



Heating
& Cooling

Maximum
Performance

Utmost
Efficiency



HEATING & COOLING

COMFORT & WELLNESS

It's what we do.

GREE is a global leader in air treatment, developing some of the most advanced & efficient commercial and residential air conditioners in the world. GREE integrates research & development, manufacturing, sales, and service to help people be healthy and comfortable wherever they live, work or play. GREE is also fully committed to protecting our environment by designing the most ecologically friendly cooling and heating systems in the market.

1 in 3 of the world's air conditioners are made by GREE.

33

YEARS IN BUSINESS

190+

COUNTRIES / REGIONS

500+

MILLION USERS SERVED



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WHAT ARE MINI-SPLIT SYSTEMS?

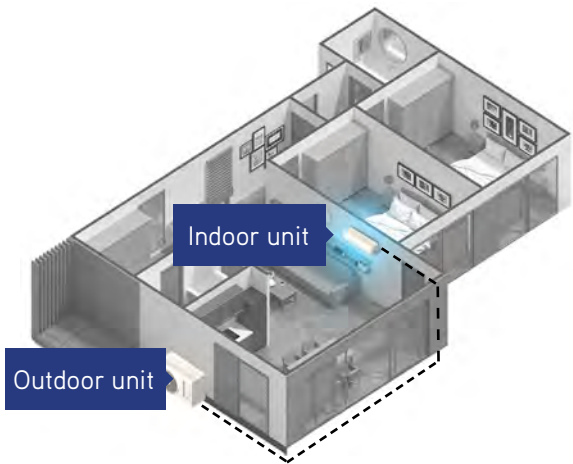


Mini-Split systems operate via an outdoor compressor unit connected to 1 or more inside air handlers with utmost efficiency and climate control in heating and cooling modes.

Ideal for
ANY SIZE ROOM
—
MORE AFFORDABLE
than replacing
a central system
—
Great for
SUPPLEMENTING
a central system

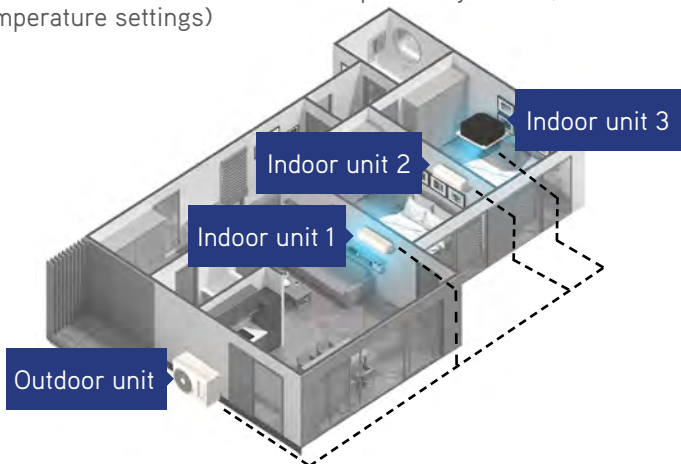
SINGLE ZONE SYSTEMS

- 1 outdoor unit
- Provides heating & cooling to 1 room/zone in a house



MULTI-ZONE SYSTEMS

- 1 outdoor unit
- Provides heating & cooling to multiple rooms/zones in a house
- Each zone has its own indoor unit
- All indoor units are controlled independently (off/on, different temperature settings)



WHAT ARE HEAT PUMPS?

Heat pump AC Systems are energy-efficient climate control systems that can both cool & heat your home using a single unit.

- **In cooling mode:** It functions like a traditional air conditioner, pulling heat from inside your home and transferring it outside.
- **In heating mode:** It reverses the process, extracting heat from the outside air (even in cold weather) and bringing it indoors.

FASTER
HEATING/COOLING

PRECISE
CONTROL

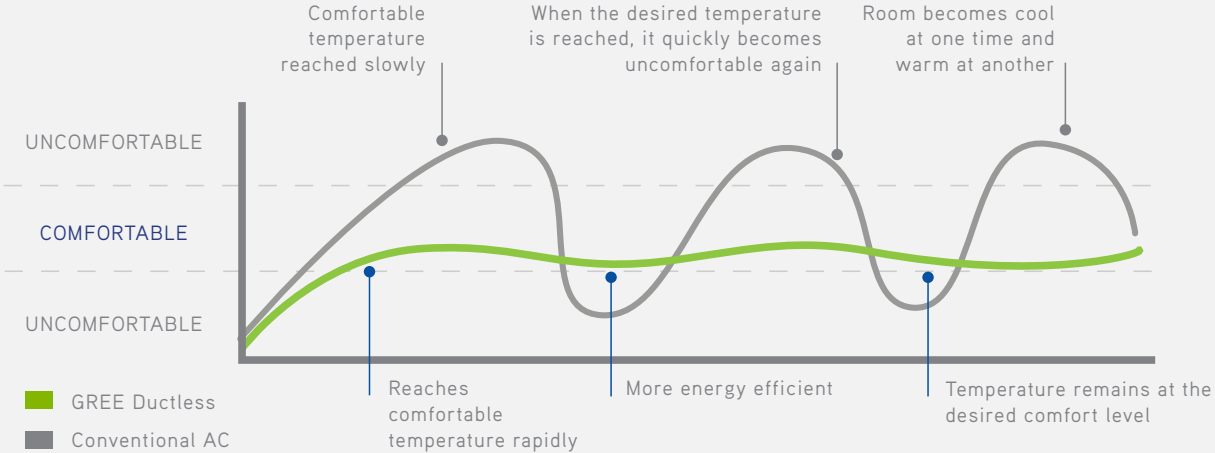
ENERGY
SAVINGS

ECO-FRIENDLY
REFRIGERANT

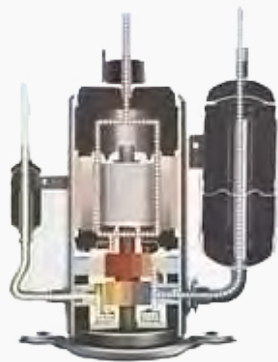
ENJOY THE HEAT PUMP ADVANTAGE

- Acts as both an air conditioner and a heater for your room comfort
- 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
- 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

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

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 perform 4-stage process to remove unwanted particles from coil: condenses, frosts, sterilizes and defrosts



GREE GOES GREEN
WITH R32

LOWER CARBON EMISSIONS

R32 is recognized for its reduced environmental impact, aligning with sustainability goals.

SAFETY ASSURANCE

R32 has a proven global record as a safe, reliable refrigerant.

ENHANCED EFFICIENCY

Provides up to **10% more capacity** and **12% more efficiency** compared to R410A, optimizing system performance.

COST-EFFECTIVE SOLUTION

With no active patents, R32 is readily available, offering economic advantages for projects.

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 scan 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

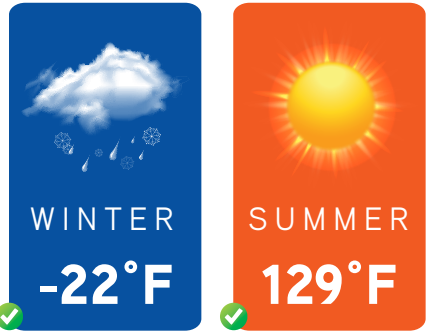
Reliable printed circuit boards (PCB) operate in temperatures up to 185°F while protected by a fire-proof metal casing.

SELF-DRAINING BASE PAN

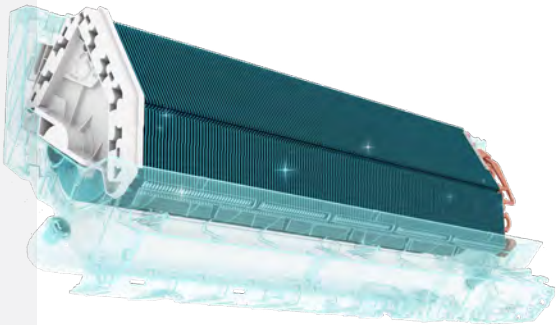
Condensate water drains freely to help prevent freezing in base pan.

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



THE **PROOF**
IS IN THE **COMFORT...**



LOW NOISE

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

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.

TURBO COOLING

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

4-WAY AIR FLOW

Louvers can be vertically or horizontally adjusted to direct airflow towards anywhere in the room to maximize room comfort.

I-FEEL

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

MULTIPLE FAN SPEEDS

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



- FIELD-ORIENTED CONTROL (FOC) ALGORITHM
- PRECISE LOAD ADAPTATION
- ADVANCED VOLTAGE STABILIZATION
- OPTIMIZED LOW-LOAD PERFORMANCE
- INTELLIGENT NOISE REDUCTION



Save on 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
- ✔ Save on cost of purchase through available energy rebates & tax credits

MAXIMIZE SAVINGS WITH GREE

Boost efficiency and savings for your customers—and your business. Many GREE systems qualify for local utility rebates based on efficiency ratings. Check available incentives in your area at greecomfort.com/rebates and give customers another reason to choose GREE.

INTELLIGENT DESIGN FACTORS

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.

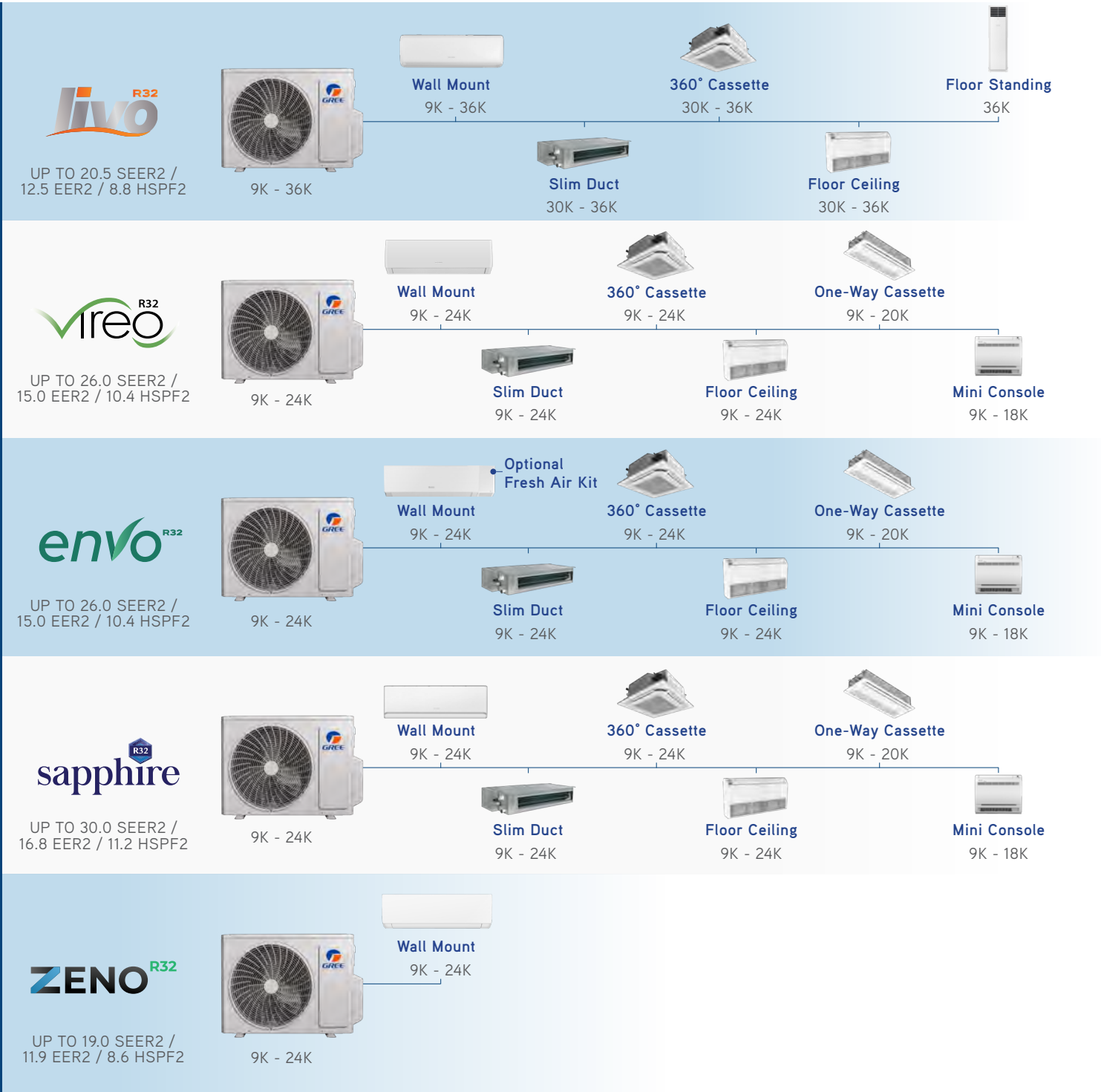
DUAL SIDE INSTALLATION
Choose left or right piping outlet for easier installation.

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.

GREE PRODUCT LINE UP

SINGLE ZONE



MULTI ZONE



CENTRAL AIR



MULTI PRO



PACKAGED



PTAC



*Actual product appearance may vary from images shown.

MULTI-ZONE

A WHOLE HOME SOLUTION

- ✔ Option to connect just 1 or up to 10 indoor units with each outdoor system
- ✔ Potential energy savings of up to 30% compared to even the most-efficient models on the market, with up to 21 SEER2
- ✔ Qualifies for most energy rebates & federal tax credits
- ✔ The best heat pump heating performance on the market with heating capacity down to -22°F





YOUR COMPLETE
COMFORT SOLUTION



THE MULTIPRO FOR THE ULTIMATE IN
COMFORT & FLEXIBILITY

The GREE MultiPRO R32 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 4 ducted and ductless indoor unit options. With ULTRA heating & cooling options, the MultiPRO R32 can also handle up to 10 zones with just one outdoor unit.

- UP TO 23.5 SEER2 / 14.5 EER2 / 9.8 HSPF2 EFFICIENCY
- COOLING RANGE: 23°F - 129°F
- HEATING RANGE: -22°F - 81°F
- MAXIMUM LINE LENGTH: 213 FT.

- CAN-Bus communication network technology
- Automatic address setting
- Wide operating range
- Wind resistant start-up
- Automatic fault detection
- Intelligent defrost initiation
- Can be controlled remotely via Cool Automation

SYSTEM TYPE		ULTRA HEAT MODELS		
Model		GMV-V36WL/NhC-T(U)	GMV-V48WL/NhC-T(U)	GMV-V60WL/NhC-T(U)
Minimum - Maximum Number of Zones		1-7	1-8	1-10
SYSTEM PERFORMANCE - Non-Ducted Indoor Units				
Cooling - Capacity @95°F	Btu/h	36,000	48,000	60,000
Heating - Capacity @17°F	Btu/h	30,000	31,000	41,500
Heating - Capacity @5°F	Btu/h	31,600	38,000	46,500
Heating - Capacity @47°F	Btu/h	45,000	54,000	64,500
SEER2		23.5	23.5	22.5
EER2		14.5	13.5	10.5
HSPF2		9.8	9	9.2
COP @5°F		2.4	2.30	2.2
SYSTEM PERFORMANCE - Ducted Indoor Units				
Cooling - Capacity @95°F	Btu/h	36,000	48,000	60,000
Heating - Capacity @5°F	Btu/h	31,600	38,000	46,500
Heating - Capacity @17°F	Btu/h	27,400	33,000	40,000
Heating - Capacity @47°F	Btu/h	45,000	54,000	64,500
SEER2		18	18	17.5
EER2		12.5	11.7	9.5
HSPF2		9.1	8.8	8.7
COP @5°F		2.20	2	1.9
SYSTEM PERFORMANCE (Mixed Ducted and Non-Ducted Indoor Units)				
Cooling - Capacity @95°F	Btu/h	36,000	48,000	60,000
Heating - Capacity @5°F	Btu/h	31,600	38,000	46,500
Heating - Capacity @17°F	Btu/h	28,800	32,000	40,500
Heating - Capacity @47°F	Btu/h	45,000	54,000	64,500
SEER2		20.75	20.75	20
EER2		13.5	12.6	10
HSPF2		9.45	8.9	8.95
COP @5°F		2.30	2.10	2
OUTDOOR UNIT DATA				
Cooling Temperature Range	°F	23 - 129	23 - 129	23 - 129
Heating Temperature Range	°F	-22 - 81	-22 - 81	-22 - 81
Refrigerant Type		R32	R32	R32
Cmpressor Type		Inverter Rotary	Inverter Rotary	Inverter Rotary
Sound Pressure Level	dB(A)	50	50	55
External Dimensions (W x H x D)	in	35-3/8 X 53 X 13-3/8	35-3/8 X 53 X 13-3/8	35-3/8 X 53 X 13-3/8
Package Dimension (W x H x D)	in	39-1/4 x 59-1/16 x 18	39-1/4 x 59-1/16 x 18	39-1/4 x 59-1/16 x 18
Net Weight	lbs	250	250	250
Gross Weight	lbs	270	270	270
REFRIGERANT PIPING				
Refrigerant Charge - R32	oz./lb.	137.56 / 8.59	137.56 / 8.59	137.56 / 8.59
Port Size (Liquid - Gas)	in	3/8 / 5/8	3/8 / 5/8	3/8 / 5/8
Max. Length from ODU to IDU (Equivalent)	ft	213.25	213.25	213.25
Max. Length from First Branch to IDU	ft	131	131	131
Max. Height Difference ODU to IDU (Above/Below)	ft	164 / 131	164 / 131	164 / 131
Max. Height Difference IDU to IDU	ft	49	49	49
ELECTRICAL				
Power Supply		208-230V / 1Ph / 60Hz	208-230V / 1Ph / 60Hz	208-230V / 1Ph / 60Hz
MCA (ODU ONLY / OTHER DEVICES / EMERGENCY POWER)	A	36.9 / 51.9 / 1	38.1 / 53.1 / 1	39.3 / 54.3 / 1
MOCP (ODU ONLY / OTHER DEVICES / EMERGENCY POWER)	A	40 / 60 / 15	40 / 60 / 15	40 / 60 / 15
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		

6 INDOOR UNITS TO CHOOSE

- Wall Mount
- Multi-Position Air Handler
- Horizontal Slim Duct
- 360 Compact Ceiling Cassette
- 360 Standard Ceiling Cassette
- One-Way Cassette



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

WALL MOUNT

SYSTEM TYPE		INDOOR UNIT				
Model		GMV-ND06G/NhA1C-T(U)	GMV-ND07G/NhA1C-T(U)	GMV-ND09G/NhA1C-T(U)	GMV-ND12G/NhA1C-T(U)	GMV-ND18G/NhA1C-T(U)
SYSTEM PERFORMANCE (Non-Ducted Indoor Units)						
Cooling Capacity - Nominal	Btu/h	6,000	7,500	9,500	12,000	18,000
Heating Capacity - Nominal	Btu/h	7,500	8,500	10,500	13,500	20,000
MCA	A	.9	.9	.9	1.1	1.1
MOP	A	15	15	15	15	15
Air Flow	CFM	265	177 - 294	177 - 294	188 - 371	294 - 500
Sound Pressure Level (H/M/L)	dB(A)	36/34/31	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 (W x H x D)	in	34-1/8 x 8-1/8 x 10-7/8			38-1/2 x 9-3/4 x 13-1/8	43-15/16 x 9-3/4 x 13-1/8
Package Dimension (W x H x D)	in	39-3/16 x 13-1/2 x 10-31/32			43-11/16 x 16-1/8 x 13-11/16	49-1/4 x 16-1/2 x 14-1/32
Weight (Net / Gross)	lbs	21/26	21/26	21/26	29/36	34/43
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
Power Supply		208-230V / 1Ph / 60Hz				
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor – Residential & Commercial				

SYSTEM TYPE		INDOOR UNIT	
Model		GMV-ND24G/NhA1C-T(U)	
SYSTEM PERFORMANCE (Non-Ducted Indoor Units)			
Cooling Capacity - Nominal	Btu/h	24,000	
Heating Capacity - Nominal	Btu/h	27,000	
MCA	A	1.1	
MOP	A	15	
Air Flow	CFM	530	
Sound Pressure Level (H/M/L)	dB(A)	44 / 42 / 38	
Condensate Drain Size (OD)	in	13/16	
Unit Dimension (W x H x D)	in	43-15/16 x 9-3/4 x 13-1/8	
Package Dimension (W x H x D)	in	49-1/4 x 16-1/2 x 14-1/32	
Weight (Net / Gross)	lbs	34/43	
Line Set Size (Liquid - Gas)	in	1/4-1/2	
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

SYSTEM TYPE	INDOOR UNIT			
Model	GMV-ND12A/NhB-T(U)	GMV-ND18A/NhB-T(U)	GMV-ND24A/NhB-T(U)	GMV-ND30A/NhB-T(U)
Cooling Capacity - Nominal	12,000	18,000	24,000	30,000
Heating Capacity - Nominal	13,500	20,000	27,000	34,000
MCA	2	2	3	3
MOP	15	15	15	15
Air Flow (H/M/L)	650 / 520 / 300	650 / 520 / 300	880 / 800 / 690	910 / 820 / 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 (H/M/L)	40 / 37 / 35	40 / 37 / 35	42 / 40 / 38	42 / 40 / 38
Condensate Drain Size (NPT in.)	3/4	3/4	3/4	3/4
Unit Dimension (W x D x H)	21-1/4 x 18-1/8 x 43-1/2	21-1/4 x 18-1/8 x 43-1/2	21-1/4 x 18-1/8 x 43-1/2	21-1/4 x 18-1/8 x 43-1/2
Package Dimension (W x D x H)	26 x 20-9/16 x 46-1/4	26 x 20-9/16 x 46-1/4	26 x 20-9/16 x 46-1/4	26 x 20-9/16 x 46-1/4
Weight (Net / Gross)	126 / 139	126 / 139	130 / 143	130 / 143
Line Set Size (Liquid - Gas)	1/4 - 3/8	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		

