extended ducting and suitable ceiling or wall grilles.

MODEL		DUCT09HP230V1BD	DUCT12HP230V1BD	DUCT18HP230V1BD	DUCT24HP230V1BD
System Type		HEAT PUMP			
Cooling Capacity - Nominal	Btu/h	9000	12000	18000	24000
Heating Capacity - Nominal	Btu/h	9500	13000	19000	27000
Energy Star®		NO			
Air Flow (Min-Max)	CFM	188 - 354	212 / 353	288 / 589	406 / 736
External Static Pressure	In W.c.	0.6	0.6	0.8	0.8
Sound Pressure Level	dB(A)	25 - 36	26 - 38	26 - 39	28 - 42
Dehumidification	pt/hr	1.69	2.96	3.8	5.28
Condensate Drain Size	in	1 1/8	1 1/8	1 1/8	1 1/8
Unit Dimension (WxHxD)	in	32 3/4 x 11 7/8 x 29 3/4	32 3/4 x 11 7/8 x 29 3/4	44 1/2 x 11 7/8 x 29 3/4	44 1/2 x 11 7/8 x 29 3/4
Package Dimension (WxHxD)	in	35 1/4 x 13 5/8 x 31 3/4	35 1/4 x 13 5/8 x 31 3/4	47 5/16 x 13 5/8 x 32	47 5/16 x 13 5/8 x 32
Weight (Net / Gross)	lbs	70.5 / 83.8	70.5 / 83.8	92.6 / 107	92.6 / 107
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8
Power Supply		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			
LIMITED WARRANTY		**5 Years Parts, 7 Years Compressor – Residential & Commercial**			



- High static pressure capability
- Slim line construction
- Outside air capability
- Cleanable air filter
- Internal condensate pump
- Sentry float switch
- Remote & wired controller options
- I-Feel function

RATED COMBINATIONS

MODEL NUMBER	TWO UNITS	THREE UNITS	FOUR UNITS	FIVE UNITS
MULTI18HP230V1EO MULTIU18HP230V1DO	9+9 9+12 12+12			
MULTI24HP230V1EO MULTIU24HP230V1DO	ABOVE SIZES PLUS: 9+18 12+18 18+18	 9+9+9 9+9+12 9+9+18 9+12+12 12+12+12		
MULTI30HP230V1EO	ABOVE SIZES PLUS: 9+24 12+24 18+24	ABOVE SIZES PLUS: 9+9+24 9+12+18 12+12+18	 9+9+9+9 9+9+9+12 9+9+9+18 9+9+12+12	
MULTI36HP230V1EO MULTIU36HP230V1DO	ABOVE SIZES PLUS: 9+24 12+24 18+24 24+24	ABOVE SIZES PLUS: 9+9+24 9+12+24 9+18+18 9+18+24 12+12+24 12+18+18 12+18+24 18+18+18	ABOVE SIZES PLUS: 9+9+9+24 9+9+12+18 9+9+12+24 9+9+18+18 9+12+12+12 9+12+12+18 12+12+12+12 12+12+12+18	
MULTI42HP230V1EO MULTIU42HP230V1DO	ALL THE ABOVE SIZES	ABOVE SIZES PLUS: 9+24+24 12+24+24 18+18+24	ABOVE SIZES PLUS: 9+9+18+24 9+12+12+24 9+12+18+18 9+12+18+24 9+18+18+18 12+12+12+24 12+12+18+18	 9+9+9+9+9 9+9+9+9+12 9+9+9+9+18 9+9+9+9+24 9+9+9+12+12 9+9+9+12+18 9+9+9+12+24 9+9+9+18+18 9+9+12+12+12 9+9+12+12+18 9+12+12+12+12 9+12+12+12+18 12+12+12+12+12 9+9+12+12+18 9+12+12+12+12 9+12+12+12+18 12+12+12+12+12

Note: You may substitue the 9K unit with a 5K or 7K High Wall unit.



CONTROLS & ACCESSORIES
QUICK REFERENCE GUIDE

REMOTE CONTROLLERS

CONTROLLER	COMPATIBLE WITH	MODEL NUMBER	PART NUMBER	KEYPAD FEATURES & FUNCTIONS													
				POWER (ON/OFF)	MODE (+/-)	CLOCK	I-FEEL	WIFI	TIMER (ON/OFF)	FAN	TURBO	X-FAN	LIGHT	TEMP	QUIET	SLEEP	FRESH AIR
	**SINGLE-ZONE** LIVO SERIES VIREO SERIES UNIVERSAL FLOOR / CEILING CEILING CASSETTE SLIM DUCT SERIES MINI FLOOR CONSOLE	YAP1FB2F	305001000121	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	
	**SINGLE-ZONE** SAPPHIRE	YAG1FB2	30510138	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓	
	**SINGLE-ZONE** LIVO LIVO+ LIVO GEN3 VIREO VIREO+ VIREO+ ULTRA	YAN1F1F	30510475	✓	✓		✓	✓	✓	✓	✓					✓	
		YAN1F10F	305001060022	✓	✓	✓	✓	✓	✓	✓	✓					✓	
		YAN1F6F	305001000085	✓	✓	✓	✓	✓	✓	✓	✓					✓	
	**MULTI-ZONE** CEILING CASSETTE UNIVERSAL FLOOR / CEILING SLIM DUCT SERIES	YT1F	305100491	✓	✓		✓	✓	✓	✓	✓	✓			✓	✓	✓
	**U-MATCH & U-MATCH+** CEILING CASSETTE UNIVERSAL FLOOR / CEILING SLIM DUCT SERIES	YB1FA	30510516	✓	✓		✓	✓	✓	✓	✓	✓			✓	✓	

WIRED CONTROLLERS

CONTROLLER	COMPATIBLE WITH	MODEL NUMBER	PART NUMBER	KEYPAD FEATURES & FUNCTIONS									
				ENTER / CANCEL	FUNCTION	FAN	TIMER	MODE (+/-)	POWER (ON/OFF)	SWING	MENU/OK	IR RECIEVER	WIFI
	**SINGLE & MULTI-ZONE** LIVO SERIES VIREO SERIES SAPPHIRE UNIVERSAL FLOOR / CEILING CEILING CASSETTE SLIM DUCT	XE71	MC20700970	✓	✓	✓	✓	✓	✓	✓		✓	
	**WIFI CONTROLLER** CEILING CASSETTE UNIVERSAL FLOOR / CEILING SLIM DUCT (For use with both A and B series models)	XE72	MC20701210	✓	✓	✓	✓	✓	✓	✓		✓	✓
	**SINGLE & MULTI-ZONE** LIVO SERIES VIREO SERIES SAPPHIRE CEILING CASSETTE UNIVERSAL FLOOR / CEILING SLIM DUCT	XK76	MC20700360	✓	✓	✓		✓	✓	✓	✓	✓	
	**U-MATCH & U-MATCH+** CEILING CASSETTE UNIVERSAL FLOOR / CEILING SLIM DUCT	XK60	MC20700550	✓	✓	✓	✓	✓	✓			✓	
	**MULTI-ZONE** CEILING CASSETTE UNIVERSAL FLOOR / CEILING SLIM DUCT	XK19	MC20700140	✓	✓	✓		✓	✓	✓		✓	