SYSTEM TYPE	INDOOR UNIT			
Model	GMV-ND36A/NhB-T(U)	GMV-ND42A/NhB-T(U)	GMV-ND48A/NhB-T(U)	GMV-ND60A/NhB-T(U)
Cooling Capacity - Nominal	36,000	42,000	48,000	60,000
Heating Capacity - Nominal	40,000	47,000	54,000	66,000
MCA	4	4	7.7	7.7
MOP	15	15	15	15
Air Flow (H/M/L)	1230 / 1100 / 970	1260 / 1120 / 1000	1800 / 1600 / 1500	1820 / 1650 / 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 (H/M/L)	48 / 46 / 44	48 / 46 / 44	51 / 50 / 49	51 / 50 / 49
Condensate Drain Size (NPT in.)	3/4	3/4	3/4	3/4
Unit Dimension (W x D x H)	21-1/4 x 21-1/4 x 48-1/4	21-1/4 x 21-1/4 x 48-1/4	24-13/16 x 21-1/4 x 51-15/16	24-13/16 x 21-1/4 x 51-15/16
Package Dimension (W x D x H)	26 x 23-3/4 x 51	26 x 23-3/4 x 51	27-5/16 x 26 x 54-13/16	27-5/16 x 26 x 54-13/16
Weight (Net / Gross)	157 / 172	157 / 172	194 / 212	194 / 212
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			
Code	Part number	Description	Compatible Air Handling Units
FLEXA2LHTR05KWD	320004060249	5 kW	GMV-ND12A/NhB-T(U) - GMV-ND60A/NhB-T(U)
FLEXA2LHTR10KWD	320004060250	10 Kw	
FLEXA2LHTR15KWD	320004060251	15 kW	GMV-ND36A/NhB-T(U) - GMV-ND60A/NhB-T(U)
FLEXA2LHTR20KWD	320004060252	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 DUCT

SYSTEM TYPE		INDOOR UNIT				
Model		GMV-ND07PHS/NhD-T(U)	GMV-ND09PHS/NhD-T(U)	GMV-ND12PHS/NhD-T(U)	GMV-ND18PHS/NhD-T(U)	GMV-ND24PHS/NhD-T(U)
Cooling Capacity - Nominal	Btu/h	7,500	9,500	12,000	18,000	24,000
Heating Capacity - Nominal	Btu/h	8,500	10,500	13,500	20,000	27,000
MCA	A	1.4	1.4	1.4	1.8	2.2
MOP	A	15	15	15	15	15
Air Flow (H/M/L)	CFM	470 / 355 / 295	470 / 355 / 295	470 / 355 / 295	590 / 470 / 410	735 / 620 / 560
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 (H/M/L)	dB(A)	33 / 30 / 27	33 / 30 / 27	33 / 32 / 29	39 / 36 / 33	40 / 37 / 34
Condensate Drain Size (NPT in.)	in	3/4	3/4	3/4	3/4	3/4
Unit Dimension (W x D x H)	in	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	39-3/8 x 27-9/16 x 11-13/16	39-3/8 x 27-9/16 x 11-13/16
Package Dimension (W x D x H)	in	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	47-7/16 x 32 x 14-3/16	47-7/16 x 32 x 14-3/16
Weight (Net / Gross)	lbs	94 / 108	94 / 108	94 / 108	95 / 109	95 / 109
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				

SYSTEM TYPE		INDOOR UNIT				
Model		GMV-ND30PHS/NhD-T(U)	GMV-ND36PHS/NhD-T(U)	GMV-ND42PHS/NhD-T(U)	GMV-ND48PHS/NhD-T(U)	GMV-ND54PHS/NhD-T(U)
Cooling Capacity - Nominal	Btu/h	30,000	36,000	42,000	48,000	54,000
Heating Capacity - Nominal	Btu/h	34,000	40,000	47,000	54,000	60,000
MCA	A	2.7	2.7	2.7	3.7	3.7
MOP	A	15	15	15	15	15
Air Flow (H/M/L)	CFM	1175 / 940 / 825	1175 / 940 / 825	1175 / 940 / 825	1470 / 1175 / 1030	1470 / 1175 / 1030
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 (H/M/L)	dB(A)	44 / 40 / 37	44 / 40 / 37	44 / 40 / 37	46 / 44 / 41	46 / 44 / 41
Condensate Drain Size (NPT in.)	in	3/4	3/4	3/4	3/4	3/4
Unit Dimension (W x D x H)	in	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	55-1/8 x 27-9/16 x 11-13/16	55-1/8 x 27-9/16 x 11-13/16
Package Dimension (W x D x H)	in	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	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

SYSTEM TYPE		INDOOR UNIT				
Model		GMV-ND05T/NhE-T(U)	GMV-ND07T/NhE-T(U)	GMV-ND09T/NhE-T(U)	GMV-ND12T/NhE-T(U)	GMV-ND18T/NhE-T(U)
Cooling Capacity - Nominal	Btu/h	5,800	7,500	9,500	12,000	18,000
Heating Capacity - Nominal	Btu/h	6,200	8,500	10,500	13,500	20,000
MCA	A	0.5	0.5	0.5	0.5	0.5
MOP	A	15	15	15	15	15
Air Flow (H/M/L)	CFM	290 / 270 / 220	290 / 270 / 220	360 / 320 / 280	360 / 320 / 280	430 / 385 / 330
Sound Pressure Level (H/M/L)	dB(A)	33 / 30 / 28	33 / 30 / 28	37 / 35 / 30	37 / 35 / 30	43 / 40 / 38
Condensate Drain Size (NPT)	in	3/4	3/4	3/4	3/4	3/4
Unit Dimension (W x D x H)	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 (W x D x H)	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	37.5 / 47.4	37.5 / 47.4	37.5 / 47.4	37.5 / 47.4	37.5 / 47.4
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
Power Supply		208-230V / 1Ph / 60Hz				
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor – Residential & Commercial				

CASSETTE GRILLE (Required)		TF05				
Grille Dimension (W x D x H)	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 (W x D x H)	in	27-1/4 x 27-1/4 x 4-1/2	27-1/4 x 27-1/4 x 4-1/2	27-1/4 x 27-1/4 x 4-1/2	27-1/4 x 27-1/4 x 4-1/2	27-1/4 x 27-1/4 x 4-1/2
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

SYSTEM TYPE		INDOOR UNIT				
Model		GMV-ND07T/NhD-T(U)	GMV-ND09T/NhD-T(U)	GMV-ND12T/NhD-T(U)	GMV-ND15T/NhD-T(U)	GMV-ND18T/NhD-T(U)
Cooling Capacity - Nominal	Btu/h	7,500	9,500	12,000	15,000	18,000
Heating Capacity - Nominal	Btu/h	8,500	10,500	13,500	17,000	20,000
MCA	A	.9	.9	.9	.9	.9
MOP	A	15	15	15	15	15
Air Flow (H/M/L)	CFM	470 / 412 / 353	470 / 412 / 353	470 / 412 / 353	560 / 500 / 440	560 / 500 / 440
Sound Pressure Level (H/M/L)	dB(A)	37 / 33 / 28	37 / 33 / 28	37 / 33 / 28	40 / 37 / 34	40 / 37 / 34
Condensate Drain Size (NPT)	in	3/4	3/4	3/4	3/4	3/4
Unit Dimension (W x D x H)	in	33-1/16 x 33-1/16 x 9-7/16	33-1/16 x 33-1/16 x 9-7/16	33-1/16 x 33-1/16 x 9-7/16	33-1/16 x 33-1/16 x 9-7/16	33-1/16 x 33-1/16 x 9-7/16
Package Dimension (W x D x H)	in	36-3/4 x 36-3/4 x 11-1/2	36-3/4 x 36-3/4 x 11-1/2	36-3/4 x 36-3/4 x 11-1/2	36-3/4 x 36-3/4 x 11-1/2	36-3/4 x 36-3/4 x 11-1/2
Weight (Net / Gross)	lbs	50 / 61	50 / 61	50 / 61	50 / 61	50 / 61
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				

SYSTEM TYPE		INDOOR UNIT				
Model		GMV-ND24T/NhD-T(U)	GMV-ND30T/NhD-T(U)	GMV-ND36T/NhD-T(U)	GMV-ND42T/NhD-T(U)	GMV-ND48T/NhD-T(U)
Cooling Capacity - Nominal	Btu-h	24,000	30,000	36,000	42,000	48,000
Heating Capacity - Nominal	Btu-h	27,000	34,000	40,000	47,000	54,000
MCA	A	1.1	1.2	1.2	1.3	1
MOP	A	15	15	15	15	15
Air Flow (H/M/L)	CFM	736 / 677 / 588	883 / 706 / 588	883 / 706 / 588	1060 / 853 / 677	1060 / 853 / 677
Sound Pressure Level (H/M/L)	dB(A)	40 / 37 / 34	44 / 39 / 34	44 / 39 / 34	45 / 40 / 35	45 / 40 / 35
Condensate Drain Size (NPT)	in	3/4	3/4	3/4	3/4	3/4
Unit Dimension (W x D x H)	in	33-1/16 x 33-1/16 x 11-7/16	33-1/16 x 33-1/16 x 11-7/16	33-1/16 x 33-1/16 x 11-7/16	33-1/16 x 33-1/16 x 11-7/16	33-1/16 x 33-1/16 x 11-7/16
Package Dimension (W x D x H)	in	36-3/4 x 36-3/4 x 13-9/16	36-3/4 x 36-3/4 x 13-9/16	36-3/4 x 36-3/4 x 13-9/16	36-3/4 x 36-3/4 x 13-9/16	36-3/4 x 36-3/4 x 13-9/16
Weight (Net - Gross)	lbs	56 / 67	56 / 67	56 / 67	56 / 67	56 / 67
Line Set Size (Liquid - Gas)	in	1/4 x 1/2	3/8 x 5/8	3/8 x 5/8	3/8 x 5/8	3/8 x 5/8
Power Supply		208-230V - 1Ph - 60Hz				
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor – Residential & Commercial				

CASSETTE GRILLE (Required)		TF06				
Grille Dimension (W x D x H)	in	37-3/8 x 37-3/8 x 2-9/16	37-3/8 x 37-3/8 x 2-9/16	37-3/8 x 37-3/8 x 2-9/16	37-3/8 x 37-3/8 x 2-9/16	37-3/8 x 37-3/8 x 2-9/16
Package Dimension (W x D x H)	in	40-5/8 x 40-1/8 x 4-3/8	40-5/8 x 40-1/8 x 4-3/8	40-5/8 x 40-1/8 x 4-3/8	40-5/8 x 40-1/8 x 4-3/8	40-5/8 x 40-1/8 x 4-3/8
Weight (Net / Gross)	lbs	13.2 / 20.9	13.2 / 20.9	13.2 / 20.9	13.2 / 20.9	13.2 / 20.9



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



Provides precisely conditioned fresh air at the desired temperature to maintain superior indoor air quality.

ONE-WAY CASSETTE

SYSTEM TYPE		INDOOR UNIT		
Model		GMV-ND07TD/NhA-T(U)	GMV-ND09TD/NhA-T(U)	GMV-ND12TD/NhA-T(U)
Cooling Capacity - Nominal	Btu/h	7,500	9,500	12,000
Heating Capacity - Nominal	Btu/h	8,500	10,500	13,500
MCA	A	3	3	3
MOP	A	15	15	15
Air Flow (H/M/L)	CFM	353 / 294 / 265	353 / 294 / 265	353 / 294 / 265
Sound Pressure Level (H/M/L)	dB(A)	36 / 33 / 28	36 / 33 / 28	36 / 33 / 28
Condensate Drain Size	in	1	1	1
Unit Dimension (W x D x H)	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 (W x D x H)	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	42 / 57	42 / 57	42 / 57
Line Set Size (Liquid - Gas)	in	1/4 / 3/8	1/4 / 3/8	1/4 / 3/8
Power Supply		208-230V / 1Ph / 60Hz		
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor – Residential & Commercial		

CASSETTE GRILLE (Required)		TD01		
Grille Dimension (W x D x H)	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 (W x D x H)	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

FRESH AIR PROCESSING UNIT

SYSTEM TYPE		INDOOR UNIT		
Model		GMV-NDX42P/NhD-T(U)	GMV-NDX48P/NhD-T(U)	GMV-NDX54P/NhD-T(U)
Cooling Capacity - Nominal	Btu/h	42,000	48,000	54,000
Heating Capacity - Nominal	Btu/h	29,000	34,000	45,000
MCA	A	2.7	2.7	3.7
MOP	A	15	15	15
Air Flow (H/M/L)	CFM	705 / 590 ~ 1175	706 / 590 ~ 1175	880 / 705 ~ 1470
Sound Pressure Level	dB(A)	45	45	46
Condensate Drain Size	in	3/4	3/4	3/4
Unit Dimension (W x D x H)	in	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 (W x D x H)	in	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	126 / 141	127 / 141	128 / 141
Line Set Size (Liquid - Gas)	in	3/8 / 5/8	3/8 / 5/8	3/8 / 5/8
Power Supply		208-230V / 1Ph / 60Hz		

- Applications for residential homes, villas business buildings, hotels, apartments
- Can be combined with Gree GMV6 R32
- With auto changeover, the unit controls refrigerant output according to actual needs, ensuring constant air flow temperature
- Adjusts power output so that high power operation during light-load conditions are avoided. 589 - 2060 CFM
- Total capacity of connected fresh air fan-coils and indoor units must be within 50% - 100% of the capacity of the outdoor unit.
- Total capacity of connected fresh air fan-coils cannot exceed 30% of the capacity of the outdoor unit.
- Designed for 0.2/0.6-0.88 in. W.G

CONTROLS & ACCESSORIES

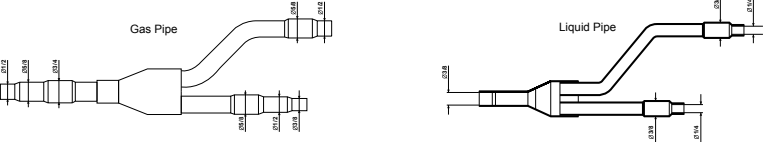
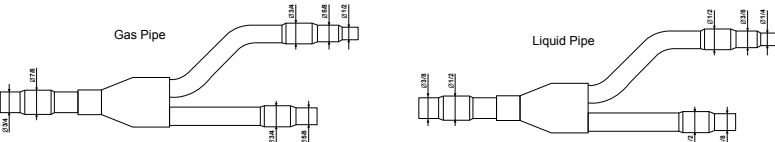
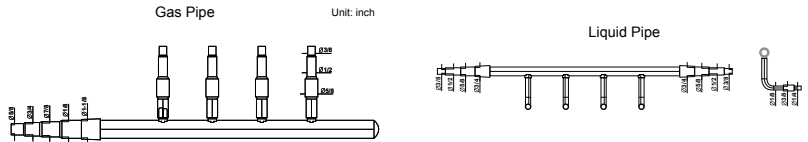
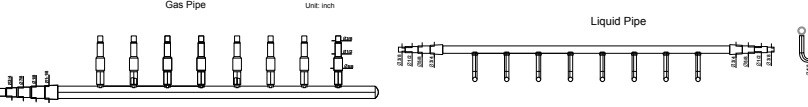
MODEL	CONTROLLER	STANDARD	COMPATIBLE WITH	FEATURES & FUNCTIONS
YAP1F		INCLUDED	HIGH WALL, COMPACT AND STANDARD CEILING CASSETTES, 1-WAY CEILING CASSETTES	Wireless Remote Controller - Included with all ductless units including High Wall, Ceiling Cassettes - Includes all operation features such as mode selection, fan speeds, setpoint control, timers, sleep, and more
XE7C-23/H		STANDARD CONTROLLER FOR R32 DUCTED UNITS	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/(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 / ME32-23/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), if applicable on IDU - 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



GREE MINI-SPLITS

A solution to meet all your needs.

Y-BRANCHES AND HEADERS

FQ01AA		Y Branch for GMV5 capacity <68,000 Btu/h
FQ01BA		Y Branch for GMV5 capacity >68,000 Btu/h
FQ14/H1		T-Type 4 port Manifold <136,000 Btu/h
FQ18/H1		T-Type 8 port Manifold 136,000 - 232,000 Btu/h





IT ALL FITS TOGETHER
FOR COMFORT



- UP TO 21.0 SEER2 / 13.6 EER2 / 10.0 HSPF2 EFFICIENCY
- COOLING RANGE -22°F - 118°F
- HEATING RANGE -22°F - 75°F
- MAXIMUM LINE LENGTH: 328 FT.

A MULTI-ZONE SYSTEM WITH ALL THE
OPTIONS FOR EACH SPACE

GREE’s Multi-Zone systems deliver versatility and high performance. With 7 indoor options to choose from, each space is optimally treated for comfort and efficiency.

- Self-Diagnosis
 - Indoor units powered by outdoor unit
 - Intelligent defrost
 - Automatic voltage adaptation
- Small footprint design
 - Advanced G20 inverter technology
 - Quiet operation
 - Up to 7 unique indoor options

SYSTEM TYPE			HEAT PUMP					
Outdoor Model			MUL18HP230V1R32AO	MUL24HP230V1R32AO	MUL30HP230V1R32AO	MUL36HP230V1R32AO	MUL42HP230V1R32AO	MUL48HP230V1R32AO
Number of Zones			2	2 - 3	2 - 4	2 - 4	2 - 5	2 - 5
SYSTEM PERFORMANCE (Non-Ducted Indoor Units)								
Cooling Capacity	Min - Max	Btu/h	7,300 - 19,800	7,500 - 31,400	8,190 - 34,100	8,870 - 40,900	8,870 - 44,300	8,870 - 49,133
	Rated Capacity @95°F	Btu/h	18,000	24,000	28,400	36,000	42,000	48,000
Heating Capacity	Min - Max	Btu/h	7,300 - 18,100	7,500 - 31,400	8,190 - 40,900	8,870 - 51,180	8,870 - 54,592	8,870 - 54,592
	Rated Capacity @47°F	Btu/h	18,000	24,000	30,000	36,000	42,000	48,000
	Rated Capacity @17°F	Btu/h	16,000	23,600	28,000	36,000	40,000	40,000
	Rated Capacity @5°F	Btu/h	13,800	21,600	27,000	36,000	37,800	37,800
SEER2			21	21	21	21	21	21
EER2			12.0	13.3	13.6	12.0	13.0	12.0
HSPF2			10.0	10.0	10.0	10.0	10.0	10.0
COP @5°F			2.0	2.0	2.07	2.10	2.10	2.10
Energy Star® South			YES	YES	YES	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES	YES	YES
SYSTEM PERFORMANCE (Ducted Indoor Units)								
Cooling Capacity	Min - Max	Btu/h	7,300 - 19,800	7,500 - 31,400	8,190 - 34,100	8,870 - 40,900	8,870 - 44,300	8,870 - 49,133
	Rated Capacity @95°F	Btu/h	18,000	24,000	28,400	36,000	42,000	48,000
Heating Capacity	Min - Max	Btu/h	7,300 - 18,100	7,500 - 31,400	8,190 - 40,900	8,870 - 51,180	8,870 - 54,592	8,870 - 54,592
	Rated Capacity @47°F	Btu/h	18,000	24,000	30,000	36,000	42,000	48,000
	Rated Capacity @17°F	Btu/h	15,000	22,000	27,200	36,000	40,000	40,000
	Rated Capacity @5°F	Btu/h	13,600	21,600	26,000	33,000	36,000	36,000
SEER2			18.0	18.0	18.0	18.0	18.0	18.0
EER2			11.7	12.0	12.0	11.7	12.0	11.7
HSPF2			8.1	8.1	8.1	8.1	8.1	8.1
COP @5°F			1.86	1.86	1.88	1.90	1.90	1.90
Energy Star® South			YES	YES	YES	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES	YES	YES
SYSTEM PERFORMANCE (Mixed Ducted and Non-Ducted Indoor Units)								
Cooling Capacity	Min - Max	Btu/h	7,300 - 19,800	7,500 - 31,400	8,190 - 34,100	8,870 - 40,900	8,870 - 44,300	8,870 - 49,133
	Rated Capacity @95°F	Btu/h	18,000	24,000	28,400	36,000	42,000	48,000
Heating Capacity	Min - Max	Btu/h	7,300 - 18,100	7,500 - 31,400	8,190 - 40,900	8,870 - 51,180	8,870 - 54,592	8,870 - 54,592
	Rated Capacity @47°F	Btu/h	18,000	24,000	30,000	36,000	42,000	48,000
	Rated Capacity @17°F	Btu/h	15,400	23,000	27,600	36,000	40,000	40,000
	Rated Capacity @5°F	Btu/h	13,700	21,600	26,400	34,000	37,000	37,000
SEER2			19.0	19.0	19.0	19.0	19.0	19.0
EER2			11.8	12.2	12.2	11.8	12.2	11.8
HSPF2			9.0	9.0	9.0	9.0	9.0	9.0
COP @5°F			1.80	1.80	1.81	1.84	1.84	1.84
Energy Star® South			YES	YES	YES	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES	YES	YES
OUTDOOR UNIT			MUL18HP230V1R32AO	MUL24HP230V1R32AO	MUL30HP230V1R32AO	MUL36HP230V1R32AO	MUL42HP230V1R32AO	MUL48HP230V1R32AO
Cooling Temperature Range		°F	-22 - 118					
Heating Temperature Range		°F	-22 - 75					
Refrigerant Type			R32					
Compressor Type			GREE G20 / Double Cylinder / 1 - Stage Inverter					
Sound Pressure Level		dB(A)	51	55	58	59	59	59
External Dimensions (W x H x D)		in	32-23/64 x 21-42/64 x 13-55/64	37-61/64 x 25-63/64 x 15-53/64	40-10/64 x 32-33/64 x 16-52/64	40-10/64 x 32-33/64 x 16-52/64	40-10/64 x 32-33/64 x 16-52/64	40-10/64 x 32-33/64 x 16-52/64
Package Dimension (W x H x D)		in	34-21/64 x 24-13/32 x 15-43/64	40-5/8 x 29-1/64 x 17-61/64	43-1/32 x 34-27/32 x 19-9/16	43-1/32 x 34-27/32 x 19-9/16	43-1/32 x 34-27/32 x 19-9/16	43-1/32 x 34-27/32 x 19-9/16
Net Weight		lbs	78.3	112.5	145.5	173.1	174.2	174.2
Gross Weight		lbs	84.9	122.4	161.0	188.5	189.6	189.6
REFRIGERANT PIPING								
Refrigerant Charge - R32		oz	31.752	59.976	77.616	95.256	95.256	95.256
Compressor Type			GREE G20 / Double Cylinder / 1 - Stage Inverter					
Additional Charge		oz/ft	0.2	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	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	1/4 - 3/8
	Port C (in)			1/4 - 3/8	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	1/4 - 3/8
	Port E (in)					1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
Pre-Charge Length		ft	33	98	131	131	164	164
Pipe Length (Min - Max)		ft	10 - 131	10 - 197	10 - 263	10 - 263	10 - 328	10 - 328
Pipe Length to furthest Indoor Unit		ft	66	66	82	82	82	82
Max. Pipe Elevation		ft	49	49	82	82	82	82
ELECTRICAL								
Power Supply			208-230V / 1Ph / 60Hz					
Voltage Range (Min - Max)		VAC	187 - 253					
Rated Current - Cooling		A	11	14	20	21.7	21.7	21.7
Rated Current - Heating		A	11	14.8	21.7	22.6	22.6	22.6
MOCP		A	20	25	30	35	35	35
MCA		A	14.5	19.5	23	30	30	30
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 SINGLE & MULTI-ZONE SYSTEMS

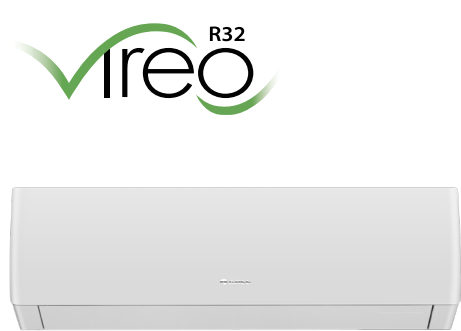
WALL MOUNTS

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



- Auto clean
 - Dehumidification
 - I-Feel functionality
 - Self-diagnosis
- Multiple fan speeds
 - Automatic voltage adaptation
 - Low voltage start-up
 - Swing louver control

LIVO systems deliver great performance and efficiency while also keeping your budget in mind. Like all GREE systems, the variable speed compressor and intelligent design allow for ease-of-use, reliability, and quiet operation.



- Auto clean
 - Dehumidification
 - I-Feel functionality
 - Self-diagnosis
- Multiple fan speeds
 - Automatic voltage adaptation
 - Low voltage start-up
 - Swing louver control

VIREO systems provide the utmost flexibility and performance. With a wide range of indoor unit options, the VIREO fits with any decor or situation. The system’s high performance delivers ample heating and cooling for both seasons and operates with utmost efficiency. Finally, the VIREO is whisper-quiet for ultimate comfort.



- Option for Fresh Air kit
 - Dehumidification
 - Auto clean
 - Self-diagnosis
- Multiple fan speeds
 - Automatic voltage adaptation
 - Low voltage start-up
 - Swing louver control

ENVO systems can handle those challenging environments that require outside air when you include the optional fresh air kit. With GREE’s superior reliability and performance, the ENVO can tackle most applications.



- Precise airflow control
 - Intelligent pre-heating & defrost
 - Auto clean
 - Self-diagnosis
- Multiple fan speeds
 - Automatic voltage adaptation & low voltage start-up
 - Sleep & timer functions
 - Swing louver control

SAPPHIRE is the product of choice for its sleek design, quiet operation, and industry-leading efficiency. For all applications, the performance data speaks for itself. Experience the next generation of mini-splits.

LIVO R32 WALL MOUNT

MODEL		LIV05HP230V1R32AH	LIV07HP230V1R32AH
Air flow (Min - Max)	CFM	135 - 247	135 - 259
Sound Pressure Level (Min - Max)	dB(A)	24 - 38	23 - 38
Dehumidification	pt/hr	0.63	1.27
External Dimensions (W x H x D)	in	27 7/8 x 10 1/4 x 7 5/6	27 7/8 x 10 1/4 x 7 5/16
Package Dimension (W x H x D)	in	29 5/8 x 13 1/16 x 10 3/16	29 5/8 x 13 1/16 x 10 3/16
Net Weight	lbs	15.4	15.4
Gross Weight	lbs	18.7	18.7
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 3/8

MODEL		LIV09HP115V1R32AH	LIV12HP115V1R32AH	LIV09HP230V1R32AH	LIV12HP230V1R32AH	LIV18HP230V1R32AH	LIV24HP230V1R32AH	LIV30HP230V1R32AH	LIV36HP230V1R32AH
Air flow (Min - Max)	CFM	159 - 353	182 - 424	159 - 353	182 - 424	282 - 618	412 - 677	441 - 794	441 - 794
Sound Pressure Level (Min - Max)	dB(A)	24 - 43	27 - 47	24 - 41	27 - 47	34 - 53	36 - 51	36 - 52	36 - 52
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 x 10-53/64 x 7-7/8	32-7/8 x 10-53/64 x 7-7/8	32-7/8 x 10-53/64 x 7-7/8	32-7/8 x 10-53/64 x 7-7/8	37-1/8 x 13-7/64 x 9-11/16	42-7/16 x 13-7/64 x 9-11/16	42-7/16 x 13-7/64 x 9-11/16	42-7/16 x 13-7/64 x 9-11/16
Package Dimension (W x H x D)	in	35-15/64 x 13-37/64 x 10-43/64	35-15/64 x 13-37/64 x 10-43/64	35-15/64 x 13-37/64 x 10-43/64	35-15/64 x 13-37/64 x 10-43/64	39-13/32 x 15-15/16 x 12-43/64	44-39/64 x 16-19/64 x 13-7/64	44-39/64 x 16-19/64 x 13-7/64	44-39/64 x 16-19/64 x 13-7/64
Net Weight	lbs	19.8	19.8	19.8	19.8	28.7	33.1	34.2	34.2
Gross Weight	lbs	24.3	24.3	24.3	24.3	34.2	39.7	40.8	40.8
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 - 1/2	1/4 - 5/8	1/4 - 5/8

LIMITED WARRANTY	5 Years Parts, 7 Years Compressor - Residential & Commercial								
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VIREO R32 WALL MOUNT

MODEL		VIR09HP230V1R32AH		VIR12HP230V1R32AH	VIR18HP230V1R32AH	VIR24HP230V1R32AH
Air flow (Min - Max)	CFM	194 - 353		230 - 400	324 - 589	383 - 736
Sound Pressure Level (Min - Max)	dB(A)	20 - 41		20 - 43	27 - 48	34 - 52
Dehumidification	pt/hr	1.69		2.96	3.80	4.23
External Dimensions (W x H x D)	in	32-31/64 x 11-17/32 x 7-23/32		32-31/64 x 11-17/32 x 7-23/32	38-21/32 x 12-1/4 x 8-45/64	42-21/64 x 13-7/64 x 9-11/16
Package Dimension (W x H x D)	in	34-29/64 x 14-3/8 x 10-35/64		34-29/64 x 14-3/8 x 10-35/64	41-7/64 x 15-5/32 x 11-11/16	44-39/64 x 16-19/64 x 13-7/64
Net Weight	lbs	20.9		20.9	28.7	35.3
Gross Weight	lbs	25.4		25.4	34.2	41.9
Line Set Size (Liquid - Gas) - Flared Connections	in	1/4 - 3/8		1/4 - 1/2	1/4 - 1/2	1/4 - 5/8

LIMITED WARRANTY	5 Years Parts, 7 Years Compressor - Residential & Commercial					
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ENVO R32 WALL MOUNT

MODEL		ENV09HP230V1R32AH		ENV12HP230V1R32AH	ENV18HP230V1R32AH	ENV24HP230V1R32AH
Air flow (Min - Max)	CFM	129 - 353		212 - 400	324 - 589	235 - 559
Sound Pressure Level (Min - Max)	dB(A)	20 - 41		20 - 43	29 - 48	30 - 48
Dehumidification	pt/hr	1.69		2.96	3.80	5.07
External Dimensions (W x H x D)	in	32 61/64 x 11 17/32 x 7 7/8		32 61/64 x 11 17/32 x 7 7/8	39 3/32 x 12 1/4 x 8 47/64	39 3/32 x 12 1/4 x 8 47/64
Package Dimension (W x H x D)	in	35 9/32 x 14 11/16 x 10 45/64		35 18/64 x 14 44/64 x 10 45/64	41 17/32 x 15 5/32 x 11 47/64	41 17/32 x 15 5/32 x 11 47/64
Net Weight	lbs	20.9		20.9	29.8	29.8
Gross Weight	lbs	25.4		25.4	35.3	35.3
Line Set Size (Liquid - Gas) - Flared Connections	in	1/4 - 3/8		1/4 - 1/2	1/4 - 1/2	1/4 - 5/8

LIMITED WARRANTY	5 Years Parts, 7 Years Compressor - Residential & Commercial					
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SAPPHIRE R32 WALL MOUNT

MODEL		SAP09HP230V1R32AH		SAP12HP230V1R32AH	SAP18HP230V1R32AH	SAP24HP230V1R32AH
Air flow (Min - Max)	CFM	265 - 506		353 - 565	471 - 736	353 - 765
Sound Pressure Level (Min - Max)	dB(A)	23 - 42		27- 43	35 - 49	36 - 53
Dehumidification	pt/hr	1.69		2.96	3.80	7.40
External Dimensions (W x H x D)	in	38-3/16 x 13-21/32 x 10-1/8		38-3/16 x 13-21/32 x 10-1/8	43-45/64 x 13-21/32 x 10-1/8	43-45/64 x 13-21/32 x 10-1/8
Package Dimension (W x H x D)	in	40-7/16 x 13-11/32 x 16-1/2		40-7/16 x 13-11/32 x 16-1/2	45-55/64 x 13-21/32 x 16-1/2	45-55/64 x 13-21/32 x 16-1/2
Net Weight	lbs	33.1		33.1	38.6	39.7
Gross Weight	lbs	38.6		38.6	45.2	46.3
Line Set Size (Liquid - Gas) - Flared Connections	in	1/4 - 1/2		1/4 - 1/2	1/4 - 5/8	1/4 - 5/8

LIMITED WARRANTY	5 Years Parts, 7 Years Compressor - Residential & Commercial					
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INDOOR UNIT OPTIONS FOR SINGLE & MULTI-ZONE SYSTEMS

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



- 4-Way discharge air
- Multiple fan speeds
- Swing louver control
- Automatic voltage adaption
- Internal condensate drain pump
- Sentry float switch
- Refrigerant sensor
- Anti-corrosion fins

GREE’s ceiling cassette inconspicuously provides quiet performance through its innovative, 360° 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.



- High E.S.P capability-adjustable
- Slim line construction
- Outside air capability
- Cleanable air filter
- Flexible return air from bottom or rear
- Internal condensate pump
- Sentry float switch
- Refrigerant sensor

Install a slim duct in a ceiling or wall for a concealed HVAC solution that distributes air through minimal ductwork. Operating quietly and efficiently, the slim duct is nearly invisible in any room as it delivers consistent comfort in heating or cooling.



- Multiple fan speeds
- Swing louver control
- Multi-directional air flow
- Automatic voltage adaption
- Floor standing or ceiling mount
- Refrigerant sensor
- Remote & wired controller options
- Anti-corrosion fins

With its sleek design and flexible installation options, the floor-ceiling unit is ideal for open spaces or rooms with unique layouts, delivering reliable heating and cooling with the utmost energy efficiency.

360° CASSETTE

MODEL		CAS09HP230V1R32AH	CAS12HP230V1R32AH	CAS18HP230V1R32AH	CAS24HP230V1R32AH	CAS30HP230V1R32AH	CAS36HP230V1R32AH
Air flow (Min-Max)	CFM	206 - 330	206 - 330	206 - 383	488 - 647	647 - 1000	665 - 1071
Sound Pressure Level (Min - Max)	dB(A)	27 - 40	29 - 41	28 - 44	38 - 44	38 - 51	38 - 52
Dehumidification	pt/hr	1.69	2.96	3.80	4.23	7.40	7.82
External Dimensions (L x D x H)	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	33-5/64 x 33-5/64 x 9-29/64	33-5/64 x 33-5/64 x 9-29/64	33-5/64 x 33-5/64 x 9-29/64
Package Dimension (L x W x H)	in	27-31/64 x 25-45/64 x 11-39/64	27-31/64 x 25-45/64 x 11-39/64	27-31/64 x 25-45/64 x 11-39/64	37-29/32 x 37-29/32 x 12-51/64	36-47/64 x 35-35/64 x 10-45/64	36-47/64 x 35-35/64 x 10-45/64
Net Weight	lbs	37.5	37.5	37.5	63.9	49.6	50.7
Gross Weight	lbs	48.5	48.5	48.5	83.8	62.8	63.9
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8
CASSETTE GRILLE (REQUIRED)		GREETF05	GREETF05	GREETF05	GREETF06	GREETF06	GREETF06
Grille Dimension (L x D x H)	in	24-13/32 x 24-13/32 x 1-7/8	24-13/32 x 24-13/32 x 1-7/8	24-13/32 x 24-13/32 x 1-7/8	37-13/32 x 37-13/32 x 2-3/64	37-13/32 x 37-13/32 x 2-3/64	37-13/32 x 37-13/32 x 2-3/64
Package Dimension (L x W x H)	in	27-19/32 x 27-19/32 x 4-59/64	27-19/32 x 27-19/32 x 4-59/64	27-19/32 x 27-19/32 x 4-59/64	40-43/64 x 40-55/64 x 4-13/32	40-43/64 x 40-55/64 x 4-13/32	40-43/64 x 40-55/64 x 4-13/32
Weight (Net / Gross)	lbs	6.6 / 9.9	6.6 / 9.9	6.6 / 9.9	13.23 / 20.948	13.23 / 20.948	13.23 / 20.948
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial					

Compatible with Vireo R32, Envo R32 & Sapphire R32 Outdoor Units.   

For larger sizes (30k & 36k), All Match products can be paired with Livo Outdoor Units. 

SLIM DUCT

MODEL		DUC09HP230V1R32AH	DUC12HP230V1R32AH	DUC18HP230V1R32AH	DUC24HP230V1R32AH	DUC30HP230V1R32AH	DUC36HP230V1R32AH
Air flow (Min-Max)	CFM	188 - 324	212 - 353	383 - 883	577 - 1030	647 - 883	853 - 1324
External Static Pressure (Max)	In W.c.	0.6	0.6	0.8	0.8	0.8	0.8
Sound Pressure Level (Min - Max)	dB(A)	25 - 38	25 - 39	25 - 41	27 - 43	37 - 44	39 - 45
Dehumidification	pt/hr	1.69	2.96	3.80	4.23	7.40	7.82
External Dimensions (L x D x H)	in	32-43/64 x 29-11/16 x 11-13/16	32-43/64 x 29-11/16 x 11-13/16	44-31/64 x 29-11/16 x 11-13/16	44-31/64 x 29-11/16 x 11-13/16	35-7/16 x 10-15/64 x 25-25/32	52-3/4 x 25-25/32 x 10-15/64
Package Dimension (L x W x H)	in	35-5/16 x 31-13/16 x 14-11/16	35-5/16 x 31-13/16 x 14-11/16	47-7/16 x 32-1/64 x 14-11/64	47-7/16 x 32-1/64 x 14-11/64	43-57/64 x 30-25/64 x 12-19/32	61-47/64 x 30-5/16 x 12-23/32
Net Weight	lbs	70.6	70.6	92.6	92.6	66.2	94.8
Gross Weight	lbs	83.8	83.8	106.9	106.9	77.2	108.0
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 3/8	1/4 - 3/8	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial					

Compatible with Vireo R32, Envo R32 & Sapphire R32 Outdoor Units.   

For larger sizes (30k & 36k), All Match products can be paired with Livo Outdoor Units. 

FLOOR CEILING

MODEL		FLR09HP230V1R32AH	FLR12HP230V1R32AH	FLR18HP230V1R32AH	FLR24HP230V1R32AH	FLR30HP230V1R32AH	FLR36HP230V1R32AH
Air flow (Min-Max)	CFM	247 - 412	247 - 412	277 - 589	441 - 706	706 - 1000	895 - 1236
Sound Pressure Level (Min - Max)	dB(A)	26 - 38	25 - 40	34 - 49	37 - 52	43 - 53	44 - 54
Dehumidification	pt/hr	1.69	2.96	3.80	4.23	7.40	7.82
External Dimensions (L x D x H)	in	34-1/4 x 9-1/4 x 26-3/16	34-1/4 x 9-1/4 x 26-3/16	34-1/4 x 9-1/4 x 26-3/16	47-1/4 x 9-1/4 x 26-3/16	47-1/4 x 9-1/4 x 26-3/16	61-13/16 x 9-1/4 x 26-3/16
Package Dimension (L x W x H)	in	40-11/16 x 30-5/16 x 11-13/16	40-11/16 x 30-5/16 x 11-13/16	40-11/16 x 30-5/16 x 11-13/16	53-11/16 x 30-5/16 x 11-13/16	53-11/16 x 11-13/16 x 30-5/16	68-5/64 x 11-13/16 x 30-5/16
Net Weight	lbs	55.1	55.1	56.2	72.8	70.6	92.6
Gross Weight	lbs	66.2	66.2	67.3	88.2	83.8	108.0
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial					

Compatible with Vireo R32, Envo R32 & Sapphire R32 Outdoor Units.   

For larger sizes (30k & 36k), All Match products can be paired with Livo Outdoor Units. 

* Refrigerant piping must be sized by the indoor unit connections. If the outdoor unit connection is a different size from the indoor unit connection, a flare adapter must be purchased separately and installed on the outdoor unit.

INDOOR UNIT OPTIONS FOR SINGLE & MULTI-ZONE SYSTEMS

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

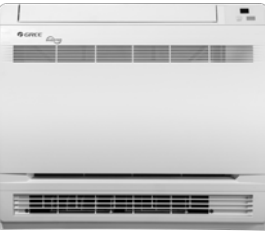
ONE WAY CASSETTE



- Multiple fan speeds
- Swing louver control
- Automatic voltage adaption
- Internal condensate drain pump
- Sentry float switch
- Refrigerant sensor
- Anti-corrosion Fins
- High quality motor

The One-Way Cassette is a sleek, ductless unit designs for spaces that require directional airflow such as small, narrow rooms. Its compact, discreet design blends seamlessly with any ceiling and operates quietly to deliver comfort and efficiency.

MINI CONSOLE



- 2-way discharge air
- Multiple fan speeds
- Swing louver control
- Automatic voltage adaption
- Remote & wired controller options
- Refrigerant sensor
- Anti-corrosion Fins
- High quality motor

This compact unit can be installed in small rooms or under windows to provide even, comfortable airflow at the floor level, maintaining consistent temperatures without drafts. Quiet and efficient, it’s a practical, stylish solution for challenging spaces.

FLOOR STANDING



- Multiple fan speeds
- Sleep function
- Swing louver control
- Automatic voltage adaption
- Privacy lock mode
- Remote & panel controller options
- Anti-corrosion fins
- High quality motor

The floor-standing unit is a versatile option for delivering comfort without compromising on aesthetics or space. The simple design allows for easy maintenance, quick temperature adjustments and energy savings.

AIR HANDLER

COMING SOON



ONE WAY CASSETTE

MODEL		OWC09HP230V1R32AH	OWC12HP230V1R32AH	OWC18HP230V1R32AH	OWC20HP230V1R32AH
Air flow (Min-Max)	CFM	200 - 324	230 - 353	265 - 412	294 - 441
Sound Pressure Level (Min - Max)	dB(A)	28 - 37	28 - 41	32 - 43	36 - 46
Dehumidification	pt/hr	1.69	2.96	3.80	4.23
External Dimensions (L x D x H)	in	38-55/64 x 15-5/32 x 7-1/64	38-55/64 x 15-5/32 x 7-1/64	38-55/64 x 15-5/32 x 7-1/64	38-55/64 x 15-5/32 x 7-1/64
Package Dimension (L x W x H)	in	51-29/64 x 19-23/32 x 12-13/64	51-29/64 x 19-23/32 x 12-13/64	51-29/64 x 19-23/32 x 12-13/64	51-29/64 x 19-23/32 x 12-13/64
Net Weight	lbs	43.0	43.0	44.1	44.1
Gross Weight	lbs	58.4	58.4	59.5	59.5
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2
CASSETTE GRILLE (REQUIRED)		GREETD01	GREETD01	GREETD01	GREETD01
Grille Dimension (L x D x H)	in	47-1/4 x 18-7/64 x 2-11/64	47-1/4 x 18-7/64 x 2-11/64	47-1/4 x 18-7/64 x 2-11/64	47-1/4 x 18-7/64 x 2-11/64
Package Dimension (L x W x H)	in	49-51/64 x 21-7/64 x 4-49/64	49-51/64 x 21-7/64 x 4-49/64	49-51/64 x 21-7/64 x 4-49/64	49-51/64 x 21-7/64 x 4-49/64
Weight (Net / Gross)	lbs	9.26 / 13.23	9.26 / 13.23	9.26 / 13.23	9.26 / 13.23
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial			

Compatible with Vireo R32, Envo R32 & Sapphire R32 Outdoor Units.