MULTI-ZONE
QUICK REFERENCE GUIDE

OUTDOOR UNITS

Outdoor Model No.	Nominal Capacity (Btu)	Zones	SEER2 / EER2	HSPF2 / COP	Cooling Range (˚F)	Heating Range (˚F)	Initial Unit Charge	Max Pipe length	Max length to indoor unit	Max Lift/Drop OD to ID units	MCA / MCOP	Min AWG
MULTI GEN2												
MULTI18HP230V1EO	18K	2	21 / 12	10 / 3.8	22 - 118	-22 - 75	33'	131'	66'	49'	15 / 20	14
MULTI24HP230V1EO	24K	2 - 3	21 / 12.5	10 / 3.9	22 - 118	-22 - 75	98'	197'	66'	49'	19 / 25	12
MULTI30HP230V1EO	30K	2 - 4	21 / 12.5	10 / 3.9	22 - 118	-22 - 75	131'	263'	82'	82'	23 / 35	10
MULTI36HP230V1EO	36K	2 - 4	21 / 12	10 / 3.6	22 - 118	-22 - 75	131'	263'	82'	82'	29 / 45	10
MULTI42HP230V1EO	42K	2 - 5	21 / 12	10 / 3.6	22 - 118	-22 - 75	164'	328'	82'	82'	24 / 40	10
MULTI+ ULTRA FOR EXTREME EONDITIONS & HIGH EFFICIENCY												
MULTIU18HP230V1DO	18K	2	20 / 12	10 / 3.6	0 - 115	-31 - 75	66'	164'	82'	26'	20 / 35	10
MULTIU24HP230V1DO	24K	2 - 3	20 / 12	10 / 3.9	0 - 115	-31 - 75	98'	230'	82'	49'	23 / 40	10
MULTIU36HP230V1DO	36K	2 - 4	16 / 9	8.6 / 3.5	0 - 115	-31 - 75	131'	246'	82'	49'	36 / 60	8
MULTIU42HP230V1DO	42K	2 - 5	16 / 9	8.6 / 3.7	0 - 115	-31 - 75	131'	246'	82'	49'	36 / 60	8

INDOOR UNITS

Indoor Model No.	Nominal Capacity (Btu)	Line Set (Port) Size
LIVO GEN4		
4LIV05HP230V1AH	5K	1/4 x 3/8
4LIV07HP230V1AH	7K	1/4 x 3/8
4LIV09HP230V1AH	9K	1/4 x 3/8
4LIV12HP230V1AH	12K	1/4 x 3/8
4LIV18HP230V1AH	18K	1/4 x 1/2
4LIV24HP230V1AH	24K	1/4 x 5/8
VIREO GEN3[2]		
3VIR09HP230V1AH & BH[2]	9K	1/4 x 3/8
3VIR12HP230V1AH & BH[2]	12K	1/4 x 1/2
3VIR18HP230V1AH & BH[2]	18K	1/4 x 5/8
3VIR24HP230V1AH & BH[2]	24K	1/4 x 5/8

Indoor Model No.	Nominal Capacity (Btu)	Line Set (Port) Size
SAPPHIRE		
SAP09HP230V1AH	9K	1/4 x 1/2
SAP12HP230V1AH	12K	1/4 x 1/2
SAP18HP230V1AH	18K	1/4 x 5/8
SAP24HP230V1AH	24K	1/4 x 5/8
CASSETTE[1]		
CAS12HP230V1BC	12K	1/4 x 3/8
CAS18HP230V1BC	18K	1/4 x 1/2
CAS24HP230V1BC	24K	3/8 x 5/8
[1]CASGRILLEBSM	12K & 18K	
[1]CASGRILLEBLG	24K	

Indoor Model No.	Nominal Capacity (Btu)	Line Set (Port) Size
FLOOR/CEILING		
FLR09HP230V1BF	9K	1/4 x 3/8
FLR12HP230V1BF	12K	1/4 x 1/2
FLR18HP230V1BF	18K	1/4 x 1/2
FLR24HP230V1BF	24K	3/8 x 5/8
MINI CONSOLE		
CONS09HP230V1AF	9K	1/4 x 3/8
CONS12HP230V1AF	12K	1/4 x 3/8
CONS18HP230V1AF	18K	1/4 x 1/2

Indoor Model No.	Nominal Capacity (Btu)	Line Set (Port) Size	E.S.P
SLIM DUCT			
DUCT09HP230V1BD	9K	1/4 x 3/8	0 - .6
DUCT12HP230V1BD	12K	1/4 x 1/2	0 - .6
DUCT18HP230V1BD	18K	3/8 x 5/8	0 - .8
DUCT24HP230V1BD	24K	3/8 x 5/8	0 - .8

[1] DECORATIVE CASSETTE GRILLE IS REQUIRED
[2] AH=MATT FINISH AND BH=SMOOTH FINISH

GLOSSARY

AWG: Main Power Wire Size

MCA: Min Circuit Amps

MOCP: Max Over Current Protection (Amps)

E.S.P.: External Static Pressure

NOTES

ELECTRICAL & COMMUNICATION

- System must be on a single dedicated circuit
- Main power is supplied to the outdoor unit
- Follow all local building codes and NEC regulations
- Interconnecting Cable recommendation: 14/4 AWG stranded copper conductors, THHN 600V unshielded wire
- Use shielded cable if installation is in close proximity to RF and EMI transmitting devices

SYSTEM EFFICIENCY RATINGS

- Check AHRI Documents for SEER/EER/HSPF Ratings

LINE SETS

- Minimum length to indoor unit: 10’
- Line Sets are sized to indoor unit port sizes
- See submittal for line set adapters included with outdoor unit, additional field supplied adapters may be required

WIRED & REMOTE CONTROLLERS

- Wireless Remote Controller included with all models
- Wired Controller optional on Livo GEN4, Vireo GEN3 and Sapphire
- WIFI enabled for Sapphire, Vireo GEN3 and Livo GEN4
- XE72 WIFI wired controller is included with Slim Duct, Floor/Ceiling, Cassette

INSTALL

- Wind baffle not required for outdoor units



MULTI-ZONE
COMPATIBILITY CHART



WALL MOUNT OPTIONS

	MULTI GEN2					MULTI+ ULTRA			
	MULTI18HP230V1EO	MULTI24HP230V1EO	MULTI30HP230V1EO	MULTI36HP230V1EO	MULTI42HP230V1EO	MULTIU18HP230V1DO	MULTIU24HP230V1DO	MULTIU36HP230V1DO	MULTIU42HP230V1DO
LIVO GEN3									
System Model no.									
LIVV09HP230V1AH	•	•	•	•	•	•	•	•	•
LIVV12HP230V1AH	•	•	•	•	•	•	•	•	•
LIVV18HP230V1AH		•	•	•	•		•	•	•
LIVV24HP230V1AH			•	•	•			•	•
LIVV30HP230V1AH									
LIVV36HP230V1AH									
LIVO GEN4									
System Model no.									
4LIV05HP230V1AH	•	•	•	•	•				
4LIV07HP230V1AH	•	•	•	•	•				
4LIV09HP230V1AH	•	•	•	•	•	•	•	•	•
4LIV12HP230V1AH	•	•	•	•	•	•	•	•	•
4LIV18HP230V1AH		•	•	•	•		•	•	•
4LIV24HP230V1AH			•	•	•			•	•
4LIV30HP230V1AH									
4LIV36HP230V1AH									
VIREO GEN3									
System Model no.									
3VIR09HP230V1AH & BH	•	•	•	•	•	•	•	•	•
3VIR12HP230V1AH & BH	•	•	•	•	•	•	•	•	•
3VIR18HP230V1AH & BH		•	•	•	•		•	•	•
3VIR24HP230V1AH & BH			•	•	•			•	•
VIREO+ ULTRA									
System Model no.									
VIRU30HP230V1AH									
VIRU36HP230V1AH									
SAPPHIRE									
System Model no.									
SAP09HP230V1AH	•	•	•	•	•	•	•	•	•
SAP12HP230V1AH	•	•	•	•	•	•	•	•	•
SAP18HP230V1AH		•	•	•	•		•	•	•
SAP24HP230V1AH				•	•			•	•