MINI CONSOLE

MODEL		CON09HP230V1R32AH	CON12HP230V1R32AH	CON18HP230V1R32AH
Air flow (Min-Max)	CFM	188 - 383	206 - 441	206 - 441
Sound Pressure Level (Min - Max)	dB(A)	23 - 40	25 - 45	32 - 47
Dehumidification	pt/hr	1.69	2.96	3.80
External Dimensions (L x D x H)	in	27-9/16 x 8-15/32 x 23-5/8	27-9/16 x 8-15/32 x 23-5/8	27-9/16 x 8-15/32 x 23-5/8
Package Dimension (L x W x H)	in	31-1/32 x 11-9/64 x 27-23/64	31-1/32 x 11-9/64 x 27-23/64	31-1/32 x 11-9/64 x 27-23/64
Net Weight	lbs	33.1	33.1	34.2
Gross Weight	lbs	39.7	39.7	40.8
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial		

Compatible with Vireo R32, Envo R32 & Sapphire R32 Outdoor Units.



FLOOR STANDING

MODEL		FSU36HP230V1R32AH
Air flow (Min-Max)	CFM	883 - 1148
Sound Pressure Level (Min - Max)	dB(A)	48 - 54
Dehumidification	pt/hr	7.40
External Dimensions (L x D x H)	in	23-7/64 x 15-33/64 x 74-6/64
Package Dimension (L x W x H)	in	28-10/64 x 18-32/64 x 83-42/64
Net Weight	lbs	130.1
Gross Weight	lbs	156.6
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 5/8
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial



Works with Livo R32 outdoor unit.



* Refrigerant piping must be sized by the indoor unit connections. If the outdoor unit connection is a different size from the indoor unit connection, a flare adapter must be purchased separately and installed on the outdoor unit.

APPROVED COMBINATIONS

MODEL NUMBER	TWO UNITS	THREE UNITS	FOUR UNITS	FIVE UNITS
MUL18HP230V1R32AO	9+9			
	9+12			
	12+12			
MUL24HP230V1R32AO	ABOVE SIZES PLUS:			
	9+18			
	12+18			
	18+18			
MUL30HP230V1R32AO	ABOVE SIZES PLUS:	ABOVE SIZES PLUS:		
	9+24	9+9+24		
	12+24	9+12+18		
	18+24	12+12+18		
			9+9+12+12	
MUL36HP230V1R32AO	ABOVE SIZES PLUS:	ABOVE SIZES PLUS:	ABOVE SIZES PLUS:	
	9+24	9+9+24	9+9+9+24	
	12+24	9+12+24	9+9+12+18	
	18+24	9+18+18	9+9+12+24	
	24+24	9+18+24	9+9+18+18	
		12+12+24	9+12+12+12	
		12+18+18	9+12+12+18	
		12+18+24	12+12+12+12	
		18+18+18	12+12+12+18	
MUL42HP230V1R32AO MUL48HP230V1R32AO		ABOVE SIZES PLUS:	ABOVE SIZES PLUS:	
	9+12	9+24+24	9+9+18+24	9+9+9+9+9
	9+18	12+24+24	9+12+12+24	9+9+9+9+12
	9+24	18+18+24	9+12+18+18	9+9+9+9+18
	12+12		9+12+18+24	9+9+9+9+24
	12+18		9+18+18+18	9+9+9+12+12
	12+24		12+12+12+24	9+9+9+12+18
	18+18		12+12+18+18	9+9+9+12+24
	18+24			9+9+9+18+18
	24+24			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: For the 24k & 18k ODU’s you may substitute the 9K IDU’s with 5K or 7K High Wall units.



WHY GREE?

- ✓ Advanced Technology
- ✓ Smart Systems
- ✓ Complete Product Range

Discover more:

MULTI-ZONE COMPATIBILITY CHART

WALL MOUNT OPTIONS



	MULTI-ZONE					
	MUL18HP230V1R32AO	MUL24HP230V1R32AO	MUL30HP230V1R32AO	MUL36HP230V1R32AO	MUL42HP230V1R32AO	MUL48HP230V1R32AO
LIVO R32						
System Model no.						
LIV05HP230V1R32AH	•	•	•	•	•	•
LIV07HP230V1R32AH	•	•	•	•	•	•
LIV09HP230V1R32AH	•	•	•	•	•	•
LIV12HP230V1R32AH	•	•	•	•	•	•
LIV18HP230V1R32AH		•	•	•	•	•
LIV24HP230V1R32AH			•	•	•	•
LIV30HP230V1R32AH						
LIV36HP230V1R32AH						
VIREO R32						
System Model no.						
VIR09HP230V1R32AH	•	•	•	•	•	•
VIR12HP230V1R32AH	•	•	•	•	•	•
VIR18HP230V1R32AH		•	•	•	•	•
VIR24HP230V1R32AH			•	•	•	•
ENVO R32						
System Model no.						
ENV09HP230V1R32AH	•	•	•	•	•	•
ENV12HP230V1R32AH	•	•	•	•	•	•
ENV18HP230V1R32AH		•	•	•	•	•
ENV24HP230V1R32AH			•	•	•	•
SAPPHIRE R32						
System Model no.						
SAP09HP230V1R32AH	•	•	•	•	•	•
SAP12HP230V1R32AH	•	•	•	•	•	•
SAP18HP230V1R32AH		•	•	•	•	•
SAP24HP230V1R32AH				•	•	•



ADDITIONAL INDOOR UNIT OPTIONS

	MULTI-ZONE					
	MUL18HP230V1R32AO	MUL24HP230V1R32AO	MUL30HP230V1R32AO	MUL36HP230V1R32AO	MUL42HP230V1R32AO	MUL48HP230V1R32AO
ONE WAY CASSETTE						
System Model no.						
OWC09HP230V1R32AH	•	•	•	•	•	•
OWC12HP230V1R32AH	•	•	•	•	•	•
OWC18HP230V1R32AH		•	•	•	•	•
OWC20HP230V1R32AH			•	•	•	•
360° CEILING CASSETTE						
System Model no.						
CAS09HP230V1R32AH	•	•	•	•	•	•
CAS12HP230V1R32AH	•	•	•	•	•	•
CAS18HP230V1R32AH		•	•	•	•	•
CAS24HP230V1R32AH			•	•	•	•
SLIM DUCT						
System Model no.						
DUC09HP230V1R32AH	•	•	•	•	•	•
DUC12HP230V1R32AH	•	•	•	•	•	•
DUC18HP230V1R32AH		•	•	•	•	•
DUC24HP230V1R32AH			•	•	•	•
FLOOR/CEILING						
System Model no.						
FLR09HP230V1R32AH	•	•	•	•	•	•
FLR12HP230V1R32AH	•	•	•	•	•	•
FLR18HP230V1R32AH		•	•	•	•	•
FLR24HP230V1R32AH			•	•	•	•
MINI CONSOLE						
System Model no.						
CON09HP230V1R32AH	•	•	•	•	•	•
CON12HP230V1R32AH	•	•	•	•	•	•
CON18HP230V1R32AH		•	•	•	•	•

NOTE: R32 Indoor units are only compatible with R32 Outdoor units. Keep in mind, line set is always sized by the indoor unit valve diameter.

MULTI-ZONE

QUICK REFERENCE GUIDE

OUTDOOR UNITS												
Outdoor Model No.	Nominal Capacity (Btu)	Zones	SEER2 / EER2	HSPF2 / COP @5 °F	Cooling Range (°F)	Heating Range (°F)	Pre-Charge Length	Max Pipe length	Max length to indoor unit	Max Lift/Drop OD to ID units	MCA / MCOP	Min AWG
MULTI GEN2												
MUL18HP230V1R32AO	18K	2	21 / 12	10 / 2.0	-22 - 118	-22 - 75	33'	131'	66'	49'	18.5 / 20	14
MUL24HP230V1R32AO	24K	2 - 3	21 / 13.3	10 / 2.0	-22 - 118	-22 - 75	98'	197'	66'	49'	19.5 / 25	12
MUL30HP230V1R32AO	30K	2 - 4	21 / 13.6	10 / 2.07	-22 - 118	-22 - 75	131'	263'	82'	82'	23 / 35	10
MUL36HP230V1R32AO	36K	2 - 4	21 / 12	10 / 2.1	-22 - 118	-22 - 75	131'	263'	82'	82'	29 / 35	10
MUL42HP230V1R32AO	42K	2 - 5	21 / 13	10 / 2.1	-22 - 118	-22 - 75	164'	328'	82'	82'	29 / 35	10
MUL48HP230V1R32AO	48K	2 - 5	21 / 13	10 / 2.1	-22 - 118	-22 - 75	164'	328'	82'	82'	30 / 45	10

INDOOR UNITS												
Indoor Model No.	Nominal Capacity (Btu)	Line Set (Port) Size	Indoor Model No.	Nominal Capacity (Btu)	Line Set (Port) Size	Indoor Model No.	Nominal Capacity (Btu)	Line Set (Port) Size	Indoor Model No.	Nominal Capacity (Btu)	Line Set (Port) Size	E.S.P
LIVO R32			360° CASSETTE¹			FLOOR/CEILING			SLIM DUCT			
LIV09HP230V1R32AH	9K	1/4 x 3/8	CAS09HP230V1R32AH	9K	1/4 x 3/8	FLR09HP230V1R32AH	9K	1/4 x 3/8	DUC09HP230V1R32AH	9K	1/4 x 3/8	0 - .6
LIV12HP230V1R32AH	12K	1/4 x 3/8	CAS12HP230V1R32AH	12K	1/4 x 3/8	FLR12HP230V1R32AH	12K	1/4 x 3/8	DUC12HP230V1R32AH	12K	1/4 x 3/8	0 - .6
LIV18HP230V1R32AH	18K	1/4 x 1/2	CAS18HP230V1R32AH	18K	1/4 x 1/2	FLR18HP230V1R32AH	18K	1/4 x 1/2	DUC18HP230V1R32AH	18K	1/4 x 5/8	0 - .8
LIV24HP230V1R32AH	24K	1/4 x 1/2	CAS24HP230V1R32AH	24K	1/4 x 5/8	FLR24HP230V1R32AH	24K	1/4 x 5/8	DUC24HP230V1R32AH	24K	1/4 x 5/8	0 - .8
VIREO R32			¹GREETF05		9K, 12K & 18K	MINI CONSOLE						
VIR09HP230V1R32AH	9K	1/4 x 3/8	¹GREETF06		24K	CON09HP230V1R32AH	9K	1/4 x 3/8				
VIR12HP230V1R32AH	12K	1/4 x 1/2	ONE WAY CASSETTE¹			CON12HP230V1R32AH	12K	1/4 x 1/2				
VIR18HP230V1R32AH	18K	1/4 x 1/2	OWC09HP230V1R32AH	9K	1/4 x 3/8	CON18HP230V1R32AH	18K	1/4 x 1/2				
VIR24HP230V1R32AH	24K	1/4 x 5/8	OWC12HP230V1R32AH	12K	1/4 x 3/8							
ENVO R32			OWC18HP230V1R32AH	18K	1/4 x 1/2							
ENV09HP230V1R32AH	9K	1/4 x 3/8	OWC20HP230V1R32AH	20K	1/4 x 1/2							
ENV12HP230V1R32AH	12K	1/4 x 1/2	²GREETD01		9K, 12K, 18K & 20K							
ENV18HP230V1R32AH	18K	1/4 x 1/2										
ENV24HP230V1R32AH	24K	1/4 x 5/8										
SAPPHIRE R32												
SAP09HP230V1R32AH	9K	1/4 x 1/2										
SAP12HP230V1R32AH	12K	1/4 x 1/2										
SAP18HP230V1R32AH	18K	1/4 x 5/8										
SAP24HP230V1R32AH	24K	1/4 x 5/8										

1, 2. DECORATIVE CASSETTE GRILLE IS REQUIRED

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 SEER2 / EER2 / HSPF2 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
- XE72 WiFi Wired controller is optional for Livo R32, Vireo R32, Envo R32, Sapphire R32 and Mini console R32
- Built-in WiFi for Sapphire R32, Vireo R32, Envo R32 and Livo R32 High Walls
- XE72 WiFi wired controller is included with Slim Duct, Floor/Ceiling, 360° Cassette and One Way Cassette

INSTALL

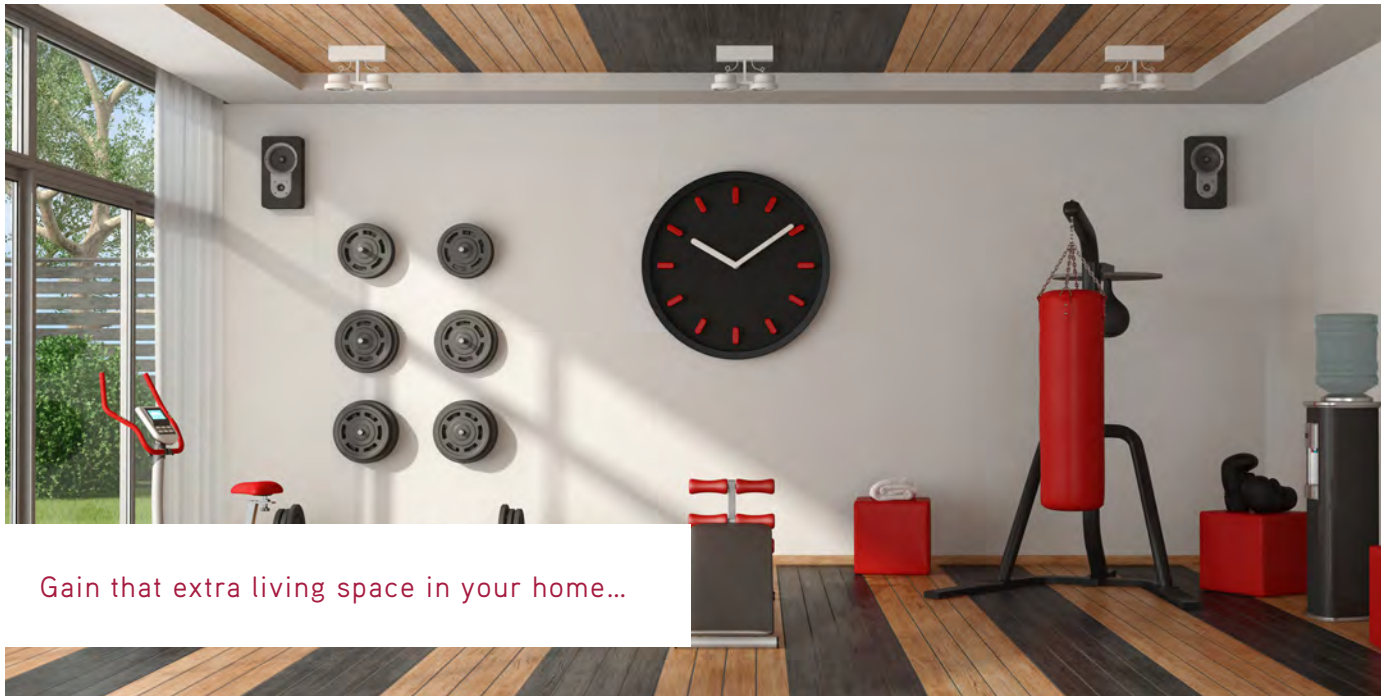
- Wind baffle not required for outdoor units



SINGLE-ZONE APPLICATIONS & BENEFITS



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



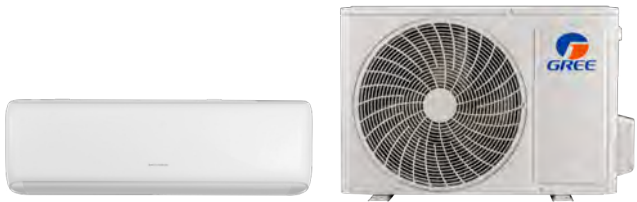
Gain that extra living space in your home...



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



PERFORMANCE & EFFICIENCY
AT A PRICE YOU CAN AFFORD



- UP TO 20.5 SEER2 / 12.5 EER2 / 8.8 HSPF2 EFFICIENCY
- COOLING RANGE: 0°F - 118°F
- HEATING RANGE: -13°F - 75°F
- MAXIMUM LINE LENGTH: 131 FT.
- 115 VOLT OPTION IN 9K & 12K SYSTEMS.

ALL YOU NEED, AT THE RIGHT PRICE

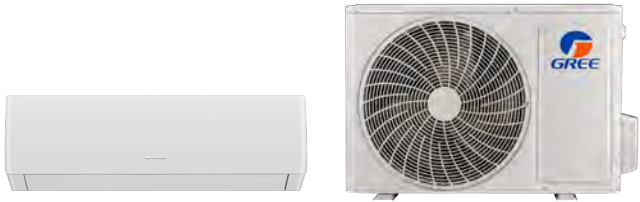
LIVO systems deliver great performance and efficiency while also keeping your budget in mind. Like all GREE systems, the variable speed compressor and intelligent design allow for ease-of-use, reliability, and quiet operation.

- Auto Clean
 - Dehumidification
 - I-Feel functionality
 - Self-diagnosis
- Multiple fan speeds
 - Automatic voltage adaptation
 - Low voltage start-up
 - Swing louver control

SYSTEM TYPE			HEAT PUMP							
Outdoor Model			LIV09HP115V1R32AO	LIV12HP115V1R32AO	LIV09HP230V1R32AO	LIV12HP230V1R32AO	LIV18HP230V1R32AO	LIV24HP230V1R32AO	LIV30HP230V1R32AO	LIV36HP230V1R32AO
Indoor Model			LIV09HP115V1R32AH	LIV12HP115V1R32AH	LIV09HP230V1R32AH	LIV12HP230V1R32AH	LIV18HP230V1R32AH	LIV24HP230V1R32AH	LIV30HP230V1R32AH	LIV36HP230V1R32AH
SYSTEM PERFORMANCE										
Cooling Capacity	Min - Max	Btu/h	2,700 - 11,600	3,070 - 13,300	2,388 - 10,300	3,070 - 13,300	3,753 - 20,300	5,800 - 26,270	3,000 - 36,000	7,850 - 37,500
	Rated Capacity @95°F	Btu/h	9,100	12,000	9,100	12,000	18,000	24,000	30,000	33,600
Heating Capacity	Min - Max	Btu/h	2,400 - 13,300	3,070 - 14,600	2,217 - 13,136	3,070 - 14,600	2,730 - 22,500	5,400 - 26,600	5,800 - 35,500	10,000 - 37,500
	Rated Capacity @47°F	Btu/h	10,000	12,000	10,000	12,000	19,100	24,000	30,000	34,000
	Rated Capacity @17°F	Btu/h	8,100	9,700	8,100	9,700	15,300	19,200	24,000	27,400
	Rated Capacity @5°F	Btu/h	7,600	8,500	7,600	9,100	12,100	15,700	23,000	24,600
SEER2			20.5	19.0	20.5	19.0	20.0	19.0	22.0	21.0
EER2			11.9	9.3	12.5	9.75	12.35	11.9	10.9	10.6
HSPF2			8.8	8.5	8.8	8.5	8.5	8.5	9.0	8.5
COP @5°F			1.86	1.75	1.94	1.75	1.75	1.75	1.8	1.8
Energy Star® South			NO	NO	NO	NO	NO	NO	NO	NO
Energy Star® Certified with Cold Climate Designation			NO	NO	NO	NO	NO	NO	NO	YES
Cooling Temperature Range		°F	0 - 118	0 - 118	0 - 118	0 - 118	0 - 118	0 - 118	0 - 118	0 - 118
Heating Temperature Range		°F	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75
Refrigerant Type			R32							
INDOOR UNIT			LIV09HP115V1R32AH	LIV12HP115V1R32AH	LIV09HP230V1R32AH	LIV12HP230V1R32AH	LIV18HP230V1R32AH	LIV24HP230V1R32AH	LIV30HP230V1R32AH	LIV36HP230V1R32AH
Air flow (Min - Max)		CFM	159 - 353	182 - 424	159 - 353	182 - 424	282 - 618	412 - 677	441 - 794	441 - 794
Sound Pressure Level (Min - Max)		dB(A)	24 - 43	27 - 47	24 - 41	27 - 47	34 - 53	36 - 51	36 - 52	36 - 52
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 x 10-53/64 x 7-7/8	32-7/8 x 10-53/64 x 7-7/8	32-7/8 x 10-53/64 x 7-7/8	32-7/8 x 10-53/64 x 7-7/8	37-1/8 x 13-7/64 x 9-11/16	42-7/16 x 13-7/64 x 9-11/16	42-7/16 x 13-7/64 x 9-11/16	42-7/16 x 13-7/64 x 9-11/16
Package Dimension (W x H x D)		in	35-15/64 x 13-37/64 x 10-43/64	35-15/64 x 13-37/64 x 10-43/64	35-15/64 x 13-37/64 x 10-43/64	35-15/64 x 13-37/64 x 10-43/64	39-13/32 x 15-15/16 x 12-43/64	44-39/64 x 16-19/64 x 13-7/64	44-39/64 x 16-19/64 x 13-7/64	44-39/64 x 16-19/64 x 13-7/64
Net Weight		lbs	19.8	19.8	19.8	19.8	28.7	33.1	34.2	34.2
Gross Weight		lbs	24.3	24.3	24.3	24.3	34.2	39.7	40.8	40.8
OUTDOOR UNIT			LIV09HP115V1R32AO	LIV12HP115V1R32AO	LIV09HP230V1R32AO	LIV12HP230V1R32AO	LIV18HP230V1R32AO	LIV24HP230V1R32AO	LIV30HP230V1R32AO	LIV36HP230V1R32AO
Compressor Type			GREE G20 / SINGLE CYLINDER / 1 - STAGE INVERTER							
Sound Pressure Level		dB(A)	51	52	51	52	57	58	62	62
External Dimensions (W x H x D)		in	28-13/16 x 21-7/8 x 12-63/64	28-13/16 x 21-7/8 x 12-63/64	28-13/16 x 21-7/8 x 12-63/64	28-13/16 x 21-7/8 x 12-63/64	31-37/64 x 21-27/32 x 13-25/32	37-23/32 x 25-63/64 x 15-53/64	39-3/8 x 29-3/8 x 15-13/16	39-3/8 x 29-3/8 x 15-13/16
Package Dimension (W x H x D)		in	31-17/64 x 24-7/32 x 14-51/64	31-17/64 x 24-7/32 x 14-51/64	31-17/64 x 24-7/32 x 14-51/64	31-17/64 x 24-7/32 x 14-51/64	34-21/64 x 24-13/32 x 15-43/64	40-5/8 x 29-1/64 x 17-61/64	42-33/64 x 31-57/64 x 19-1/64	42-33/64 x 31-57/64 x 19-1/64
Net Weight		lbs	55.1	58.4	52.9	56.2	70.6	93.7	116.8	122.4
Gross Weight		lbs	60.6	63.9	58.4	61.7	76.1	103.6	127.9	133.4
REFRIGERANT PIPING										
Refrigerant Charge - R32		oz	18.7	17.6	18.7	17.6	32.5	42.3	56.4	56.4
Additional Charge		oz/ft	0.2	0.2	0.2	0.2	0.2	0.1	0.4	0.4
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 - 1/2	1/4 - 5/8	1/4 - 5/8
Pre-Charge Length		ft	25							
Pipe Length (Min - Max)		ft	10 - 66	10 - 66	10 - 66	10 - 66	10 - 82	10 - 131	10 - 131	10 - 131
Max. Pipe Elevation		ft	40	40	40	40	33	82	82	82
ELECTRICAL										
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)							
Voltage Range (Min - Max)		VAC	103 - 126			187 - 253				
Rated Current - Cooling		A	12.5	14.34	6.5	7.02	9.5	11	20	20
Rated Current - Heating		A	15.4	14.64	7	7.47	9.5	12	20	20
MOCP		A	20	20	15	15	15	20	30	35
MCA		A	19	19	10	12	13	15	27	24
Main Power Wire Size		AWG	Per Local Code							
Interconnecting Wire Size		AWG	14 / 4							
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial							



EFFICIENT AND FLEXIBLE
TO FIT YOUR LIFESTYLE



- UP TO 26.0 SEER2 / 15.0 EER2 / 10.4 HSPF2 EFFICIENCY
- COOLING RANGE: -20°F - 122°F
- HEATING RANGE: -22°F - 86°F
- MAXIMUM LINE LENGTH: 131 FT.

WHEN YOU WANT OPTIONS,
HIGH PERFORMANCE AND EFFICIENCY

VIREO systems provide the utmost flexibility and performance. With a wide range of indoor unit options, the Vireo fits with any decor or situation. The system’s high performance delivers ample heating and cooling for both seasons and operates with utmost efficiency. Finally, the VIREO is whisper-quiet for ultimate comfort.

- Auto Clean
 - Dehumidification
 - I-Feel functionality
 - Self-diagnosis
- Multiple fan speeds
 - Automatic voltage adaptation
 - Low voltage start-up
 - Swing louver control

SYSTEM TYPE		HEAT PUMP			
Outdoor Model		VIR09HP230VIR32AO	VIR12HP230VIR32AO	VIR18HP230VIR32AO	VIR24HP230VIR32AO
Indoor Model		VIR09HP230VIR32AH	VIR12HP230VIR32AH	VIR18HP230VIR32AH	VIR24HP230VIR32AH
SYSTEM PERFORMANCE					
Cooling Capacity	Min - Max	Btu/h	2,730 - 12,966	2,729.6 - 15,012.8	5,118 - 22,178
	Rated Capacity @95°F	Btu/h	9,100	12,000	18,000
Heating Capacity	Min - Max	Btu/h	2,388 - 15,013	3,070.8 - 15,695.2	4,436 - 22,178
	Rated Capacity @47°F	Btu/h	10,500	12,000	18,000
	Rated Capacity @17°F	Btu/h	8,800	10,000	14,700
	Rated Capacity @5°F	Btu/h	9,500	11,000	14,600
SEER2			26.0	24.5	24.5
EER2			15.0	13.0	13.65
HSPF2			10.4	9.5	9.0
COP @5°F			1.88	1.95	1.9
Energy Star® South			YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	NO
Cooling Temperature Range		°F	-20 - 122	-20 - 122	-20 - 122
Heating Temperature Range		°F	-22 - 86	-22 - 86	-22 - 86
Refrigerant Type			R32		
INDOOR UNIT			VIR09HP230VIR32AH	VIR12HP230VIR32AH	VIR18HP230VIR32AH
Air flow (Min - Max)		CFM	194 - 353	230 - 400	324 - 589
Sound Pressure Level (Min - Max)		dB(A)	20 - 41	20 - 43	27 - 48
Dehumidification		pt/hr	1.69	2.96	3.80
External Dimensions (W x H x D)		in	32-31/64 x 11-17/32 x 7-23/32	32-31/64 x 11-17/32 x 7-23/32	38-21/32 x 12-1/4 x 8-45/64
Package Dimension (W x H x D)		in	34-29/64 x 14-3/8 x 10-35/64	34-29/64 x 14-3/8 x 10-35/64	41-7/64 x 15-5/32 x 11-11/16
Net Weight		lbs	20.9	20.9	28.7
Gross Weight		lbs	25.4	25.4	34.2
OUTDOOR UNIT			VIR09HP230VIR32AO	VIR12HP230VIR32AO	VIR18HP230VIR32AO
Compressor Type			GREE G20 / SINGLE CYLINDER / 1 - STAGE INVERTER		
Sound Pressure Level		dB(A)	52	52	59
External Dimensions (W x H x D)		in	31-37/64 x 21-27/32 x 13-25/32	31-37/64 x 21-27/32 x 13-25/32	37-23/32 x 25-63/64 x 15-53/64
Package Dimension (W x H x D)		in	34-21/64 x 24-13/32 x 15-43/64	34-21/64 x 24-13/32 x 15-43/64	40-5/8 x 29-1/64 x 17-61/64
Net Weight		lbs	70.6	67.3	94.8
Gross Weight		lbs	76.1	72.8	104.7
REFRIGERANT PIPING					
Refrigerant Charge - R32		oz	30	28.2	40.6
Additional Charge		oz/ft	0.2	0.2	0.2
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2
Pre-Charge Length		ft	25		
Pipe Length (Min - Max)		ft	10 - 66	10 - 66	10 - 131
Max. Pipe Elevation		ft	40	40	82
ELECTRICAL					
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		
Voltage Range (Min - Max)		VAC	187 - 253		
Rated Current - Cooling		A	4.73	6.64	11.5
Rated Current - Heating		A	6	6.41	11.5
MOCP		A	15	15	20
MCA		A	10	10	16
Main Power Wire Size		AWG	Per Local Code		
Interconnecting Wire Size		AWG	14 / 4		
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial		



INTRODUCING A MINI-SPLIT WITH A FRESH AIR KIT OPTION



- OPTIONAL FRESH AIR KIT
- UP TO 26.0 SEER2 / 15.0 EER2 / 10.4 HSPF2 EFFICIENCY
- COOLING RANGE: -20°F - 122°F
- HEATING RANGE: -22°F - 86°F
- MAXIMUM LINE LENGTH: 131 FT.

HIGH PERFORMANCE & EFFICIENCY WITH THE ADDED OPTION OF FRESH AIR INTO YOUR SPACE

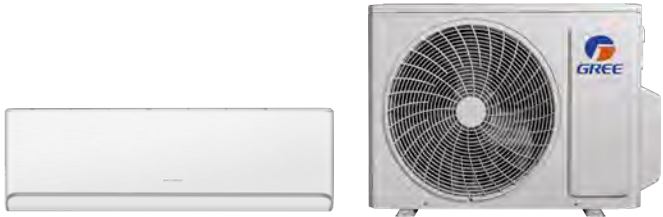
ENVO systems can handle those challenging environments that require outside air when you include the optional fresh air kit. With GREE's superior reliability and performance, the ENVO can tackle most applications.

- Option for Fresh Air kit
- Dehumidification
- Auto-Clean
- Self-diagnosis
- Multiple fan speeds
- Automatic voltage adaptation
- Low voltage start-up
- Swing louver control

SYSTEM TYPE		HEAT PUMP					
Outdoor Model		ENV09HP115V1R32AO	ENV12HP115V1R32AO	ENV09HP230V1R32AO	ENV12HP230V1R32AO	ENV18HP230V1R32AO	ENV24HP230V1R32AO
Indoor Model		ENV09HP115V1R32AH	ENV12HP115V1R32AH	ENV09HP230V1R32AH	ENV12HP230V1R32AH	ENV18HP230V1R32AH	ENV24HP230V1R32AH
SYSTEM PERFORMANCE							
Cooling Capacity	Min - Max	Btu/h	2,730 - 12,966	2,729.6 - 15,012.8	2,730 - 12,966	2,729.6 - 15,012.8	5,118 - 22,178
	Rated Capacity @95°F	Btu/h	9,100	12,000	9,100	12,000	18,000
Heating Capacity	Min - Max	Btu/h	2,388 - 15,013	3,070.8 - 15,695.2	2,388 - 15,013	3,070.8 - 15,695.2	4,436 - 22,178
	Rated Capacity @47°F	Btu/h	10,000	12,000	10,500	12,000	18,000
	Rated Capacity @17°F	Btu/h	10,500	10,000	11,000	10,000	14,700
	Rated Capacity @5°F	Btu/h	9,200	9,500	9,300	11,000	14,600
SEER2			27.0	24.5	26.0	24.5	24.0
EER2			15.0	13.0	15.0	13.0	13.1
HSPF2			10.5	9.5	10.4	9.5	9.0
COP @5°F			1.90	1.95	1.96	1.95	1.75
Energy Star® South			YES	YES	YES	YES	NO
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES	YES
Cooling Temperature Range		°F	-20 - 122	-20 - 122	-20 - 122	-20 - 122	-20 - 122
Heating Temperature Range		°F	-22 - 86	-22 - 86	-22 - 86	-22 - 86	-22 - 86
Refrigerant Type			R32				
INDOOR UNIT			ENV09HP115V1R32AH	ENV12HP115V1R32AH	ENV09HP230V1R32AH	ENV12HP230V1R32AH	ENV18HP230V1R32AH
Air flow (Min - Max)		CFM	129 - 353	212 - 400	129 - 353	212 - 400	324 - 589
Sound Pressure Level (Min - Max)		dB(A)	20 - 41	20 - 43	20 - 41	20 - 43	29 - 48
Dehumidification		pt/hr	1.69	2.96	1.69	2.96	3.80
External Dimensions (W x H x D)		in	32 61/64 x 11 17/32 x 7 7/8	32 61/64 x 11 17/32 x 7 7/8	32 61/64 x 11 17/32 x 7 7/8	32 61/64 x 11 17/32 x 7 7/8	39 3/32 x 12 1/4 x 8 47/64
Package Dimension (W x H x D)		in	35 9/32 x 14 11/16 x 10 45/64	35 18/64 x 14 44/64 x 10 45/64	35 9/32 x 14 11/16 x 10 45/64	35 18/64 x 14 44/64 x 10 45/64	41 17/32 x 15 5/32 x 11 47/64
Net Weight		lbs	20.9	20.9	20.9	20.9	29.8
Gross Weight		lbs	25.4	25.4	25.4	25.4	35.3
OUTDOOR UNIT			ENV09HP115V1R32AO		ENV09HP230V1R32AO	ENV12HP230V1R32AO	ENV18HP230V1R32AO
Compressor Type			GREE G20 / SINGLE CYLINDER / 1 - STAGE INVERTER				
Sound Pressure Level		dB(A)	52	52	52	52	59
External Dimensions (W x H x D)		in	31 37/64 x 21 27/32 x 13 25/32	31-37/64 x 21-27/32 x 13-25/32	31 37/64 x 21 27/32 x 13 25/32	31 37/64 x 21 27/32 x 13 25/32	37 23/32 x 25 63/64 x 15 53/64
Package Dimension (W x H x D)		in	34 21/64 x 24 13/32 x 15 43/64	34-21/64 x 24-13/32 x 15-43/64	34 21/64 x 24 13/32 x 15 43/64	34 21/64 x 24 13/32 x 15 43/64	40 5/8 x 29 1/64 x 17 61/64
Net Weight		lbs	70.6	69.5	70.6	67.3	94.8
Gross Weight		lbs	76.1	75.0	76.1	72.8	104.7
REFRIGERANT PIPING							
Refrigerant Charge - R32		oz	30	28.2	30	28.2	40.6
Additional Charge		oz/ft	0.2	0.2	0.2	0.2	0.4
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 3/8	1/4 - 1/2	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2
Pre-Charge Length		ft	25				
Pipe Length (Min - Max)		ft	10 - 66	10 - 66	10 - 66	10 - 66	10 - 131
Max. Pipe Elevation		ft	40	40	40	40	82
ELECTRICAL							
Power Supply			115V / 1Ph / 60Hz (Powered by the Outdoor Unit)		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		
Voltage Range (Min - Max)		VAC	103 - 126				
Rated Current - Cooling		A	12.28	15.38	4.73	6.64	11.5
Rated Current - Heating		A	16.59	15.41	6	6.41	11.5
MOCP		A	20	20	15	15	20
MCA		A	19	19	10	10	16
Main Power Wire Size		AWG	Per Local Code				
Interconnecting Wire Size		AWG	14 / 4				
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial				



THE PREMIER GEM OF
HEATING AND COOLING



THE HALLMARK OF ELEGANCE, EFFICIENCY
AND PERFORMANCE

SAPPHIRE is the product of choice for its sleek design, quiet operation, and industry-leading efficiency. For all applications, the performance data speaks for itself. Experience the next generation of mini-splits.

- UP TO 30.0 SEER2 / 16.8 EER2 / 11.2 HSPF2 EFFICIENCY
- COOLING RANGE: -20°F - 122°F
- HEATING RANGE: -22°F - 86°F
- MAXIMUM LINE LENGTH: 131 FT.

- Precise airflow control
 - Intelligent pre-heating & defrost
 - Auto-Clean
 - Self-diagnosis
- Multiple fan speeds
 - Automatic voltage adaptation & low voltage start-up
 - Sleep & Timer functions
 - Swing louver control

SYSTEM TYPE		HEAT PUMP			
Outdoor Model		SAP09HP230V1R32AO	SAP12HP230V1R32AO	SAP18HP230V1R32AO	SAP24HP230V1R32AO
Indoor Model		SAP09HP230V1R32AH	SAP12HP230V1R32AH	SAP18HP230V1R32AH	SAP24HP230V1R32AH
SYSTEM PERFORMANCE					
Cooling Capacity	Min - Max	Btu/h	1,365 - 12,966	2,900 - 17,060	4,435 - 25,590
	Rated Capacity @95°F	Btu/h	9,100	12,000	18,000
Heating Capacity	Min - Max	Btu/h	2,730 - 17,060	3,070 - 18,766	5,118 - 26,272
	Rated Capacity @47°F	Btu/h	10,600	12,200	18,600
	Rated Capacity @17°F	Btu/h	8,900	10,300	15,500
	Rated Capacity @5°F	Btu/h	11,500	12,200	18,000
SEER2			30.0	28.0	27.5
EER2			16.8	15.2	14.3
HSPF2			11.2	10.0	10.0
COP @5°F			2.11	2.0	1.8
Energy Star® South			YES	YES	NO
Energy Star® Certified with Cold Climate Designation			YES	YES	YES
Cooling Temperature Range		*F	-20 - 122	-20 - 122	-20 - 122
Heating Temperature Range		*F	-22 - 86	-22 - 86	-22 - 86
Refrigerant Type			R32		
INDOOR UNIT			SAP09HP230V1R32AH	SAP12HP230V1R32AH	SAP18HP230V1R32AH
Air flow (Min - Max)		CFM	265 - 506	353 - 565	471 - 736
Sound Pressure Level (Min - Max)		dB(A)	23 - 42	27- 43	35 - 49
Dehumidification		pt/hr	1.69	2.96	3.80
External Dimensions (W x H x D)		in	38-3/16 x 13-21/32 x 10-1/8	38-3/16 x 13-21/32 x 10-1/8	43-45/64 x 13-21/32 x 10-1/8
Package Dimension (W x H x D)		in	40-7/16 x 13-11/32 x 16-1/2	40-7/16 x 13-11/32 x 16-1/2	45-55/64 x 13-21/32 x 16-1/2
Net Weight		lbs	33.1	33.1	38.6
Gross Weight		lbs	38.6	38.6	45.2
OUTDOOR UNIT			SAP09HP230V1R32AO	SAP12HP230V1R32AO	SAP18HP230V1R32AO
Compressor Type			GREE G20 / DOUBLE CYLINDER / 1 - STAGE INVERTER		
Sound Pressure Level		dB(A)	56	55	59
External Dimensions (W x H x D)		in	34-3/8 x 21-27/32 x 14-51/64	34-3/8 x 21-27/32 x 14-51/64	37 23/32 x 25 63/64 x 15 53/64
Package Dimension (W x H x D)		in	37-7/16 x 24-13/32 x 16-31/32	37-7/16 x 24-13/32 x 16-31/32	40-5/8 x 29-1/64 x 17-61/64
Net Weight		lbs	78.3	78.3	94.8
Gross Weight		lbs	84.9	84.9	104.7
REFRIGERANT PIPING					
Refrigerant Charge		oz	35.3	35.3	47.6
Additional Charge		oz/ft	0.2	0.2	0.4
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8
Pre-Charge Length		ft	25		
Pipe Length (Min - Max)		ft	10 - 131	10 - 131	10 - 131
Max. Pipe Elevation		ft	82	82	82
ELECTRICAL					
Power Supply			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		
Voltage Range (Min - Max)		VAC	187 - 253		
Rated Current - Cooling		A	5.9	5.9	12.5
Rated Current - Heating		A	7.6	7.8	16
MOCP		A	15	15	25
MCA		A	11	11	23
Main Power Wire Size		AWG	Per Local Code		
Interconnecting Wire Size		AWG	14 / 4		
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial		



RELIABLE COMFORT
MADE AFFORDABLE



GET THE JOB DONE — ON BUDGET

- UP TO 19.0 SEER2 / 11.9 EER2 / 8.6 HSPF2 EFFICIENCY
- COOLING RANGE: 0°F - 118°F
- HEATING RANGE: -13°F - 75°F
- MAXIMUM LINE LENGTH: 131 FT.

Zeno systems are our value-driven, entry-level lineup—designed to deliver trusted GREE quality at a more accessible price point. When your project calls for straightforward comfort without the need for ultra-high efficiency or extreme-climate performance, Zeno is the smart, cost-efficient choice.