ADDITIONAL INDOOR UNIT OPTIONS



	MULTI GEN2					MULTI+ ULTRA			
	MULTI18HP230V1EO	MULTI24HP230V1EO	MULTI30HP230V1EO	MULTI36HP230V1EO	MULTI42HP230V1EO	MULTIU18HP230V1D	MULTIU24HP230V1D	MULTIU36HP230V1D	MULTIU42HP230V1D
HIGH STATIC CONCEALED SLIM DUCT									
System Model no.									
DUCT09HP230V1BD	•	•	•	•	•	•	•	•	•
DUCT12HP230V1BD	•	•	•	•	•	•	•	•	•
DUCT18HP230V1BD		•	•	•	•		•	•	•
DUCT24HP230V1BD			•	•	•			•	•
CEILING CASSETTE									
System Model no.									
CAS12HP230V1BC	•	•	•	•	•	•	•	•	•
CAS18HP230V1BC		•	•	•	•		•	•	•
CAS24HP230V1BC			•	•	•			•	•
FLOOR / CEILING									
System Model no.									
FLR09HP230V1BF	•	•	•	•	•	•	•	•	•
FLR12HP230V1BF	•	•	•	•	•	•	•	•	•
FLR18HP230V1BF		•	•	•	•		•	•	•
FLR24HP230V1BF			•	•	•			•	•
MINI-CONSOLE									
System Model no.									
CONS09HP230V1AF	•	•	•	•	•	•	•	•	•
CONS12HP230V1AF	•	•	•	•	•	•	•	•	•
CONS18HP230V1AF		•	•	•	•		•	•	•

NOTE:
All indoor units listed above are backward compatible with MULTI AO, BO, & CO models and MULTIU BO models. However, 4LIV05HP230V1AH & 4LIV07HP230V1AH are only backward compatible with MULTI CO models.

MULTIPRO

YOUR COMPLETE **COMFORT SOLUTION**



- DC INVERTER-DRIVEN TECHNOLOGY
- SMART TEMPERATURE CONTROL
- COOLING UP TO 129˚F
- HEATING DOWN TO -22˚F
- IDEAL FOR RESIDENTIAL AND COMMERCIAL SPACES

THE MULTIPRO FOR THE ULTIMATE IN COMFORT & FLEXIBILITY.

The GREE MultiPRO is ideal for handling today's challenging spaces. With the outdoor unit's small footprint and long piping capabilities, the system provides optimal installation flexibility and efficiency. Connect to a conventional-style multi-position air handler, high wall, or any of the other 7 ducted and ductless indoor unit options. With ULTRA heating & cooling options, the MultiPRO can also handle up to 10 zones with just one outdoor unit.

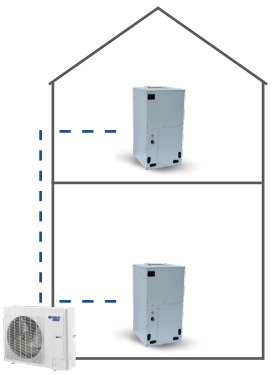
- Up to 10 indoor units with each outdoor unit
- CAN-BUS communication network technology
- Ultra-long piping: up to 985 ft.
- Automatic address setting
- Small installation footprint
- Whisper-quiet operation
- Advanced torque control
- Sensorless DC inverter fan motor
- High efficiency, digital PFC control
- Wide operating range
- Compressor oil storage, separation (2-stage, balance control technology)
- Automatic fault detection



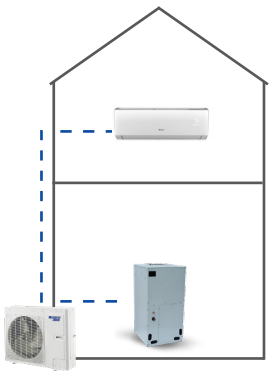


MULTI PRO		GMV-24WL/C-T(U)	GMV-28WL/C-T(U)	GMV-36WL/C-T(U)	GMV-48WL/C-T(U)	GMV-60WL/C-T(U)	GMV-36WL/B-T(U)	GMV-48WL/B-T(U)
System Type				HEAT PUMP			ULTRA HEAT MODELS	
SYSTEM PERFORMANCE - FOR MORE DETAIL, SEE SALES MANUALS AT GREECOMFORT.COM								
Cooling Capacity	Btu/h	24000	28000	37500	48000	60000	36000	48000
Heating Capacity	Btu/h	28000	30000	42000	54000	64000	45000	54000
Cooling Temperature Range (Rated)	°F	23 - 118	23 - 118	23 - 118	23 - 118	23 - 118	50 - 129	50 - 129
Heating Temperature Range (Rated)	°F	-4 - 81	-4 - 81	-4 - 81	-4 - 81	-4 - 81	-22 - 81	-22 - 81
SEER (Non-Ducted / Ducted)		18 / 18	18 / 18	22 / 19.5	22 / 19.5	21 / 19.5	20.5 / 16.5	20 / 16.5
EER @ 95°F (Non-Ducted / Ducted)		11 / 11	11 / 11	11.5 / 11.5	11.5 / 11	11 / 10.5	13 / 11.3	12.5 / 9.5
HSPF (Non-Ducted / Ducted)		10 / 10	10 / 9	11 / 10.5	10.8 / 10.6	11 / 10.5	11.7 / 10.3	11 / 10.2
COP @ 47°F (Non-Ducted / Ducted)		2.99 / 3.01	3.16 / 3.16	4.24 / 3.57	4.04 / 3.31	3.89 / 3.58	4.00 / 3.47	3.90 / 3.46
COP @ 5°F (Non-Ducted / Ducted)		2.4 / 1.48	2.34 / 1.48	1.98 / 1.95	1.99 / 1.92	2.03 / 1.98	1.50 / 1.50	1.50 / 1.50
Unit Dimension (WxDxH)	in	38 5/8 x 14 3/16 x 31 1/8	38 5/8 x 14 3/16 x 31 1/8	35 7/16 x 13 3/8 x 52 15/16	35 7/16 x 13 3/8 x 52 15/16	37 x 12 5/8 x 56 5/16	35 3/8 x 13 3/8 x 53	35 3/8 x 13 3/8 x 53
Paclkage Dimension (WxDxH)	in	43-3/16 x 18 3/4 x 36 7/8	43-3/16 x 18 3/4 x 36 7/8	39 1/4 x 18 x 59 1/16	39 1/4 x 18 x 59 1/16	40 5/8 x 17 1/16 x 62 1/4	39 5/16 x 18 1/16 x 59 5/8	39 5/16 x 18 1/16 x 59 5/8
Weight (Net / Gross)	lbs	176/198	176/198	246/273	246/273	273/299	296/320	296/320
REFRIGERANT PIPING								
Max. Length from ODU to IDU (Equivalent)	ft	394	394	492	492	492	492	492
Max. Length from First Branch to IDU	ft	131	131	131	131	131	131	131
Max. Height Difference ODU to IDU (High/Low)		98/98	98/98	164/131	164/132	164/133	164/134	164/131
Max. Height Difference IDU to IDU	ft	33	33	49	49	49	49	49
ELECTRICAL								
Power Supply				208-230V / 1Ph / 60Hz				
MCA	amps	21	21	28.5	33	34.5	37	37
MOCP	amps	25	30	35	40	40	50	50
Main Power Wire Size	AWG			Per Local Code				
Interconnecting Wire Size	AWG			18/2 Stranded. Shielding recommended.				
LIMITED WARRANTY				**5 Years Parts 7 Years Compressor Residential & Commercial**				

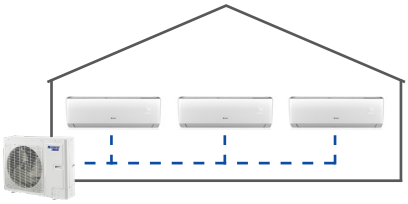
COMMON CONFIGURATIONS



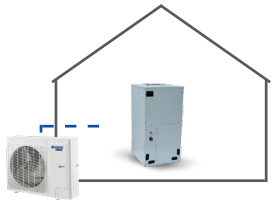
House
2 X
Vertical Air Handlers



House
Vertical Air Handler
+
High Wall



Coffee Shop
3 X
High Walls



Whole Home Solution
1 X
Vertical Air Handler

9 INDOOR UNITS TO CHOOSE

- Wall Mount
- Multi-Position Air Handler
- Horizontal Slim Ducted
- 360 Compact Ceiling Cassette
- 360 Standard Ceiling Cassette
- One-Way Cassette
- Two-Way Cassette
- Console
- Floor Ceiling



Slim compact design hangs inconspicuously on the wall and mixes with most interior designs.

WALL MOUNT

MODEL		GMV-ND06G/B4B-T(U)	GMV-ND07G/B4B-T(U)	GMV-ND09G/B4B-T(U)	GMV-ND12G/B4B-T(U)	GMV-ND14G/B4B-T(U)
System Type				HEAT PUMP		
SYSTEM PERFORMANCE (Non-Ducted Indoor Units)						
Cooling Capacity (Min-Max)	Btu/h	6000	7500	9500	12000	15000
Heating Capacity (Min-Max)	Btu/h	6000	8500	10500	13500	17000
MCA	A	1	1	1	1	1
MOP	A	15	15	15	15	15
Air Flow (Min-Max)	CFM	294 / 177	294 / 177	294 / 177	371 / 188	500 / 294
Sound Pressure Level (Min-Max)	dB(A)	35 / 30	35 / 30	35 / 30	38 / 31	43 / 37
Condensate Drain Size (OD)	in	13/16	13/16	13/16	13/16	13/16
Unit Dimension (WxHxD)	in			33 1/4 x 8 1/4 x 11 3/8		
Package Dimension (WxHxD)	in			38 7/16 x 14 15/16 x 11 1/16		
Weight (Net / Gross)	lbs			23.5/27.5		
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4-1/2	1/4-1/2
Power Supply				208-230V / 1Ph / 60Hz		
LIMITED WARRANTY				**5 Years Parts, 7 Years Compressor – Residential & Commercial**		

MODEL		GMV-ND18G/B4B-T(U)	GMV-ND24G/B4B-T(U)	GMV-ND30G/B4B-T(U)	GMV-ND36G/B4B-T(U)
System Type			HEAT PUMP		
SYSTEM PERFORMANCE (Non-Ducted Indoor Units)					
Cooling Capacity (Min-Max)	Btu/h	18000	24000	30000	32500
Heating Capacity (Min-Max)	Btu/h	20000	25500	34000	36000
MCA	A	1	1	1	1
MOP	A	15	15	15	15
Air Flow (Min-Max)	CFM	647 / 383	706 / 383	912 / 471	971 / 530
Sound Pressure Level (Min-Max)	dB(A)	43 / 37	44 / 37	49 / 40	52 / 40
Condensate Drain Size (OD)	in	13/16	13/16	13/16	13/16
Unit Dimension (WxHxD)	in	42 7/16 x 12 13/16 x 9 11/16		53 1/8 x 10 3/16 x 12 13/16	
Package Dimension (WxHxD)	in	47 3/8 x 16 1/4 x 13 3/4		58 7/8 x 16 9/16 x 14 1/2	
Weight (Net / Gross)	lbs	35.5/42		41/52	
Line Set Size (Liquid - Gas)	in	3/8-5/8	3/8-5/8	3/8-5/8	3/8-5/8
Power Supply			208-230V / 1Ph / 60Hz		
LIMITED WARRANTY			**5 Years Parts, 7 Years Compressor – Residential & Commercial**		



Installation space for this unit is small, allowing easy installation and maintenance. This unit installs like a traditional air handler, using traditional ducting methods. It can be installed in vertical up-flow, horizontal-right, and horizontal-left applications.

MULTI-POSITION AIR HANDLER

MODEL	GMV-ND12A/B-T(U)	GMV-ND18A/B-T(U)	GMV-ND24A/B-T(U)	GMV-ND30A/B-T(U)
System Type		HEAT PUMP		
Cooling Capacity - Nominal	12000	18000	24000	30000
Heating Capacity - Nominal	13500	20000	27000	34000
MCA	3.0	3.0	3.0	4.0
MOP	15	15	15	15
Air Flow (Min-Max)	420 / 300	650 / 300	880 / 690	910 / 710
External Static Pressure (Default/Min~Max)	0.2 / 0~1.0	0.2 / 0~1.0	0.2 / 0~1.0	0.2 / 0~1.0
Sound Pressure Level (Min-Max)	36 / 33	39 / 33	43 / 40	44 / 40
Condensate Drain Size	1	1	1	1
Unit Dimension (WxDxH)	18 1/8 x 21 1/4 x 43 1/2	18 1/8 x 21 1/4 x 43 1/2	18 1/2 x 21 1/4 x 43 1/2	18 1/2 x 21 1/4 x 43 1/2
Package Dimension (WxDxH)	20 3/8 x 24 3/8 x 46 1/8	20 3/8×24 3/8×46 1/8	20 3/8 x 24 3/8 x 46 1/8	20 3/8 x 24 3/8 x 46 1/8
Weight (Net / Gross)	119/130	121/132	123/134	123/134
Line Set Size (Liquid - Gas)	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8
Power Supply		208-230V / 1Ph / 60Hz		
LIMITED WARRANTY		**5 Years Parts, 7 Years Compressor – Residential & Commercial**		

MODEL	GMV-ND36A/B-T(U)	GMV-ND42A/B-T(U)	GMV-ND48A/B-T(U)	GMV-ND60A/B-T(U)
System Type		HEAT PUMP		
Cooling Capacity - Nominal	36000	42000	48000	60000
Heating Capacity - Nominal	40000	47000	54000	66000
MCA	5.0	5.0	8.7	8.7
MOP	15	15	15	15
Air Flow (Min-Max)	1230 / 970	1260 / 1000	1800 / 1500	1820 / 1530
External Static Pressure (Default/Min~Max)	0.2 / 0~1.0	0.2 / 0~1.0	0.2 / 0~1.0	0.2 / 0~1.0
Sound Pressure Level (Min-Max)	45 / 42	46 / 43	50 / 48	51 / 49
Condensate Drain Size	1	1	1	1
Unit Dimension (WxDxH)	21 1/4 x 21 1/4 x 48 1/4	21 1/4 x 21 1/4 x 48 1/4	24 3/4 x 21 1/4 x 57	24 3/4 x 21 1/4 x 57
Package Dimension (WxDxH)	26 x 23 3/4 x 50 3/8	26 x 23 3/4 x 50 3/8	27 5/16 x 26 x 59 3/8	27 5/16 x 26 x 59 3/8
Weight (Net / Gross)	159/170	159/170	198/216	198/216
Line Set Size (Liquid - Gas)	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Power Supply		208-230V / 1Ph / 60Hz		
LIMITED WARRANTY		**5 Years Parts, 7 Years Compressor – Residential & Commercial**		

ELECTRIC HEATER KITS		
HEATER MODEL NUMBERS	**DESCRIPTION**	**AIR HANDLER COMBINATION**
FLEXXHTR5KW	5 kW	GMV-ND09A/B-T(U) GMV-ND12A/B-T(U) GMV-ND18A/B-T(U)
FLEXXHTR5KW	5 kW	GMV-ND24A/B-T(U) GMV-ND30A/B-T(U) GMV-ND36A/B-T(U)
FLEXXHTR8KW	8 kW	
FLEXXHTR10KW	10 kW	
FLEXXHTR5KW	5 kW	GMV-ND36A/B-T(U) GMV-ND42A/B-T(U) GMV-ND48A/B-T(U) GMV-ND54A/B-T(U) GMV-ND60A/B-T(U)
FLEXXHTR8KW	8 kW	
FLEXXHTR10KW	10 kW	
FLEXXHTR15KW	15 kW	
FLEXXHTR20KW	20 kW	



Compact and powerful, the high static slim duct offers the ultimate in flexibility and discretion. Concealed above a suspended ceiling or within open closet spaces to deliver conditioned air via extended ducting and suitable ceiling or wall grilles.