- Auto Clean
 - Dehumidification
 - New R32 Refrigerant
 - Self-diagnosis
- Multiple fan speeds
 - Automatic voltage adaptation
 - Low voltage start-up
 - Swing louver control

SYSTEM TYPE		HEAT PUMP					
Outdoor Model		WZEN09HPL132AO	WZEN12HPL132AO	WZEN09HPJ132AO	WZEN12HPJ132AO	WZEN18HPJ132AO	WZEN24HPJ132AO
Indoor Model		WZEN09HPL132AH	WZEN12HPL132AH	WZEN09HPJ132AH	WZEN12HPJ132AH	WZEN18HPJ132AH	WZEN24HPJ132AH
SYSTEM PERFORMANCE							
Cooling Capacity	Min - Max	Btu/h	2,730 - 11,000	2,730 - 12,700	3,071 - 11,000	2,388 - 12,710	3,753 - 19,790
	Rated Capacity @95°F	Btu/h	9,100	12,000	9,100	12,000	24,000
Heating Capacity	Min - Max	Btu/h	2,390 - 13,000	2,388 - 13,480	2,217 - 12,300	2,217 - 13,477	4,100 - 19,107
	Rated Capacity @47°F	Btu/h	10,000	12,000	10,000	12,000	24,000
	Rated Capacity @17°F	Btu/h	8,000	9,700	8,000	9,700	11,200
	Rated Capacity @5°F	Btu/h	7,000	9,500	7,600	9,500	15,700
SEER2			18.5	16.0	18.8	16.0	18.0
EER2			11.9	8.85	12.3	8.55	10.20
HSPF2			8.6	8.5	8.6	8.0	8.2
COP @5°F			1.80	1.75	1.85	1.75	1.75
Energy Star® South			YES	NO	YES	NO	YES
Energy Star® Certified with Cold Climate Designation			YES	NO	YES	NO	NO
Cooling Temperature Range		*F	0 - 118	0 - 118	0 - 118	0 - 118	0 - 118
Heating Temperature Range		*F	-13 - 75	-13 - 75	-13 - 75	-13 - 75	-13 - 75
Refrigerant Type			R32				
INDOOR UNIT			WZEN09HPL132AH	WZEN12HPL132AH	WZEN09HPJ132AH	WZEN12HPJ132AH	WZEN18HPJ132AH
Air flow (Min - Max)		CFM	165 - 294	159 - 365	165 - 294	159 - 365	282 - 589
Sound Pressure Level (Min - Max)		dB(A)	23 - 40	22 - 42	23 - 40	22 - 42	33 - 51
Dehumidification		pt/hr	1.69	2.96	1.69	2.96	3.80
External Dimensions (W x H x D)		in	32-51/64 x 10-15/64 x 7-9/16	32-51/64 x 10-15/64 x 7-9/16	32-51/64 x 10-15/64 x 7-9/16	32-51/64 x 10-15/64 x 7-9/16	39-3/8 x 13-7/64 x 9-51/64
Package Dimension (L x W x H)		in	34-23/32 x 13-5/64 x 10-7/16	34-23/32 x 13-5/64 x 10-7/16	34-23/32 x 13-5/64 x 10-7/16	34-23/32 x 13-5/64 x 10-7/16	41-11/16 x 15-63/64 x 12-29/32
Net Weight		lbs	17.6	17.6	17.6	17.6	29.8
Gross Weight		lbs	20.9	20.9	20.9	20.9	35.3
OUTDOOR UNIT			WZEN09HPL132AO	WZEN12HPL132AO	WZEN09HPJ132AO	WZEN12HPJ132AO	WZEN18HPJ132AO
Compressor Type			GREE G20 / SINGLE CYLINDER / 1 - STAGE INVERTER				
Sound Pressure Level		dB(A)	51	52	51	52	58
External Dimensions (W x H x D)		in	28-13/16 x 21-27/32 x 12-63/64	28-13/16 x 21-27/32 x 12-63/64	28-13/16 x 21-27/32 x 12-63/64	28-13/16 x 21-27/32 x 12-63/64	31-37/64 x 21-27/32 x 13-25/32
Package Dimension (L x W x H)		in	31-17/64 x 14-51/64 x 24-7/32	31-17/64 x 14-51/64 x 24-7/32	31-17/64 x 14-51/64 x 24-7/32	31-17/64 x 14-51/64 x 24-7/32	34-21/64 x 15-43/64 x 24-13/32
Net Weight		lbs	55.1	58.4	54.0	56.2	62.9
Gross Weight		lbs	60.6	63.9	59.5	61.7	68.4
REFRIGERANT PIPING							
Refrigerant Charge - R32		oz	17.6	21.2	17.6	22.9	29.3
Additional Charge		oz/ft	0.2	0.2	0.2	0.2	0.1
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
Pre-Charge Length		ft	25				
Pipe Length (Min - Max)		ft	10 - 66	10 - 66	10 - 66	10 - 66	10 - 82
Max. Pipe Elevation		ft	39	39	49	39	33
ELECTRICAL							
Power Supply			115V / 1Ph / 60Hz (Powered by the Outdoor Unit)		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)		
Voltage Range (Min - Max)		VAC	103 - 126		187 - 253		
Rated Current - Cooling		A	12.5	15.22	7.5	7	10
Rated Current - Heating		A	15.4	14.67	7.5	8	10
MOCP		A	20	20	15	15	15
MCA		A	19	19	10	12	13
Main Power Wire Size		AWG	Per Local Code				
Interconnecting Wire Size		AWG	14 / 4				
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial				

SINGLE-ZONE MINI-SPLITS

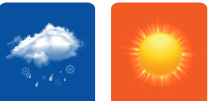
QUICK REFERENCE GUIDE

SINGLE-ZONE SYSTEMS

	Indoor Model No.	Outdoor Model No.	Nominal Capacity (Btu)	SEER2 / EER2	HSPF2 / COP	Cooling Range (°F)	Heating Range (°F)	MCA / MOCP		Line Set (Port) Size	Max line length	Max Lift/ Drop OD to ID units	WIFI
LIVO R32*													
	LIV09HP115V1R32AH	LIV09HP115V1R32AO	9K	20.5 / 11.9	8.8 / 3.7	0 - 118	-13 - 75	19 / 20	NO	1/4 - 3/8	66’	40’	Built-In
	LIV12HP115V1R32AH	LIV12HP115V1R32AO	12K	19.0 / 9.8	8.5 / 3.5	0 - 118	-13 - 75	19 / 20	NO	1/4 - 3/8	66’	40’	Built-In
	LIV09HP230V1R32AH	LIV09HP230V1R32AO	9K	20.5 / 12.5	8.8 / 3.8	0 - 118	-13 - 75	10 / 15	NO	1/4 - 3/8	66’	40’	Built-In
	LIV12HP230V1R32AH	LIV12HP230V1R32AO	12K	19.0 / 9.8	8.5 / 3.5	0 - 118	-13 - 75	12 / 15	NO	1/4 - 3/8	66’	40’	Built-In
	LIV18HP230V1R32AH	LIV18HP230V1R32AO	18K	20.0 / 12.4	8.5 / 3.9	0 - 118	-13 - 75	13 / 15	NO	1/4 - 1/2	82’	33’	Built-In
	LIV24HP230V1R32AH	LIV24HP230V1R32AO	24K	19.0 / 11.9	8.5 / 3.6	0 - 118	-13 - 75	15 / 20	NO	1/4 - 1/2	131’	82’	Built-In
	LIV30HP230V1R32AH	LIV30HP230V1R32AO	30K	22.0 / 10.9	9.0 / 3.2	0 - 118	-13 - 75	25.6 / 35	NO	1/4 - 5/8	131’	82’	Built-In
	LIV36HP230V1R32AH	LIV36HP230V1R32AO	36K	21.0 / 10.6	8.5 / 3.1	0 - 118	-13 - 75	23 / 35	NO	1/4 - 5/8	131’	82’	Built-In
VIREO R32*													
	VIR09HP230V1R32AH & BH¹	VIR09HP230V1R32AO	9K	26.0 / 15.0	10.4 / 3.9	-20 - 122	-22 - 86	10 / 15	YES	1/4 - 3/8	66’	40’	Built-In
	VIR12HP230V1R32AH & BH¹	VIR12HP230V1R32AO	12K	24.5 / 13.0	9.5 / 3.8	-20 - 122	-22 - 86	10 / 15	YES	1/4 - 1/2	66’	40’	Built-In
	VIR18HP230V1R32AH & BH¹	VIR18HP230V1R32AO	18K	24.5 / 13.7	9.0 / 3.8	-20 - 122	-22 - 86	16 / 20	YES	1/4 - 1/2	131’	82’	Built-In
	VIR24HP230V1R32AH & BH¹	VIR24HP230V1R32AO	24K	26.0 / 13.7	10.0 / 3.8	-20 - 122	-22 - 86	22 / 30	YES	1/4 - 5/8	131’	82’	Built-In

* AH=MATT FINISH AND BH=SMOOTH FINISH

ULTRA SINGLE ZONE PRODUCT FOR EXTREME CONDITIONS & HIGH EFFICIENCY



	Indoor Model No.	Outdoor Model No.	Nominal Capacity (Btu)	SEER2 / EER2	HSPF2 / COP	Cooling Range (°F)	Heating Range (°F)	MCA / MOCP		Line Set (Port) Size	Max line length	Max Lift/ Drop OD to ID units	WIFI
SAPPHIRE R32													
	SAP09HP230V1R32AH	SAP09HP230V1R32AO	9K	30.0 / 16.8	11.2 / 4.4	-20 - 122	-22 - 86	11 / 15	YES	1/4 - 1/2	131’	82’	Built-In
	SAP12HP230V1R32AH	SAP12HP230V1R32AO	12K	28.0 / 15.2	10.0 / 4.6	-20 - 122	-22 - 86	11 / 15	YES	1/4 - 1/2	131’	82’	Built-In
	SAP18HP230V1R32AH	SAP18HP230V1R32AO	18K	27.5 / 14.3	10.0 / 4.1	-20 - 122	-22 - 86	20 / 25	YES	1/4 - 5/8	131’	82’	Built-In
	SAP24HP230V1R32AH	SAP24HP230V1R32AO	24K	27.0 / 13.95	10.0 / 3.9	-20 - 122	-22 - 86	25 / 40	YES	1/4 - 5/8	131’	82’	Built-In





GET SMART WITH GREE

“Alexa, turn on the Air Conditioning”

- ✔ Convenience and Comfort
- ✔ Voice Control
- ✔ Smart Home Integration



GREE SERVICE TOOLS

SMARTER TROUBLESHOOTING, FASTER REPAIRS

Quickly diagnose, monitor, and optimize GREE HVAC systems with industry-leading service tools.



Single-Zone | GREGT2A3AD
Troubleshooting & Unit Simulation

- Compatible with Single Zone & Multi-Zone Systems for data monitoring.
- Simulate an indoor or outdoor unit to diagnose missing components.
- Key tool for E6 communication error troubleshooting.



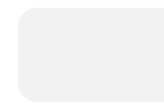
Multi-Zone | MZ230VTESTER
Outdoor & Indoor Data Insights

- Connects to the outdoor mainboard for full system diagnostics.
- View run data across multiple indoor units in a multi-zone system.
- Helps analyze system-wide performance.



MultiPRO | CE42-24/F(C)
Full System Commissioning & Control

- Set up and fine-tune systems directly from the tool.
- Provides full control over indoor unit operations (temperature, coil temps, EEV steps).
- Monitors compressor speed (Hz), outdoor fan speed (Hz), and DC bus voltage.

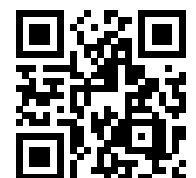


FLEXX R32
COMING SOON!

WHICH TOOL DO YOU NEED?

TOOL	BEST FOR	KEY FUNCTIONS	SCENARIO
MZ230VTESTER	Multi-Zone Systems	Outdoor & indoor unit data, EEV steps, voltages	Viewing data for both outdoor and multiple indoor units
GREGT2A3AD	Single & Multi-Zone Systems	E6 error troubleshooting, unit simulation, data monitoring	Diagnosing E6 errors or testing an indoor/outdoor unit
CE42-24/F(C)	MultiPRO Full System Control	Start-up commissioning, diagnostics, unit control	Setting up a new system and commissioning units
FLEXX R32	FLEXX R32 Systems	Coming Soon	

For additional support, manuals, and ordering information, scan the QR code or visit www.greecomfort.com



SCAN ME
FOR VIDEO

CONTROLS & ACCESSORIES

QUICK REFERENCE GUIDE

WIRED CONTROLLERS

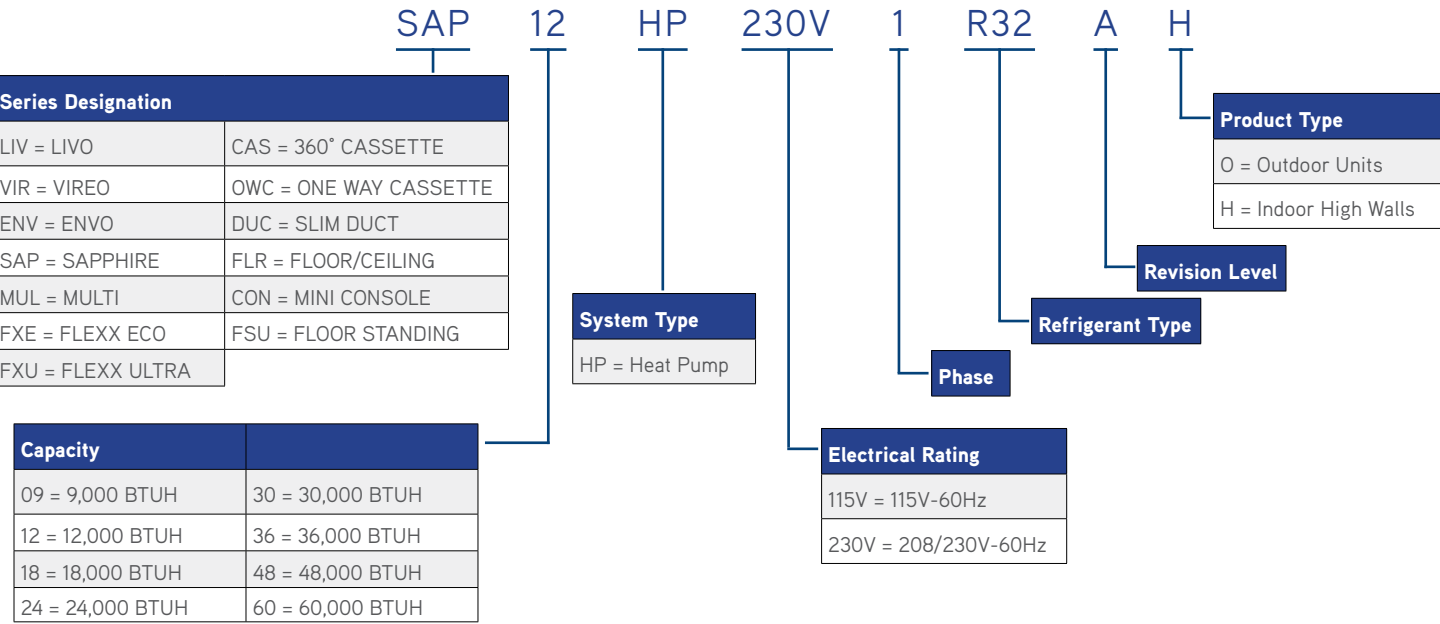
CONTROLLER	COMPATIBLE WITH	MODEL NUMBER	PART NUMBER	KEYPAD FEATURES & FUNCTIONS											
				ENTER / CANCEL	FUNCTION	FAN	TIMER	MODE (+/-)	POWER (ON/OFF)	SWING	MENU/OK	IR RECIEVER	WIFI		
	SINGLE & MULTI-ZONE LIVO ZENO VIREO ENVO SAPPHIRE 360° CASSETTE ONE WAY CASSETTE FLOOR / CEILING SLIM DUCT MINI CONSOLE (R32)	XE71	MC20700970	✓	✓	✓	✓	✓	✓	✓			✓		
	SINGLE & MULTI-ZONE WIFI CONTROLLER LIVO ZENO VIREO ENVO SAPPHIRE 360° CASSETTE ONE WAY CASSETTE FLOOR / CEILING SLIM DUCT MINI CONSOLE (R32) (For use with both A and B series models and R32 models)	XE72	MC20701210	✓	✓	✓	✓	✓	✓	✓			✓	✓	
	SINGLE & MULTI-ZONE LIVO VIREO 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	✓	✓	✓		✓	✓	✓			✓		
CONTROLLER	COMPATIBLE WITH	MODEL NUMBER	PART NUMBER	KEYPAD FEATURES & FUNCTIONS											
				FUNCTION BUTTON 1	FUNCTION BUTTON 2	FUNCTION BUTTON 3	UP ARROW	DOWN ARROW	MENU						
	CENTRAL AIR FLEXX ULTRA FLEXX ECO	WK-010WC1	NC20700410	✓	✓	✓	✓	✓	✓	PLEASE CHECK THE MANUAL FOR DETAILED FUNCTIONALITIES.					

REMOTE CONTROLLERS R32

CONTROLLER	COMPATIBLE WITH	MODEL NUMBER	PART NUMBER	KEYPAD FEATURES & FUNCTIONS													
				POWER (ON/OFF)	MODE	(+/-)	FAN	WIFI	I-FEEL	UD-SWING	HUMIDITY	LR-SWING	TIMER	SLEEP	LIGHT	CLOCK	HEALTH
	SINGLE-ZONE LIVO VIREO ZENO	YBE1FB1F	305001060236	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	SINGLE-ZONE ENVO	YBE1FBF	305001060204	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓
	SINGLE-ZONE SAPPHIRE	YBE1FB9F	305001060233	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	ALL-MATCH & MULTI-ZONE 360° CASSETTE ONE WAY CASSETTE FLOOR / CEILING SLIM DUCT MINI CONSOLE	YBE1FB5F	305001060180	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓
	ALL-MATCH FLOOR STANDING	YBE1FB8F	305001060249	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓

PRODUCT NOMENCLATURE

EXAMPLE: SAP12HP230V1R32AH

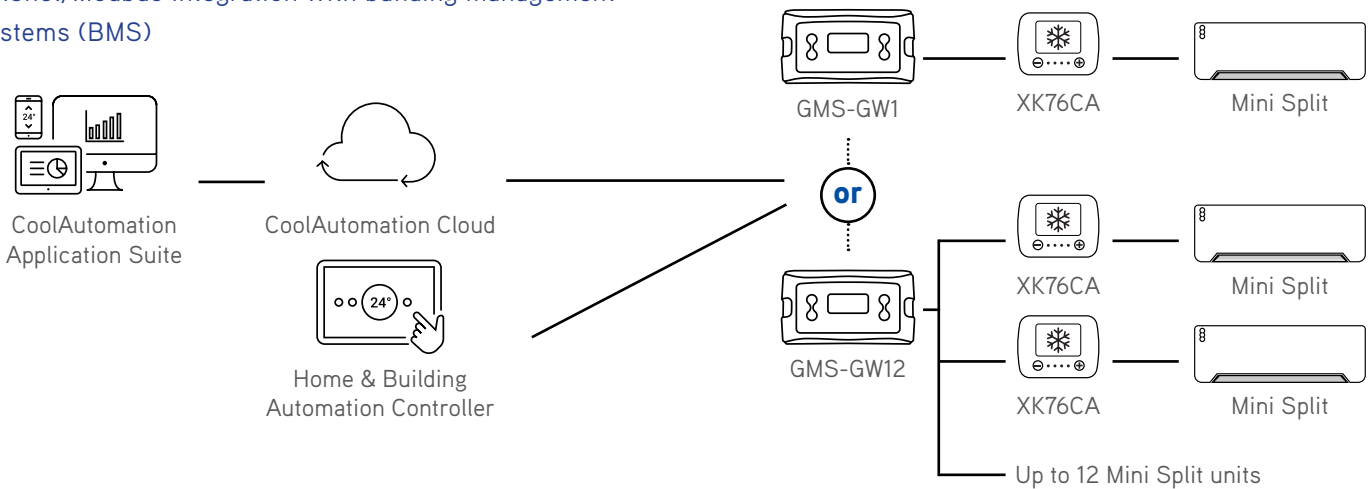


HOME & BUILDING AUTOMATION SYSTEM



MONITOR & MANAGE MINI SPLIT SYSTEMS

- XK76CA is required for each mini split indoor unit to communicate with the cool automation interface
- Real-time control & monitoring of mini split system operation and status
- BACnet/Modbus integration with building management systems (BMS)
- Intuitive and simple device configurations through backlit LCD display
- Monitor system technical data for advanced monitoring
- Small size & magnetic mounting for portable installation

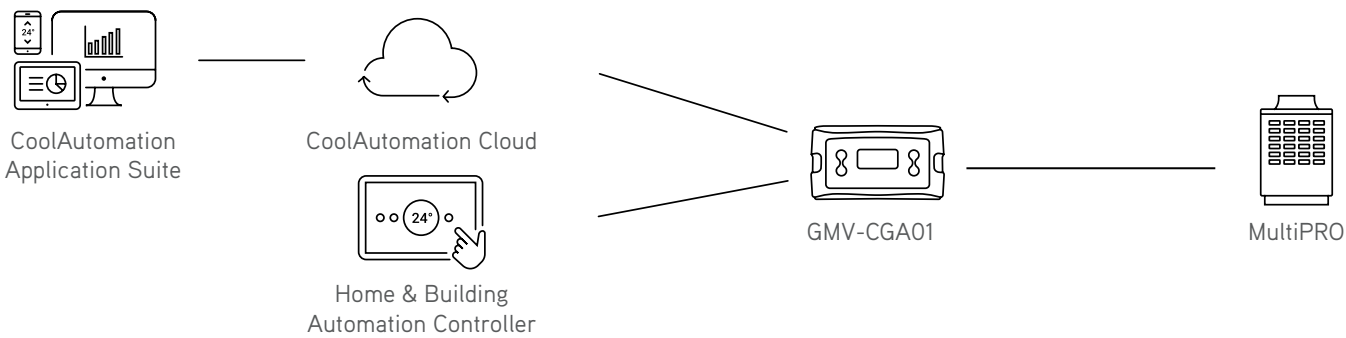


SPECIFICATIONS			
Model		 GSMVGS-GW1	 GSMVGS-GW12
Power supply	Min load	5VDC/60mA (via mini USB); 12VDC/35mA; 24VDC/20mA	5VDC/60mA (via mini USB); 12VDC/35mA; 24VDC/20mA
	Max load	5VDC/100mA (via mini USB); 12VDC/70mA; 24VDC/40mA	5VDC/100mA (via mini USB); 12VDC/70mA; 24VDC/40mA
Mounting		Magnet	
Operating conditions	Ambient temperature	14°F ~ 140°F	14°F ~ 140°F
	Humidity	0% ~ 96% non-condensing	0% ~ 96% non-condensing
Storage conditions	Ambient temperature	-4°F ~ 158°F	-4°F ~ 158°F
	Humidity	0 % ~ 98 % non-condensing	% ~ 98 % non-condensing
Dimensions	H x W x D	2.56 x 4.50 x 1.22 (inch)	2.56 x 4.50 x 1.22 (inch)
LCD	Size / Color	2 x 8 / grey	2 x 8 / grey
Communication functions	Direct HVAC connection	Connection to the Gree Mini Split units over RS485 interface	Connection to the Gree Mini Split units over RS485 interface
	Ethernet	100 Mbps	100 Mbps
	MODBUS RTU	RS-485 communication line	RS-485 communication line
	BACnet MSTP	RS-485 communication line	RS-485 communication line
	USB Host	12 Mbps	12 Mbps
Maximal allowable wiring length (to router) over Ethernet (ft)		450	450
Maximum RS485 wiring length (ft)		3280 (2 Conductor 20-22 Awg Shielded Twisted Pair Cable)	3280 (2 Conductor 20-22 Awg Shielded Twisted Pair Cable)
Maximal allowable wiring length (to BMS) over RS485 (ft)		3300	3300
Control & Monitoring		Setpoint, On/Off, Fan Speed, Operation Mode, Louver Position, Error codes, Room temperature, setpoint range, Lock/unlock (specific models) Local Controller functions	Setpoint, On/Off, Fan Speed, Operation Mode, Louver Position, Error codes, Room temperature, setpoint range, Lock/unlock (specific models) Local Controller functions
Maximum connected Units		1	12
Advanced technical monitoring (model dependent)		Outdoor Temperature, Evaporation Temperature, compressor status, defrost, more	Outdoor Temperature, Evaporation Temperature, compressor status, defrost, more