HORIZONTAL SLIM DUCTED

MODEL		GMV-ND07PHS/B-T(U)	GMV-ND09PHS/B-T(U)	GMV-ND12PHS/B-T(U)	GMV-ND15PHS/B-T(U)	GMV-ND18PHS/B-T(U)
System Type				HEAT PUMP		
Cooling Capacity - Nominal	Btu/h	7500	9500	12000	15000	18000
Heating Capacity - Nominal	Btu/h	8500	10500	13500	17000	20000
MCA	A	1	1	1	1	1
MOP	A	15	15	15	15	15
Air Flow (Min-Max)	CFM	324 / 235	324 / 235	353 / 247	500 / 353	589 / 412
External Static Pressure (Default/ Min~Max)	In W.c.	0.24/0~0.6	0.24/0~0.6	0.24/0~0.6	0.24/0~0.6	0.36/0~0.8
Sound Pressure Level (Min-Max)	dB(A)	35 / 31	35 / 31	36 / 32	40 / 34	42 / 35
Condensate Drain Size	in	1	1	1	1	1
Unit Dimension (WxDxH)	in	27 9/16 x 27 9/16 x 11 13/16	27 9/16 x 27 9/16 x 11 13/16	39 3/8 x 27 9/16 x 11 13/16	39 3/8 x 27 9/16 x 11 13/16	39 3/8 x 27 9/16 x 11 13/16
Package Dimension (WxDxH)	in	35 5/16 x 32 x 14 3/16	35 5/16 x 32 x 14 3/16	47 7/16 x 32 x 14 3/16	47 7/16 x 32 x 14 3/16	47 7/16 x 32 x 14 3/16
Weight (Net / Gross)	lbs	73/86	73/86	94/108	94/108	94/108
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8
Power Supply				208-230V / 1Ph / 60Hz		
LIMITED WARRANTY		**5 Years Parts, 7 Years Compressor – Residential & Commercial**				

MODEL		GMV-ND22PHS/B-T(U)	GMV-ND24PHS/B-T(U)	GMV-ND30PHS/B-T(U)	GMV-ND36PHS/B-T(U)	GMV-ND42PHS/B-T(U)
System Type				HEAT PUMP		
Cooling Capacity - Nominal	Btu/h	22000	24000	30000	36000	42000
Heating Capacity - Nominal	Btu/h	24000	27000	34000	40000	47000
MCA	A	1	1,2	1,7	1,7	1,7
MOP	A	15	15	15	15	15
Air Flow (Min-Max)	CFM	589 / 412	736 / 559	1059 / 736	1177 / 824	1177 / 824
External Static Pressure (Default/ Min~Max)	In W.c.	0.36/0~0.8	0.36/0~0.8	0.36/0~0.8	0.36/0~0.8	0.36/0~0.8
Sound Pressure Level (Min-Max)	dB(A)	42 / 35	43 / 35	44 / 38	45 / 40	45 / 40
Condensate Drain Size	in	1	1	1	1	1
Unit Dimension (WxDxH)	in	39 3/8 x 27 9/16 x 11 13/16	39 3/8 x 27 9/16 x 11 13/16	55 1/8 x 27 9/16 x 11 13/16	55 1/8 x 27 9/16 x 11 13/16	55 1/8 x 27 9/16 x 11 13/16
Package Dimension (WxDxH)	in	47 7/16 x 32 x 14 3/16	47 7/16 x 32 x 14 3/16	63 1/16 x 32 x 14 3/8	63 1/16 x 32 x 14 3/8	63 1/16 x 32 x 14 3/8
Weight (Net / Gross)	lbs	94/108	94/108	121/137	121/137	121/137
Line Set Size (Liquid - Gas)	in	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Power Supply				208-230V / 1Ph / 60Hz		
LIMITED WARRANTY		**5 Years Parts, 7 Years Compressor – Residential & Commercial**				





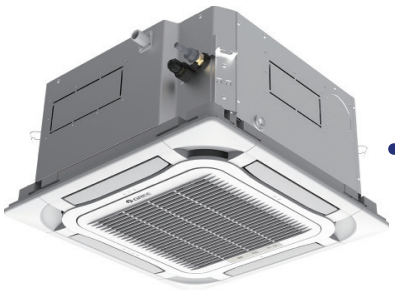
The 360˚ air supply design provides complete airflow coverage and balanced temperature distribution, making for a more comfortable space.

360 COMPACT CEILING CASSETTE

MODEL		GMV-ND05T/E-T(U)	GMV-ND07T/E-T(U)	GMV-ND09T/E-T(U)	GMV-ND12T/E-T(U)	GMV-ND18T/E-T(U)
System Type				HEAT PUMP		
Cooling Capacity - Nominal	Btu/h	5800	7500	9500	12000	18000
Heating Capacity - Nominal	Btu/h	6200	8500	10500	13500	20000
MCA	A	0.7	0.7	0.7	0.8	0.8
MOP	A	15	15	15	15	15
Air Flow (Min-Max)	CFM	33 / 25	36 / 25	36 / 28	39 / 35	43 / 39
Sound Pressure Level (Min-Max)	dB(A)	35 / 31	35 / 31	36 / 32	40 / 34	42 / 35
Condensate Drain Size	in	1	1	1	1	1
Unit Dimension (WxDxH)	in	22 7/16 x 22 7/16 x 10 7/16	22 7/16 x 22 7/16 x 10 7/16	22 7/16 x 22 7/16 x 10 7/16	22 7/16 x 22 7/16 x 10 7/16	22 7/16 x 22 7/16 x 10 7/16
Package Dimension (WxDxH)	in	27 1/2 x 25 11/16 x 11 5/8	27 1/2 x 25 11/16 x 11 5/8	27 1/2 x 25 11/16 x 11 5/8	27 1/2 x 25 11/16 x 11 5/8	27 1/2 x 25 11/16 x 11 5/8
Weight (Net / Gross)	lbs	38.6/49.6	38.6/49.6	38.6/49.6	38.6/49.6	38.6/49.6
Line Set Size (Liquid - Gas)	in	1/4 - 1/2	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8
Power Supply				208-230V / 1Ph / 60Hz		
LIMITED WARRANTY				**5 Years Parts, 7 Years Compressor – Residential & Commercial**		

CASSETTE GRILLE (Required)		TF05	TF05	TF05	TF05	TF05
Grille Dimension (WxDxH)	in	24 3/8 x 24 3/8 x 1 7/8	24 3/8 x 24 3/8 x 1 7/8	24 3/8 x 24 3/8 x 1 7/8	24 3/8 x 24 3/8 x 1 7/8	24 3/8 x 24 3/8 x 1 7/8
Package Dimension (WxDxH)	in	27 5/8 x 27 5/8 x 5	27 5/8 x 27 5/8 x 5	27 5/8 x 27 5/8 x 5	27 5/8 x 27 5/8 x 5	27 5/8 x 27 5/8 x 5
Weight (Net / Gross)	lbs	6.6/10	6.6/10	6.6/10	6.6/10	6.6/10





360˚air supply design for a wide air supply range and balanced temperature distribution, more comfortable.

360 STANDARD CEILING CASSETTE

MODEL		GMV-ND07T/C-T(U)	GMV-ND09T/C-T(U)	GMV-ND12T/C-T(U)	GMV-ND15T/C-T(U)	GMV-ND18T/C-T(U)
System Type				HEAT PUMP		
Cooling Capacity - Nominal	Btu/h	7500	9500	12000	15000	18000
Heating Capacity - Nominal	Btu/h	8500	10500	13500	17000	20000
MCA	A	1	1	1	1	1
MOP	A	15	15	15	15	15
Air Flow (Min-Max)	CFM	471 / 353	471 / 353	471 / 353	471 / 353	559 / 441
Sound Pressure Level (Min-Max)	dB(A)	33 / 28	33 / 28	33 / 28	33 / 28	36 / 30
Condensate Drain Size	in	1	1	1	1	1
Unit Dimension (WxDxH)	in			33 1/8 x 33 1/8 x 9 1/2		
Package Dimension (WxDxH)	in	37 7/8 x 37 7/8 x 12 3/4	37 7/8 x 37 7/8 x 12 3/4	37 7/8 x 37 7/8 x 12 3/4	37 7/8 x 37 7/8 x 12 3/4	37 7/8 x 37 7/8 x 12 3/4
Weight (Net / Gross)	lbs	13.2/20.9	13.2/20.9	13.2/20.9	13.2/20.9	13.2/20.9
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Power Supply				208-230V / 1Ph / 60Hz		
LIMITED WARRANTY				**5 Years Parts, 7 Years Compressor – Residential & Commercial**		

MODEL		GMV-ND24T/C-T(U)	GMV-ND30T/C-T(U)	GMV-ND36T/C-T(U)	GMV-ND42T/C-T(U)	GMV-ND48/C-T(U)
System Type				HEAT PUMP		
Cooling Capacity - Nominal	Btu/h	24000	30000	36000	42000	48000
Heating Capacity - Nominal	Btu/h	27000	34000	40000	47000	54000
MCA	A	1	1	1	1	1
MOP	A	15	15	15	15	15
Air Flow (Min-Max)	CFM	677 / 500	736 / 530	883 / 589	971 / 647	971 / 647
Sound Pressure Level (Min-Max)	dB(A)	37 / 31	39 / 34	41 / 37	43 / 39	43 / 39
Condensate Drain Size	in	1	1	1	1	1
Unit Dimension (WxDxH)	in	33 1/8 x 33 1/8 x 9 1/2	33 1/8 x 33 1/8 x 11 3/8	33 1/8 x 33 1/8 x 11 3/8	33 1/8 x 33 1/8 x 11 3/8	33 1/8 x 33 1/8 x 11 3/8
Package Dimension (WxDxH)	in	37 7/8 x 37 7/8 x 12 3/4	37 7/8 x 37 7/8 x 14 7/8	37 7/8 x 37 7/8 x 14 7/8	37 7/8 x 37 7/8 x 14 7/8	37 7/8 x 37 7/8 x 14 7/8
Weight (Net / Gross)	lbs	63.9/81.6	68.4/83.8	77.2/97	77.2/97	77.2/97
Line Set Size (Liquid - Gas)	in	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Power Supply				208-230V / 1Ph / 60Hz		
LIMITED WARRANTY				**5 Years Parts, 7 Years Compressor – Residential & Commercial**		

CASSETTE GRILLE (Required)		TF06	TF06	TF06	TF06	TF06
Grille Dimension (WxDxH)	in	24 3/8 x 24 3/8 x 1 7/8	24 3/8 x 24 3/8 x 1 7/8	24 3/8 x 24 3/8 x 1 7/8	24 3/8 x 24 3/8 x 1 7/8	24 3/8 x 24 3/8 x 1 7/8
Package Dimension (WxDxH)	in	27 5/8 x 27 5/8 x 5	27 5/8 x 27 5/8 x 5	27 5/8 x 27 5/8 x 5	27 5/8 x 27 5/8 x 5	27 5/8 x 27 5/8 x 5
Weight (Net / Gross)	lbs	6.6/10	6.6/10	6.6/10	6.6/10	6.6/10





ONE-WAY CASSETTE



With an ultra-thin design at less than 7-5/16" tall, the unit can be installed in a 7-1/2" ceiling.

MODEL		GMV-ND07TD/A-T(U)	GMV-ND09TD/A-T(U)	GMV-ND12TD/A-T(U)
System Type			HEAT PUMP	
Cooling Capacity - Nominal	Btu/h	7500	9500	12000
Heating Capacity - Nominal	Btu/h	8500	10500	13500
MCA	A	1	1	1
MOP	A	15	15	15
Air Flow (Min-Max)	CFM	353 / 265	353 / 265	353 / 265
Sound Pressure Level (Min-Max)	dB(A)	36 / 28	36 / 28	36 / 28
Condensate Drain Size	in	1	1	1
Unit Dimension (WxDxH)	in	38 7/8 x 15 3/16 x 7	38 7/8 x 15 3/16 x 7	38 7/8 x 15 3/16 x 7
Package Dimension (WxDxH)	in	51 1/2 x 19 3/4 x 12 3/16	51 1/2 x 19 3/4 x 12 3/16	51 1/2 x 19 3/4 x 12 3/16
Weight (Net / Gross)	lbs	44/60	44/60	44/60
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2
Power Supply			208-230V / 1Ph / 60Hz	
LIMITED WARRANTY		**5 Years Parts, 7 Years Compressor – Residential & Commercial**		

CASSETTE GRILLE (Required)		TD01	TD01	TD01
Grille Dimension (WxDxH)	in	47 1/4 x 18 1/8 x 2 3/16	47 1/4 x 18 1/8 x 2 3/16	47 1/4 x 18 1/8 x 2 3/16
Package Dimension (WxDxH)	in	49 13/16 x 21-1/8 x 4 3/4	49 13/16 x 21 1/8 x 4 3/4	49 13/16 x 21 1/8 x 4 3/4
Weight (Net / Gross)	lbs	9.3/13.2	9.3/13.2	9.3/13.2



The two-way cassette unit has a very thin body (11 inches) which is more practical in field applications as less installation space is required.

TWO-WAY CASSETTE

MODEL		GMV-ND09TS/B-T(U)	GMV-ND12TS/B-T(U)	GMV-ND15TS/B-T(U)	GMV-ND18TS/B-T(U)	GMV-ND24TS/B-T(U)
System Type				HEAT PUMP		
Cooling Capacity - Nominal	Btu/h	9500	12000	15000	18000	24000
Heating Capacity - Nominal	Btu/h	10500	13500	17000	20000	27000
MCA	A	1	1	1	1	1
MOP	A	15	15	15	15	15
Air Flow (Min-Max)	CFM	395 / 363 / 302	395 / 363 / 302	421 / 363 / 302	450 / 417 / 398	480 / 438 / 388
Sound Pressure Level	dB(A)	33 / 31 / 28	33 / 31 / 28	35 / 31 / 28	37 / 35 / 32	39 / 37 / 34
Dehumidification	pt/hr	2.96	3.8	5.28	5.28	5.28
Condensate Drain Size	in	1	1	1	1	1
Unit Dimension (WxDxH)	in	31 1/8 x 24 13/16 x 11	31 1/8 x 24 13/16 x 11	31 1/8 x 24 13/16 x 11	31 1/8 x 24 13/16 x 11	31 1/8 x 24 13/16 x 11
Package Dimension (WxDxH)	in	40 5/8 x 29 1/8 x 14 3/8	40 5/8 x 29 1/8 x 14 3/8	40 5/8 x 29 1/8 x 14 3/8	40 5/8 x 29 1/8 x 14 3/8	40 5/8 x 29 1/8 x 14 3/8
Weight (Net / Gross)	lbs	56/74	56/74	56/74	57/76	57/76
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8
Power Supply				208-230V / 1Ph / 60Hz		
LIMITED WARRANTY		**5 Years Parts, 7 Years Compressor – Residential & Commercial**				

CASSETTE GRILLE (Required)		TE03	TE03	TE03	TE03	TE03
Grille Dimension (WxDxH)	in	43 5/16 x 28 x 1 3/32	43 5/16 x 28 x 1 3/32	43 5/16 x 28 x 1 3/32	43 5/16 x 28 x 1 3/32	43 5/16 x 28 x 1 3/32
Package Dimension (WxDxH)	in	48 7/16 x 33 3/16 x 5 1/8	48 7/16 x 33 3/16 x 5 1/8	48 7/16 x 33 3/16 x 5 1/8	48 7/16 x 33 3/16 x 5 1/8	48 7/16 x 33 3/16 x 5 1/8
Weight (Net / Gross)	lbs	13/23	13/23	13/23	13/23	13/23





Installed low on a wall, it is perfect for knee-walls and radiator-style installations.