MONITOR & MANAGE MULTIPRO SYSTEMS

- Real-time control & monitoring of MultiPRO system operation and status
- BACnet/Modbus integration with building management systems (BMS)
- Intuitive and simple device configurations through backlit LCD display
- Monitor system technical data for advanced monitoring
- Small size and magnetic mounting for portable installation



SPECIFICATIONS		
Model		 GMV-CGA01
Power supply	Min load	5VDC/60mA (via mini USB); 12VDC/35mA; 24VDC/20mA
	Max load	5VDC/100mA (via mini USB); 12VDC/70mA; 24VDC/40mA
Mounting		Magnet
Operating conditions	Ambient temperature	14°F ~ 140°F
	Humidity	0% ~ 96% non-condensing
Storage conditions	Ambient temperature	-4°F ~ 158°F
	Humidity	0 % ~ 98 % non-condensing
Dimensions	H x W x D	2.56 x 4.50 x 1.22 (inch)
LCD	Size / Color	2 x 8 / grey
Communication functions	Direct HVAC connection	Connection to MultiPRO interface
	Ethernet	RJ-45, 100 Mbps
	MODBUS RTU	-
	BACnet MSTP	-
	USB Host	-
Maximal allowable wiring length (to router) over Ethernet (ft)		450
Maximum RS485 wiring length (ft)		-
Maximal allowable wiring length (to BMS) over RS485 (ft)		-
Control & Monitoring		-
Maximum connected Units		-
Advanced technical monitoring (model dependent)		-



A CENTRAL AIR SYSTEM THAT
DELIVERS **FLEXIBILITY** IN
EXTREME CLIMATES



ALL THE FLEXIBILITY, EFFICIENCY AND
PERFORMANCE IN ONE

The FLEXX ULTRA is the ideal central air system for even the most challenging environments. With 24 VAC and a horizontal (side) discharge design, this system delivers top performance for new construction and the add-on replacement markets.

- UP TO 19 SEER2 / 12.5 EER2 / 10.5 HSPF2 EFFICIENCY
- COOLING RANGE: 5°F - 129°F
- HEATING RANGE: -22°F - 75°F
- MAXIMUM LINE LENGTH: 164 FT.

- Up to 19 SEER2 / 10.5 HSPF2
- Operation Range -22°F~129°F
- 100% Cooling Capacity at 115°F
- 100% Heating Capacity at 5°F
- RS485 Communication and Universal 24V Control
- Multi-Position Air Handler
- Eco Friendly R32 Refrigerant
- Ultra Heat & Dual Fuel Compatible

SYSTEM TYPE			HEAT PUMP					
Outdoor Model			FXU18HP230V1R32AO		FXU24HP230V1R32AO	FXU36HP230V1R32AO	FXU48HP230V1R32AO	FXU60HP230V1R32AO
Indoor Model			FXU12HP230V1R32AH	FXU18HP230V1R32AH	FXU24HP230V1R32AH	FXU36HP230V1R32AH	FXU48HP230V1R32AH	FXU60HP230V1R32AH
SYSTEM PERFORMANCE								
Cooling Capacity	Min - Max	Btu/h	10,000 - 19,000	10,000 - 20,000	17,952 - 26,400	21,542 - 39,600	33,792 - 55,000	34,214 - 61,600
	Rated Capacity @95°F	Btu/h	17,000	18,000	24,000	34,000	48,000	53,000
Heating Capacity	Min - Max	Btu/h	10,000 - 19,000	10,000 - 20,000	17,287 - 27,000	19,592 - 36,040	25,162 - 50,880	25,931 - 57,240
	Rated Capacity @47°F	Btu/h	17,000	18,000	25,000	34,000	48,000	54,000
	Rated Capacity @17°F	Btu/h	14,500	14,500	20,600	28,200	39,500	45,000
	Rated Capacity @5°F	Btu/h	17,000	18,000	25,000	34,000	48,000	54,000
SEER2			18.0	18.5	18.0	18.2	19.0	18.5
EER2			12.5	12.5	12.5	12.0	12.0	11.7
HSPF2			9.0	9.0	10.0	10.0	10.0	10.5
COP @5°F			2.0	2.0	2.0	2.0	2.0	2.10
Energy Star® South			YES	YES	YES	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES	YES	YES
Cooling Temperature Range		°F	5 - 129	5 - 129	5 - 129	5 - 129	5 - 129	5 - 129
Heating Temperature Range		°F	-22 - 75	-22 - 75	-22 - 75	-22 - 75	-22 - 75	-22 - 75
Refrigerant Type			R32					
INDOOR UNIT			FXU12HP230V1R32AH	FXU18HP230V1R32AH	FXU24HP230V1R32AH	FXU36HP230V1R32AH	FXU48HP230V1R32AH	FXU60HP230V1R32AH
Power Supply		VAC	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz	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)	50	50	50	51	52	53
Control Voltage		VAC	24	24	24	24	24	24
MOCP		A	15	15	15	15	15	15
MCA		A	4.6	4.6	4.7	5.3	7.1	7.7
Electric Heater (Optional)		kW	5, 10	5, 10	5, 10	5, 10, 15	5, 10, 15, 20	5, 10, 15, 20
Air Flow		CFM	650	650	760	1000	1200	1500
External Static Pressure (Up to)		In W.c.	1.0	1.0	1.0	1.0	1.0	1.0
Dehumidification		pt/hr	3.01	3.19	4.25	6.02	8.49	9.76
External Dimensions (W x H x D)		in	18-1/8 x 43-1/2 x 21-1/4	18-1/8 x 43-1/2 x 21-1/4	18-1/8 x 43-1/2 x 21-1/4	21-1/4 x 48-3/16 x 21-1/4	24-13/16 x 52 x 21-1/4	24-13/16 x 52 x 21-1/4
Package Dimension (W x H x D)		in	20-5/8 x 45-5/8 x 26	20-5/8 x 45-5/8 x 26	20-5/8 x 45-5/8 x 26	23-3/4 x 50-3/8 x 26	27-1/4 x 54-3/16 x 26	27-1/4 x 54-3/16 x 26
Net Weight		lbs	135.6	135.6	135.6	163.1	199.5	199.5
Gross Weight		lbs	144.4	144.4	144.4	178.6	218.3	218.3
OUTDOOR UNIT			FXU18HP230V1R32AO		FXU24HP230V1R32AO	FXU36HP230V1R32AO	FXU48HP230V1R32AO	FXU60HP230V1R32AO
Power Supply		VAC	208-230V / 1Ph / 60 Hz		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)	59		60	61	62	63
Control Voltage		VAC	24		24	24	24	24
Rated Current Cooling		A	14		14.6	22	30	31
Rated Current Heating		A	15		19.2	25.6	32	32
MOCP		A	20		25	30	45	45
MCA		A	19		21	27.7	39.9	39.9
Compressor Type			GREE G20 / DOUBLE CYLINDER / 2 - STAGE INVERTER					
External Dimensions (W x H x D)		in	36-1/4 x 29-3/8 x 14-9/16		39 x 37-13/16 x 14-9/16	39 x 37-13/16 x 14-9/16	35-7/16 x 49-5/8 x 13-3/8	35-7/16 x 49-5/8 x 13-3/8
Package Dimension (W x H x D)		in	42-1/4 x 31-1/2 x 19		45-3/8 x 43-11/16 x 18-13/16	45-3/8 x 43-11/16 x 18-13/16	40-11/16 x 55-3/16 x 17-3/8	40-11/16 x 55-3/16 x 17-3/8
Net Weight		lbs	133.4		187.4	187.4	241.4	241.4
Gross Weight		lbs	143.3		211.6	211.6	263.5	263.5
Refrigerant Charge - R32		oz	56.4		88.2	102.3	162.3	162.3
Additional Charge		oz/ft	0.108		0.323	0.323	0.215	0.215
REFRIGERANT PIPING								
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 1/2		3/8 - 3/4	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4
Pre-Charge Length		ft	31		31	31	31	31
Pipe Length (Min - Max)		ft	10 - 66		10 - 164	10 - 164	10 - 98	10 - 98
Max. Pipe Elevation		ft	33		49	49	49	49
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor – Residential & Commercial					



FEATURING AN ADVANCED
A-COIL OPTION, THE FLEXX ULTRA
DELIVERS MAXIMUM ENERGY
EFFICIENCY



- UP TO 16.0 SEER2 / 11.0 EER2 / 8.5 HSPF2 EFFICIENCY
- COOLING RANGE: 5°F - 129°F
- HEATING RANGE: -22°F - 75°F
- MAXIMUM LINE LENGTH: 164 FT.

- Operation Range -22°F~129°F
- 100% Cooling Capacity at 115°F
- 100% Heating Capacity at 5°F
- RS485 Communication and Universal 24V Control
- Eco Friendly R32 Refrigerant
- Ultra Heat with Dual Fuel

SYSTEM TYPE			HEAT PUMP			
Outdoor Model			FXU36HP230V1R32AO		FXU60HP230V1R32AO	
Indoor Model			FXA24C32AH	FXA36C32AH	FXA48C32AH	FXA60C32AH
SYSTEM PERFORMANCE						
Cooling	Min - Max	Btu/h	12,000 - 28,000	18,000 - 35,000	34,000 - 50,000	35,000 - 55,000
	Rated Capacity @95°F	Btu/h	23,000	32,000	48,000	52,000
Heating	Min - Max	Btu/h	12,000 - 30,000	18,000 - 38,000	34,000 - 52,000	35,000 - 60,000
	Rated Capacity @47°F	Btu/h	24,000	35,000	48,000	53,000
	Rated Capacity @17°F	Btu/h	15,000	22,000	31,200	35,200
	Rated Capacity @5°F	Btu/h	21,600	25,600	36,000	40,000
SEER2			16.0	16.0	15.2	15.2
EER2			11.0	11.0	10.0	9.5
HSPF2			8.5	8.5	8.5	8.5
COP @5°F			1.80	1.80	1.80	1.80
Energy Star® South			NO	NO	NO	NO
Energy Star® Certified with Cold Climate Designation			NO	NO	NO	YES
Cooling Temperature Range		°F	5 - 129	5 - 129	5 - 129	5 - 129
Heating Temperature Range		°F	-22 - 75	-22 - 75	-22 - 75	-22 - 75
Refrigerant Type			R32			
INDOOR UNIT			FXA24C32AH	FXA36C32AH	FXA48C32AH	FXA60C32AH
Dehumidification		pt/hr	5.11	7.75	11.77	13.11
Drain Piping		in	Φ1×0.05	Φ1×0.05	Φ1×0.05	Φ1×0.05
External Dimensions (W x H x D)		in	17-1/2 x 23 x 21-1/4	17-1/2 x 23 x 21-1/4	24-1/2 x 28-1/2 x 21-1/4	24-1/2 x 28-1/2 x 21-1/4
Package Dimension (W x H x D)		in	21 x 25-3/4 x 27-1/8	21 x 25-3/4 x 27-1/8	28-1/8 x 31-5/16 x 27-1/8	28-1/8 x 31-5/16 x 27-1/8
Net Weight		lbs	75	75	110.0	110.0
Gross Weight		lbs	83.8	83.8	123.5	123.5
OUTDOOR UNIT			FXU36HP230V1R32AO		FXU60HP230V1R32AO	
Power Supply		VAC	208-230V / 1Ph / 60 Hz			
Sound Pressure Level		dB(A)	61		63	
Control Voltage		VAC	24		24	
Rated Current Cooling		A	9.08	12.6	18.6	23.1
Rated Current Heating		A	9.56	13.91	19.1	22.2
MOCP		A	30		45	
MCA		A	27.7		39.9	
Compressor Type			GREE G20 / DOUBLE CYLINDER / 2 - STAGE INVERTER			
External Dimensions (W x H x D)		in	39 x 37-13/16 x 14-9/16		35-7/16 x 49-5/8 x 13-3/8	
Package Dimension (W x H x D)		in	45-3/8 x 43-11/16 x 18-13/16		40-11/16 x 55-3/16 x 17-3/8	
Net Weight		lbs	187.4		241.4	
Gross Weight		lbs	211.6		263.5	
Refrigerant Charge - R32		oz	102.3		162.3	
Additional Charge		oz/ft	0.323		0.215	
REFRIGERANT PIPING						
Line Set Size (Liquid - Gas) - Flared Connections		in	3/8 - 3/4		3/8 - 3/4	
Pre-Charge Length		ft	31		31	
Pipe Length (Min - Max)		ft	10 - 164		10 - 98	
Max. Pipe Elevation		ft	98		49	
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial			



A CENTRAL AIR SYSTEM WITH AFFORDABLE COMFORT & FLEXIBILITY



WHEN YOU WANT TO FLEXX AND MANAGE THE BUDGET

The FLEXX ECO is GREE’s central air system tailored for southern climates, utilizing a 24 VAC and a horizontal (side) discharge design. It is ideal for both the add-on replacement market and new construction projects. The FLEXX ECO is known for its quiet operation and compact outdoor footprint, making it an excellent choice for efficient and unobtrusive cooling solutions.

- UP TO 20 SEER2 / 11.7 EER2 / 9.5 HSPF2 EFFICIENCY
- COOLING RANGE: 5°F - 118°F
- HEATING RANGE: 5°F - 75°F
- MAXIMUM LINE LENGTH: 98 FT.

- Sound levels down to 56 dB(A) on outdoor unit
- New R32 Refrigerant
- RS485 Communication and Universal 24V Control
- Multi-Position Air Handler
- All FLEXX ODU’s have golden fin and all IDU’s have blue fin
- Golden Fin Equipment – 1500 Hrs Salt Spray tested

SYSTEM TYPE			HEAT PUMP					
Outdoor Model			FXU18HP230V1R32AO		FXU24HP230V1R32AO	FXU36HP230V1R32AO	FXU48HP230V1R32AO	FXU60HP230V1R32AO
Indoor Model			FXU12HP230V1R32AH	FXU18HP230V1R32AH	FXU24HP230V1R32AH	FXU36HP230V1R32AH	FXU48HP230V1R32AH	FXU60HP230V1R32AH
SYSTEM PERFORMANCE								
Cooling Capacity	Min - Max	Btu/h	10,000 - 19,000	10,000 - 20,000	17,952 - 26,400	21,542 - 39,600	33,792 - 55,000	34,214 - 61,600
	Rated Capacity @95°F	Btu/h	17,000	18,000	24,000	34,000	48,000	53,000
Heating Capacity	Min - Max	Btu/h	10,000 - 19,000	10,000 - 20,000	17,287 - 27,000	19,592 - 36,040	25,162 - 50,880	25,931 - 57,240
	Rated Capacity @47°F	Btu/h	17,000	18,000	25,000	34,000	48,000	54,000
	Rated Capacity @17°F	Btu/h	14,500	14,500	20,600	28,200	39,500	45,000
	Rated Capacity @5°F	Btu/h	17,000	18,000	25,000	34,000	48,000	54,000
SEER2			18.0	18.5	18.0	18.2	19.0	18.5
EER2			12.5	12.5	12.5	12.0	12.0	11.7
HSPF2			9.0	9.0	10.0	10.0	10.0	10.5
COP @5°F			2.0	2.0	2.0	2.0	2.0	2.10
Energy Star® South			YES	YES	YES	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES	YES	YES
Cooling Temperature Range		°F	5 - 129	5 - 129	5 - 129	5 - 129	5 - 129	5 - 129
Heating Temperature Range		°F	-22 - 75	-22 - 75	-22 - 75	-22 - 75	-22 - 75	-22 - 75
Refrigerant Type			R32					
INDOOR UNIT			FXU12HP230V1R32AH	FXU18HP230V1R32AH	FXU24HP230V1R32AH	FXU36HP230V1R32AH	FXU48HP230V1R32AH	FXU60HP230V1R32AH
Power Supply	VAC		208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz	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)		50	50	50	51	52	53
Control Voltage	VAC		24	24	24	24	24	24
MOCP	A		15	15	15	15	15	15
MCA	A		4.6	4.6	4.7	5.3	7.1	7.7
Electric Heater (Optional)	kW		5, 10	5, 10	5, 6, 10	5, 6, 9, 10, 12, 15	5, 6, 9, 10, 12, 15, 20	5, 6, 9, 10, 12, 15, 20
Air Flow	CFM		650	650	760	1000	1200	1500
External Static Pressure (Up to)	In W.c.		1.0	1.0	1.0	1.0	1.0	1.0
Dehumidification	pt/hr		3.01	3.19	4.25	6.02	8.49	9.76
External Dimensions (W x H x D)	in		18-1/8 x 43-1/2 x 21-1/4	18-1/8 x 43-1/2 x 21-1/4	18-1/8 x 43-1/2 x 21-1/4	21-1/4 x 48-3/16 x 21-1/4	24-13/16 x 52 x 21-1/4	24-13/16 x 52 x 21-1/4
Package Dimension (W x H x D)	in		20-5/8 x 45-5/8 x 26	20-5/8 x 45-5/8 x 26	20-5/8 x 45-5/8 x 26	23-3/4 x 50-3/8 x 26	27-1/4 x 54-3/16 x 26	27-1/4 x 54-3/16 x 26
Net Weight	lbs		135.6	135.6	135.6	163.1	199.5	199.5
Gross Weight	lbs		144.4	144.4	144.4	178.6	218.3	218.3
OUTDOOR UNIT			FXU18HP230V1R32AO	FXU24HP230V1R32AO	FXU36HP230V1R32AO	FXU48HP230V1R32AO	FXU60HP230V1R32AO	
Power Supply	VAC		208-230V / 1Ph / 60 Hz		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)		59		60	61	62	63
Control Voltage	VAC		24		24	24	24	24
Rated Current Cooling	A		14		14.6	22	30	31
Rated Current Heating	A		15		19.2	25.6	32	32
MOCP	A		20		25	30	45	45
MCA	A		19		21	27.7	39.9	39.9
Compressor Type			GREE G20 / DOUBLE CYLINDER / 2 - STAGE INVERTER					
External Dimensions (W x H x D)	in		36-1/4 x 29-3/8 x 14-9/16		39 x 37-13/16 x 14-9/16	39 x 37-13/16 x 14-9/16	35-7/16 x 49-5/8 x 13-3/8	35-7/16 x 49-5/8 x 13-3/8
Package Dimension (W x H x D)	in		42-1/4 x 31-1/2 x 19		45-3/8 x 43-11/16 x 18-13/16	45-3/8 x 43-11/16 x 18-13/16	40-11/16 x 55-3/16 x 17-3/8	40-11/16 x 55-3/16 x 17-3/8
Net Weight	lbs		133.4		187.4	187.4	241.4	241.4
Gross Weight	lbs		143.3		211.6	211.6	263.5	263.5
Refrigerant Charge - R32	oz		56.4		88.2	102.3	162.3	162.3
Additional Charge	oz/ft		0.108		0.323	0.323	0.215	0.215
REFRIGERANT PIPING								
Line Set Size (Liquid - Gas) - Flared Connections	in		1/4 - 1/2		3/8 - 3/4	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4
Pre-Charge Length	ft		31		31	31	31	31
Pipe Length (Min - Max)	ft		10 - 66		10 - 164	10 - 164	10 - 98	10 - 98
Max. Pipe Elevation	ft		33		49	49	49	49
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor – Residential & Commercial					



FEATURING AN ADVANCED
A-COIL OPTION, THE FLEXX ECO
DELIVERS MAXIMUM ENERGY
EFFICIENCY



- UP TO 16.5 SEER2 / 11.7 EER2 / 8.5 HSPF2 EFFICIENCY
 - COOLING RANGE: 5°F - 118°F
 - HEATING RANGE: 5°F - 75°F
 - MAXIMUM LINE LENGTH: 164 FT.
- Operation Range 5°F~118°F
 - 100% Cooling Capacity at 115°F
 - 90% Heating Capacity at 5°F
 - RS485 Communication and Universal 24V Control
 - Eco Friendly R32 Refrigerant
 - Energy Efficient Option with Dual Fuel