CONSOLE

MODEL		GMV-ND07C/A-T(U)	GMV-ND09C/A-T(U)	GMV-ND12C/A-T(U)	GMV-ND18C/A-T(U)
System Type			HEAT PUMP		
Cooling Capacity - Nominal	Btu/h	7500	9500	12000	18000
Heating Capacity - Nominal	Btu/h	8500	11000	13500	20000
MCA	A	1	1	1	1
MOP	A	15	15	15	15
Air Flow (Min-Max)	CFM	235 / 159	235 / 159	282 / 182	400 / 294
Sound Pressure Level (Min-Max)	dB(A)	38 / 27	38 / 27	40 / 32	46 / 39
Condensate Drain Size	in	1	1	1	1
Unit Dimension (WxDxH)	in	27 9/16 x 8 1/2 x 23 5/8	27 9/16 x 8 1/2 x 23 5/8	27 9/16 x 8 1/2 x 23 5/8	27 9/16 x 8 1/2 x 23 5/8
Package Dimension (WxDxH)	in	31 x 11 1/8 x 30 5/8	31 x 11 1/8 x 30 5/8	31 x 11 1/8 x 30 5/8	31 x 11 1/8 x 30 5/8
Weight (Net / Gross)	lbs	35/42	35/42	35/42	35/42
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2
Power Supply			208-230V / 1Ph / 60Hz		
LIMITED WARRANTY			**5 Years Parts, 7 Years Compressor – Residential & Commercial**		



The unit can be ceiling or floor mounted. Excellent air throw when ceiling mounted.

FLOOR CEILING

MODEL		GMV-ND09ZD/A-T(U)	GMV-ND12ZD/A-T(U)	GMV-ND18ZD/A-T(U)	GMV-ND24ZD/A-T(U)
System Type			HEAT PUMP		
Cooling Capacity - Nominal	Btu/h	9500	12000	18000	24000
Heating Capacity - Nominal	Btu/h	10500	13500	20000	27000
MCA	A	1	1	1	1
MOP	A	15	15	15	15
Air Flow (Min-Max)	CFM	471 / 353	471 / 353	471 / 353	471 / 353
Sound Pressure Level (Min-Max)	dB(A)	33 / 28	33 / 28	33 / 28	33 / 28
Condensate Drain Size	in	1	1	1	1
Unit Dimension (WxDxH)	in	48 x 8 7/8 x 27 9/16	48 x 8 7/8 x 27 9/16	48 x 8 7/8 x 27 9/16	56 x 9 5/8 x 27 9/16
Package Dimension (WxDxH)	in	52 7/8 x 12 3/8 x 32 3/8	52 7/8 x 12 3/8 x 32 3/8	52 7/8 x 12 3/8 x 32 3/8	60 15/16 x 13 9/16 x 32 5/8
Weight (Net / Gross)	lbs	13.2/20.9	13.2/20.9	13.2/20.9	13.2/20.9
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8
Power Supply			208-230V / 1Ph / 60Hz		
LIMITED WARRANTY			**5 Years Parts, 7 Years Compressor – Residential & Commercial**		

MODEL		GMV-ND30ZD/A-T(U)	GMV-ND36ZD/A-T(U)	GMV-ND42ZD/A-T(U)	GMV-ND48ZD/A-T(U)
System Type			HEAT PUMP		
Cooling Capacity - Nominal	Btu/h	30000	36000	42000	48000
Heating Capacity - Nominal	Btu/h	33000	40000	47000	54000
MCA	A	1	1	1	1
MOP	A	15	15	15	15
Air Flow (Min-Max)	CFM	1230 / 970	1260 / 1000	1800 / 1500	1820 / 1530
Sound Pressure Level (Min-Max)	dB(A)	45 / 42	46 / 43	50 / 48	51 / 49
Condensate Drain Size	in	1	1	1	1
Unit Dimension (WxDxH)	in	56 x 9 5/8 x 27 9/16	66 15/16 x 9 5/8 x 27 9/16	66 15/16 x 9 5/8 x 27 9/16	66 15/16 x 9 5/8 x 27 9/16
Package Dimension (WxDxH)	in	60 15/16 x 13 9/16 x 32 5/8	71 15/16 x 13 9/16 x 32 5/8	71 15/16 x 13 9/16 x 32 5/8	71 15/16 x 13 9/16 x 32 5/8
Weight (Net / Gross)	lbs	110/128	132/150	132/150	132/150
Line Set Size (Liquid - Gas)	in	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Power Supply			208-230V / 1Ph / 60Hz		
LIMITED WARRANTY			**5 Years Parts, 7 Years Compressor – Residential & Commercial**		



FRESH AIR FAN COILS

INDOOR UNIT MODEL	OUTDOOR UNIT MODEL
GMV-NDX42P/A-T(U)	Total capacity of connected fresh air fan-coils and indoor units must be within 50% - 100% of the capacity of the outdoor unit.
GMV-NDX48P/A-T(U)	
GMV-NDX54P/A-T(U)	
GMV-NDX72P/A-T(U)	Total capacity of connected fresh air fan-coils cannot exceed 30% of the capacity of the outdoor unit.
GMV-NDX96P/A-T(U)	

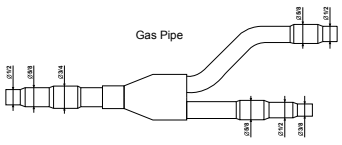
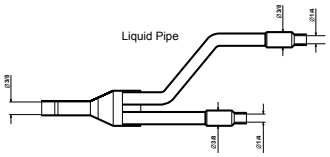
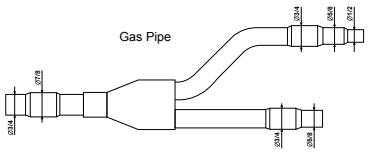
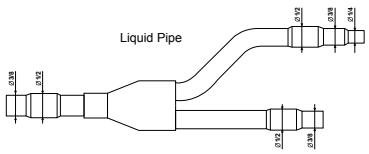
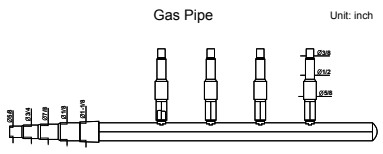
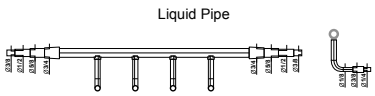
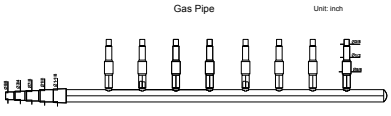
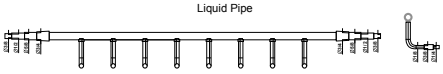
- Fresh air processing unit
- Applications for residential homes, villas business buildings, hotels, apartments
- Can be combined with Gree GMV5
- The unit controls refrigerant output according to actual needs to ensure constant airflow temperature
- Adjusts power output so that high power operation during light-load conditions are avoided. 589 - 2060 CFM
- Up to 0.8 inch. W.G. for 42.48
- Up to 1.2 inch W.G. for 54.72.96



CONTROLS & ACCESSORIES

MODEL NUMBER	CONTROLLER	STANDARD	COMPATIBLE WITH	KEYPAD FEATURES & FUNCTIONS
YAP1F		INCLUDED	HIGH WALL CEILING CASSETTES FLOOR CEILING CONSOLE	**Wireless Remote Controller** • Included with all ductless units including High Wall, Ceiling Cassettes, Floor Ceiling, and Consoles • Includes all operation features such as mode selection, fan speeds, setpoint control, timers, sleep, and more
XK79		NONE	ALL INDOOR UNIT TYPES	**Gate Control Wired Controller (With Remote On/Off) (Non-programmable)** • Includes all operation features such as mode selection, fan speeds, setpoint control, timers, sleep, and more • Enables access to user and engineering parameters and can display all troubleshooting data • Remote operation interface built in. Connect to door switches, motion sensors, and more
XE70-33/H		MULTI-POSITION AIR HANDLER	ALL INDOOR UNIT TYPES	**7-Day Programmable Wired Controller with Gate Control (Remote On/Off)** • Included with Multi-Position Air Handler • Capacitive touch screen ensures long life • Seven Day programmable. Set up to 4 weekly schedules and enable or disable specific days within a schedule • Remote operation interface built in. Connect to door switches, motion sensors, and more • Enables access to user and engineering parameters and can display all troubleshooting data including indoor and outdoor data • Includes all operation features such as mode selection, fan speeds, setpoint control, timers, sleep, and more
CE52-24/F(C)		NONE	ALL INDOOR UNIT TYPES	**E-Smart Zone Central Controller** • Allows central control of up to 16 systems and 32 indoor units • Seven Day programmable. Set up to 4 weekly schedules and enable or disable specific days within a schedule • Operate and schedule individual units or set multiple groups of units to be controlled at the same time • Customizable names and icons for each zone • Easy-to-read color touchscreen (3-3/8"H x 5"W). Only 7/16" thick when flush-mounted • Includes galvanized mounting box with grommets for non-flush-mount installation (1-1/2" thick) • Independent power supply (100-240V)
ME32-33/H		NONE	ALL INDOOR UNIT TYPES	**Universal 24V Adapter with Dry Contact Interface** • Enables use of your favorite third-party 24VAC thermostat or control system • Up to three fan speeds (G1, G2, G3) • Four sets of dry contacts are available for broad control including remote on/off, emergency shut down, and more • 24V transformer is required unless installed with a Multi-Position Air Handler

Y-BRANCHES AND HEADERS

FQ01AA			• Y Branch for GMV5 capacity <68,000
FQ01BA			• Y Branch for GMV5 capacity >68,000 - 102,000
FQ14/H1			• T-Type 4 port Manifold <134,000
FQ18/H1			• T-Type 8 port Manifold <272,000

Select Dealer Program

Partner with success...



HOW TO BECOME A GREE SELECT DEALER

- Meet all local & state contractor **licensing requirements**
- Complete at least one **4-hour training class** in person or online within the first year of signup
- Attend an additional **4 hours of certified training per year** (in person or online)
- Provide updated **contact information** to receive qualified leads through our Dealer Locator
- Be **courteous, responsive and professional** to all potential and existing GREE customers

Contact us:

greeselect@twclimate.com



ADVANTAGES START HERE...

- Partner with one of the **fastest-growing brands** in the duct-free market that delivers **exceptional products, competitive pricing, and unbeatable service**.
- **Build points with every sale and redeem them for digital gift cards** so you can enjoy even more rewards for your hard work.
- Only Select Dealers can offer their customers peace of mind with our **10-year Parts and Compressor replacement warranty**.
- Stay ahead of the competition with **exclusive training** and promotional opportunities.
- Get **qualified leads** through our powerful **Dealer Locator tool**. Stand out with special badge and get qualified leads.
- **Upon registering your first warranty**, you will receive a fully loaded **GREE Starter Kit**. This kit includes **GREE** branded items and literature, so you can enhance your presence and showcase your expertise.

SELECT
10
YEARS
PARTS
COMPRESSOR

SELECT DEALER WARRANTY PROGRAM*

- 10-year Parts replacement, shipped same day
- 10-year Compressor replacement, shipped same day

* Product sales must be registered within 60 days of installation to qualify.
Only applies to residential applications, with certain restrictions.
Visit greecomfort.com/warranty for details.

10 year Parts & Compressor warranty is only offered when registering a complete new system except for FLEXX outdoor units can be registered as outdoor unit only.

VISIT **GREECOMFORT.COM/GREESELECT** FOR DETAILS

WHEN YOU BUY A **GREE...**

WARRANTY

SELECT 10 YEARS PARTS COMPRESSOR

GREE SELECT DEALER WARRANTY

- **10 Years on all Parts** and **10 Years on the Compressor** to the original registered end user/homeowner when installed for residential use.
- Unit must be purchased and installed by a certified GREE Select Dealer.
- The installation must be registered on greecomfort.com/register within 60 days of installation.

STANDARD 5/7 YEARS PARTS COMPRESSOR

STANDARD WARRANTY

- **5 Years on all Parts** and **7 Years on the Compressor** to the original registered end user/homeowner when installed for residential use. Registration of installation is strongly recommended.

COMMERCIAL 5/7 YEARS PARTS COMPRESSOR

COMMERCIAL WARRANTY

- **5 Year on all Parts** and **7 Years on the Compressor** when installed in commercial applications.

CONTROLS 1 YEAR

CONTROLS WARRANTY

- **1 Year** on GREE branded controls from purchase date.

Visit greecomfort.com/warranty for more details.

CERTIFICATIONS

GREE systems are among the most environmentally-friendly and energy efficient in the market today.

ENERGY STAR · G10 Inverter · R410A non ozone-depleting refrigerant · AHRI CERTIFIED · ETL LISTED

DISCLAIMERS

- Always use a licensed contractor to install this product to avoid potential hazards such as electrical shock, refrigerant leakage, fire or explosion.
- Only use GREE-sourced parts and accessories with a GREE system.
- Review all safety, installation and operating instructions prior to installing your GREE system for optimal performance.
- GREE reserves the right to modify product design, specifications and informational data in this catalog without notice or obligation.
- The data and information provided here are general in nature and my vary due to your actual installation conditions. Please refer to submittals and product installation documents for more detailed information.

BEFORE YOU INSTALL A **GREE...**

TOOLS REQUIRED

- R410a flaring tool
- Clamp-on amp meter
- Wrenches (std / adj / torque)
- Vacuum pump
- Refrigerant scale
- Micron gauge
- Manifold & gauges
- Drill & drill bits
- Hole saw
- Pipe cutter
- Level
- Screwdrivers
- Safety goggles & gloves

BEST PRACTICES

UNIT PLACEMENT

- Follow clearance guidelines on indoor & outdoor units for airflow & servicing
- Include space for condensate drainage
- Anchor units properly to prevent vibration or malfunction
- Pitch condensate drain tubing downward for proper drainage

WIRING

- Use only 14/4 STRANDED wire - Never use wire nuts or splices
- L1 & L2 are polarity sensitive
- Use spade connectors on all terminal connections
- Use only a dedicated electrical circuit
- Always GROUND indoor & outdoor unit
- Surge protector HIGHLY recommended

PIPING

- Use only correct line set size as determined by indoor unit
- Use only copper refrigerant piping
- Insulate both refrigerant lines from each other
- For flare connections, use a 45˚ flaring tool
- All pipe length must be within the maximum and minimum allowance
- Prevent loops, sagging or bending in the piping
- For the FLEXX series, only the gas line requires insulation

CHARGING

- Test refrigerant lines for leaks by pressurizing with nitrogen to 450 P.S.I.
- While under pressure, use a leak detection solution to check all flare connections
- Use only approved evacuation hose & vacuum pump oil for proper evacuation and leak testing: Evacuate to less than 500 microns and hold for 30 minutes
- If refrigerant is added, use electronic scale and weigh in precise amount
- Open service valves prior to energizing unit

INSTALL SUPPORT

greetraining.com
greecomfort.com/resources

SCAN FOR INSTALLATION TIPS

WARRANTY

ONLY VALID IF SYSTEM IS INSTALLED BY A LICENSED CONTRACTOR.
Installation must comply with applicable local & national codes.

GREE

GREECOMFORT.COM

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