SYSTEM TYPE			HEAT PUMP			
Outdoor Model			FXE36HP230V1R32AO		FXE60HP230V1R32AO	
Indoor Model			FXA24C32AH	FXA36C32AH	FXA48C32AH	FXA60C32AH
SYSTEM PERFORMANCE						
Cooling	Min - Max	Btu/h	12,000 - 28,000	18,000 - 35,000	34,000 - 50,000	35,000 - 55,000
	Rated Capacity @95°F	Btu/h	24,000	33,000	47,000	51,000
Heating	Min - Max	Btu/h	12,000 - 30,000	18,000 - 38,000	34,000 - 52,000	35,000 - 60,000
	Rated Capacity @47°F	Btu/h	24,000	33,000	48,000	52,000
	Rated Capacity @17°F	Btu/h	15,000	22,000	31,200	35,200
	Rated Capacity @5°F	Btu/h	21,600	25,600	36,000	40,000
SEER2			16.0	16.0	16.5	16.0
EER2			11.7	11.0	11.0	10.0
HSPF2			8.5	8.5	8.5	8.5
COP @5°F			1.85	1.80	1.85	1.80
Energy Star® South			YES	NO	NO	NO
Energy Star® Certified with Cold Climate Designation			NO	NO	NO	NO
Cooling Temperature Range		°F	5 - 118	5 - 118	5 - 118	5 - 118
Heating Temperature Range		°F	5 - 75	5 - 75	5 - 75	5 - 75
Refrigerant Type			R32			
INDOOR UNIT			FXA24C32AH	FXA36C32AH	FXA48C32AH	FXA60C32AH
Dehumidification		pt/hr	5.11	7.75	11.77	13.11
Drain Piping		in	Φ1×0.05	Φ1×0.05	Φ1×0.05	Φ1×0.05
External Dimensions (W x H x D)		in	17-1/2 × 23 × 21-1/4	17-1/2 × 23 × 21-1/4	24-1/2 × 28-1/2 × 21-1/4	24-1/2 × 28-1/2 × 21-1/4
Package Dimension (W x H x D)		in	21 × 25-3/4 × 27-1/8	21 × 25-3/4 × 27-1/8	28-1/8 × 31-5/16 × 27-1/8	28-1/8 × 31-5/16 × 27-1/8
Net Weight		lbs	75	75	110.0	110.0
Gross Weight		lbs	83.8	83.8	123.5	123.5
OUTDOOR UNIT			FXE36HP230V1R32AO		FXE60HP230V1R32AO	
Power Supply		VAC	208-230V / 1Ph / 60 Hz			
Sound Pressure Level		dB(A)	60		62	
Control Voltage		VAC	24		24	
Rated Current Cooling		A	9	12	17	18.5
Rated Current Heating		A	9	13	18	19.5
MOCP		A	25		40	
MCA		A	21.6		35.5	
Compressor Type			GREE G20 / DOUBLE CYLINDER / 1- STAGE INVERTER			
External Dimensions (W x H x D)		in	36-1/4 × 29-3/8 × 14-9/16		35-7/16 × 49-5/8 × 13-3/8	
Package Dimension (W x H x D)		in	42-1/2 × 31-1/2 × 19		40-11/16 × 55-3/16 × 17-3/8	
Net Weight		lbs	124.6		214	
Gross Weight		lbs	133.4		236	
Refrigerant Charge - R32		oz	98.8		148.2	
Additional Charge		oz/ft	0.215		0.215	
REFRIGERANT PIPING						
Line Set Size (Liquid - Gas) - Flared Connections		in	3/8 - 3/4		3/8 - 3/4	
Pre-Charge Length		ft	31		31	
Pipe Length (Min - Max)		ft	10 - 98		10 - 98	
Max. Pipe Elevation		ft	49		49	
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial			



HIGH EFFICIENCY & PERFORMANCE IN A SINGLE COMPACT UNIT.



WHERE EFFICIENCY & ULTRA PERFORMANCE FIT INTO A SINGLE PACKAGE

The X-PAC utilizes Gree’s inverter-driven, ultra heat compressor technology to deliver optimal comfort and energy savings across a wide range of outdoor temperatures. The X-PAC features a small footprint, 24 VAC and RS485 controls, horizontal or downflow configuration, and multiple airflow settings to handle a wide range of residential and light commercial applications.

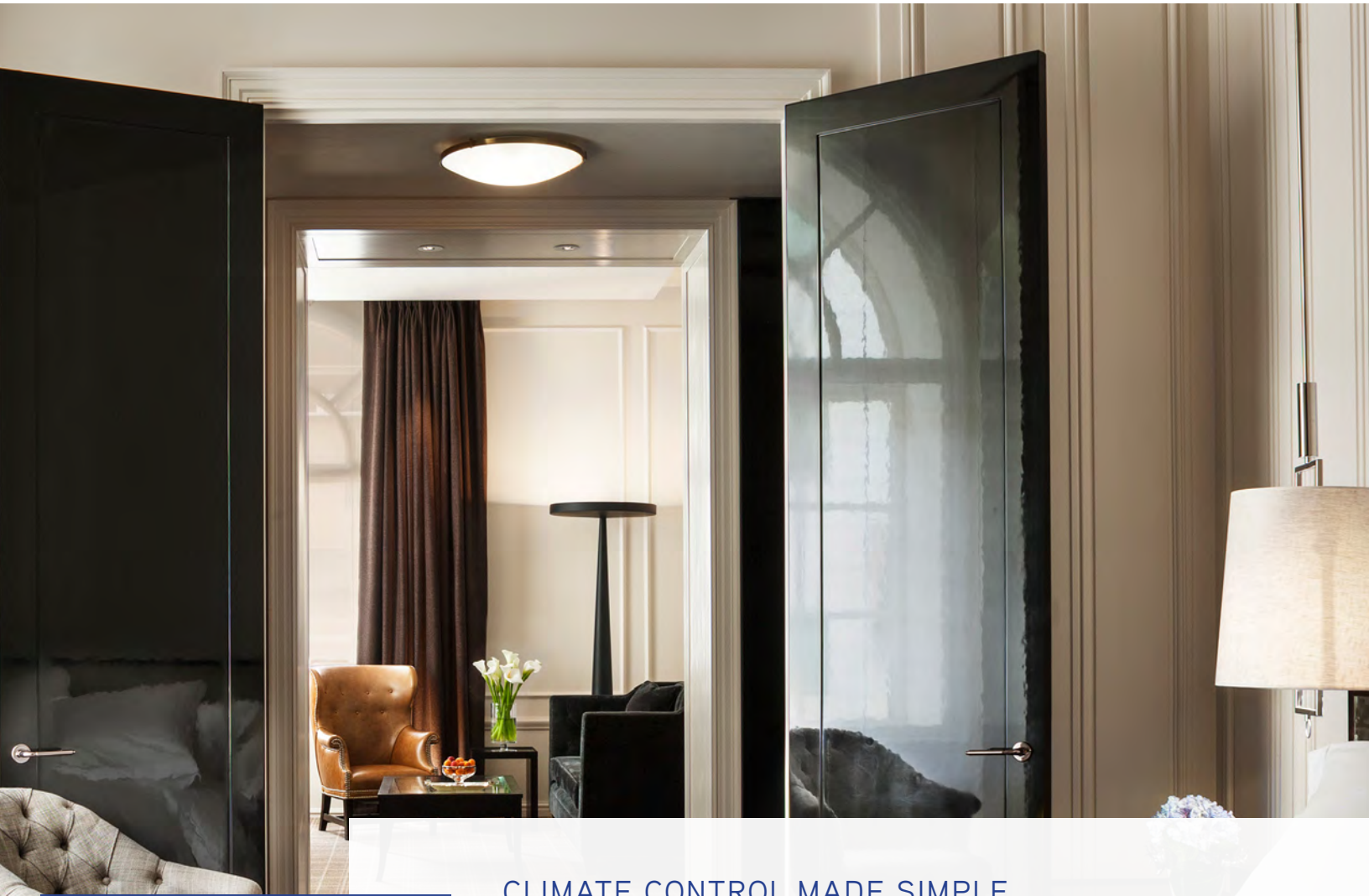
- UP TO 18.0 SEER2 / 11.7 EER2 / 8.8 HSPF2 EFFICIENCY
- COOLING RANGE: 5°F - 125°F
- HEATING RANGE: -22°F - 75°F
- 100% HEATING CAPACITY AT 15°F

- Sound levels down to 65 dB(A)
- Conventional, 24 VAC thermostat control
- New R32 Refrigerant
- Intelligent Defrost Technology
- XE7C-23/H Programmable Wired Controller Included
- Golden Fin Equipment - 1500 Hrs Salt Spray tested

SYSTEM TYPE			PACKAGED HEAT PUMP			
Model			GK-H02TC/NhA-D(U)	GK-H03TC/NhA-D(U)	GK-H04TC/NhA-D(U)	GK-H05TC/NhA-D(U)
SYSTEM PERFORMANCE						
Cooling	Rated Capacity @95°F	Btu/h	24,000	34,000	47,000	56,000
	Rated Capacity @47°F	Btu/h	24,000	34,000	47,000	57,000
	Rated Capacity @17°F	Btu/h	15,500	21,800	28,200	34,000
	Rated Capacity @5°F	Btu/h	29,000	29,000	51,000	51,000
SEER2			18.0	18.0	18.0	18.0
EER2			11.7	11.2	11.2	11.2
HSPF2			8.8	8.5	8.5	8.3
COP @5°F			1.90	1.90	2.00	2.00
Energy Star® South			YES	NO	NO	NO
Energy Star® Certified with Cold Climate Designation			NO	NO	NO	YES
UNIT DATA			GK-H02TC/NhA-D(U)	GK-H03TC/NhA-D(U)	GK-H04TC/NhA-D(U)	GK-H05TC/NhA-D(U)
Cooling Temperature Range		°F	23 - 125			
Heating Temperature Range		°F	-22 - 75			
Refrigerant Type			R32			
Compressor Type			Inverter Rotary			
Sound Pressure Level		dB(A)	65	65	68	68
External Static Pressure (Min - Max)		In W.c.	0 - 1.0	0 - 1.0	0 - 1.0	0 - 1.0
Drain Connection Size		in	3/4	3/4	3/4	3/4
External Dimensions (W x H x D)		in	44 x 49-1/4 x 35-7/16	44 x 49-1/4 x 35-7/16	44 x 49-1/4 x 44	44 x 49-1/4 x 44
Package Dimension (W x H x D)		in	44-5/8 x 50-13/16 x 35-15/16	44-5/8 x 50-13/16 x 35-15/16	44-5/8 x 50-13/16 x 44-5/8	44-5/8 x 50-13/16 x 44-5/8
Net Weight		lbs	538	538	628	628
Gross Weight		lbs	560	560	650	650
REFRIGERANT PIPING						
Refrigerant Charge - R32		oz	176.4	176.4	236.4	236.4
Additional Charge		oz/ft	0.2	0.2	0.2	0.2
Port Size (Liquid - Gas)		in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
Pre-Charge Length		ft	33	33	33	33
ELECTRICAL						
Power Supply			208-230V / 1Ph / 60Hz			
MCA		A	35	35	39.1	39.1
MOCP		A	40	40	45	45
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			



A COOL CROWD PLEASER



CLIMATE CONTROL MADE SIMPLE

With its impressive array of features and benefits, the GREE ETAC III R32 is the perfect solution for heating and cooling hospitality, healthcare and specialty residential installations.

- UP TO 13.3 EER
- IDEAL FOR HOSPITALITY AND INSTITUTIONAL USE
- PROGRAMMABLE OPERATION
- EXTERNAL THERMOSTAT CAPABILITIES

- Self-Diagnosis
- Wall thermostat interface
- Remote controller option
- Energy-efficient operation
- Outdoor coil sea coast protection now standard on all units
- Dry-mode dehumidification
- Automatic voltage adaption
- Freeze protection
- Easy retrofitting into most competitive wall sleeves (without a kit)
- New R32 Refrigerant



SYSTEM TYPE		COOLING W/ ELECTRIC HEATING							
Indoor Model		ETAC3-07HC230VA-CP	ETAC3-09HC230VA-CP	ETAC3-12HC230VA-CP	ETAC3-15HC230VA-CP	ETAC3-07HC265VA-CP	ETAC3-09HC265VA-CP	ETAC3-12HC265VA-CP	ETAC3-15HC265VA-CP
SYSTEM PERFORMANCE									
Cooling Capacity	Btu/h	7400	10200	12300	14700	7500	10000	12300	14800
EER		13.3	12.5	11.6	10.4	13.3	12.5	11.6	10.6
Energy Star®		NO							
Cooling Temperature Range	*F	64.4 - 115							
Compressor Type		Rotary							
Air flow (Min-Max)	CFM	282 - 312	282 - 330	306 - 341	306 - 341	282 - 312	282 - 330	306 - 341	306 - 341
Sound Pressure Level (Down to)	dB(A)	46	46	50	50	46	46	50	50
Dehumidification	pt/hr	1.69	2.11	2.75	3.17	1.69	2.11	2.75	3.17
Unit Dimension (WxHxD)	in	42 × 16 × 21-1/2							
Package Dimension (WxHxD)	in	45-3/16 × 18-1/2 × 25-3/4							
Weight (Net / Gross)	lbs	110.2 / 122.4	110.2 / 122.4	110.2 / 122.4	110.2 / 122.4	110.2 / 122.4	110.2 / 122.4	110.2 / 122.4	110.2 / 122.4
Refrigerant Type		R32							
Coil Type		Aluminum Fin-Copper Tube / Acrylic Resin Protection							
ELECTRICAL									
Power Supply		230V / 1Ph / 60Hz (Powered by the Outdoor Unit)				265V / 1Ph / 60Hz (Powered by the Outdoor Unit)			
Rated Current Cooling	amps	3.3	5.0	6.2	8.2	3.3	5.0	6.2	8.2
Power Cord Selection	amps	15 / 20	15 / 20	15 / 20 / 30	15 / 20 / 30	15 / 20	15 / 20	15 / 20 / 30	15 / 20 / 30
LIMITED WARRANTY		5 Years Parts & Compressor - Residential							
SYSTEM TYPE		HEAT PUMP (COOLING & HEATING) W/ BACKUP ELECTRIC HEATING							
Indoor Model		ETAC3-07HP230VA-CP	ETAC3-09HP230VA-CP	ETAC3-12HP230VA-CP	ETAC3-15HP230VA-CP	ETAC3-07HP265VA-CP	ETAC3-09HP265VA-CP	ETAC3-12HP265VA-CP	ETAC3-15HP265VA-CP
SYSTEM PERFORMANCE									
Cooling Capacity	Btu/h	7400	9700	12100	14600	7300	9800	12000	14500
Heating Capacity	Btu/h	6000	8500	10900	13800	6000	8600	10700	13300
EER		13.0	12.1	11.6	10.4	13.0	12.1	11.6	10.4
COP		3.6	3.7	3.4	3.1	3.6	3.7	3.4	3.1
Energy Star®		NO							
Cooling Temperature Range	*F	64.4 - 115							
Heating Temperature Range (Heat Pump)	*F	-19.4 - 77							
Compressor Type		Rotary							
Air flow (Min-Max)	CFM	282 - 312	282 - 330	306 - 341	306 - 341	282 - 312	282 - 330	306 - 341	306 - 341
Sound Pressure Level (Down to)	dB(A)	46	46	50	50	46	46	50	50
Dehumidification	pt/hr	1.69	2.11	2.75	3.17	1.69	2.11	2.75	3.17
Unit Dimension (WxHxD)	in	42 × 16 × 21-1/2							
Package Dimension (WxHxD)	in	45-3/16 × 18-1/2 × 25-3/4							
Weight (Net / Gross)	lbs	110.2 / 122.4	110.2 / 122.4	110.2 / 122.4	110.2 / 122.4	110.2 / 122.4	110.2 / 122.4	110.2 / 122.4	110.2 / 122.4
Refrigerant Type		R32							
Coil Type		Aluminum Fin-Copper Tube / Acrylic Resin Protection							
ELECTRICAL									
Power Supply		230V / 1Ph / 60Hz (Powered by the Outdoor Unit)				265V / 1Ph / 60Hz (Powered by the Outdoor Unit)			
Rated Current Cooling	amps	3.3	5.1	6.2	8.2	3.3	5.1	6.2	8.2
Rated Current Heating (Heat Pump)	amps	2.7	3.9	5.3	7.9	2.7	3.9	5.3	7.9
Power Cord Selection	amps	15 / 20	15 / 20	15 / 20 / 30	15 / 20 / 30	15 / 20	15 / 20	15 / 20 / 30	15 / 20 / 30
LIMITED WARRANTY		5 Years Parts & Compressor - Residential							
POWER CORDS - MODEL NUMBER									
Model		E2CORD-230V15A	E2CORD-230V20A	E2CORD-230V30A	E2CORD-265V15A	E2CORD-265V20A	E2CORD-265V30A		
Voltage Rating	Volts	208-230V / 1Ph / 60Hz	208-230V / 1Ph / 60Hz	208-230V / 1Ph / 60Hz	265V / 1Ph / 60Hz	265V / 1Ph / 60Hz	265V / 1Ph / 60Hz	265V / 1Ph / 60Hz	
Breaker Size	amps	Per Local Code							
Minimum Circuit Ampacity	MCA	14	19	28	12	17	24		
Electric Heating Capacity	Btu/h	8367	8367 / 11782	8367 / 11782 / 17075	8367	8367 / 11782	8367 / 11782 / 17075		
Electric Heater	KW	2.45	2.45/3.45	2.45 / 3.45 / 5	2.45	2.45/3.45	2.45 / 3.45 / 5		
Receptacle (NEMA Number)	Type	Tandem (6-15R)	Perpendicular (6-20R)	Large Tandem (6-30R)	265V 15 Amp (7-15R)	265V 20 Amp (7-20R)	265V 30 Amp (7-30R)		
Plug Configuration NEMA Number		6-15P	6-20P	6-30P	7-15P	7-20P	7-30P		



Select Dealer Program

Partner with success...

PROGRAM REQUIREMENTS

- ✓ Meet all local & state contractor licensing requirements.
- ✓ Complete 4 training courses on GREE University in first year of sign up. For more information: greemarketing@twclimate.com
- ✓ Perform 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

*Multiple classes available at GREE University. Visit greecomfort.com/gree-university for details.



ADVANTAGES START HERE...

- Partner with one of the **fastest-growing brands** in heating and cooling, offering both **ducted and duct-free** solutions with **exceptional performance and value**.
- **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 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](https://greecomfort.com/greeselect) FOR DETAILS

WHEN YOU BUY A GREE...

WARRANTY



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 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 WARRANTY

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



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.



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 may vary due to your actual installation conditions. Please refer to submittals and product installation documents for more detailed information.

BEFORE YOU INSTALL A GREE MINI-SPLIT



INSTALL SUPPORT
www.greecomfort.com/videos
www.greecomfort.com/before-you-install
SCAN FOR QUICK TIP VIDEOS

TOOLS REQUIRED

- 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
- Hex keys (allen wrenches)
- Level
- Screwdrivers (flat & Phillips head)
- Safety goggles & gloves
- A2L compatible, left-hand thread adapter & charge hose



In Cold Weather, Compressor must warm up before system start-up.

First connect power to Outdoor Unit for time period below.

Above 50°F = 1 Hour
32°F - 50°F = 2 Hour
14°F - 32°F = 4 Hour
Below 14°F = 8 Hour

As reference, use the coldest temperature in the last 24 hours.

BEST PRACTICES

UNIT PLACEMENT

- Follow clearance guidelines on indoor & outdoor units for proper airflow & servicing
- Include space for drainage so condensate flows out of unit
- Anchor both units properly to prevent vibration or malfunction
- Be sure condensate drain tubing is pitched downward for proper drainage

PIPING

- Use only correct line set size as determined by indoor unit
- Use only copper refrigerant piping
- Insulate both refrigerant lines from each other
- Use a pipe length that does not exceed the maximum or go below the minimum length
- Do not make vertical loops in the piping & support runs from sagging or bending
- Always use torque and backup wrenches to tighten flares to the proper torque.

Pipe Diameter	Nut Size	Tightening Torque
1/4"	1/4"	10 to 13
3/8"	3/8"	25 to 30
1/2"	1/2"	36 to 45
5/8"	5/8"	50 to 60

WARRANTY

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

WIRING

- For wiring from IDU to ODU, use only 14/4 stranded 600V rated wire
Never use wire nuts or splices
- Use non-insulated spade connectors on all terminal connections
- Use only a dedicated electrical circuit
- Always GROUND indoor & outdoor unit
- Line monitors or surge protectors that protect systems designed for 187 - 253 volts AC are highly recommended

CHARGING

Always use A2L compatible tooling with R-32 refrigerants

- Test refrigerant lines for leaks by pressurizing with nitrogen to 500 P.S.I.
- While under pressure, use a leak detection solution to test for leaks at all flare connections. Failure to do so could result in the A2L sensor alarming at indoor unit
- 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

NOTES

[illegible]

NOTES

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across its entire width, typical of notebook or legal stationery. The background is a solid off-white color, and there are no margins, text, or other markings present.



Compatibility
Tool



System
Builder App



Parts
Lookup



Become a GREE
Select Dealer



G R E E C O M F O R T . C O M

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