Up to 38 SEER & 15.0 HSPF

EXTREME

HIGH EFFICIENCY WALL MOUNTED HEAT PUMPS

9, 12, 18 & 24,000 BTU

PERFORMANCE
DOWN TO -30°C

10

WARRANTY
10-year parts
& labor

ENERGY STAR

GREE

1 in 3 wall mounted units sold worldwide is made by GREE.
Professionals you can trust.

THE ALL NEW EXTREME WALL-MOUNTED HEAT PUMP

SIMPLY THE BEST HEAT PUMP

DESIGNED AND MANUFACTURED BY GREE

Equipped with GREE's two-stage Inverter technology, the Extreme achieves phenomenal efficiency levels of up to 80% heating capacity at outdoor temperatures of -30°C.

COMFORT EXPERTS AND WORLD-CLASS HEAT PUMPS

GREE Electric Appliances Inc. is the world's largest manufacturer of air conditioning and heating units.

Wherever you go, on every continent, you will meet people who experience GREE comfort. In fact, 1 in 3 air conditioners sold world-wide is made by GREE. Think about it: it would be impossible to reach a 33% market share without a series of high quality control testing, innovative technologies and proven reliability.

Zhuhai, Chine

3,000 PATENTS, 300 LABS, 3 RESEARCH CENTRES, 5,000 ENGINEERS - AND COUNTING

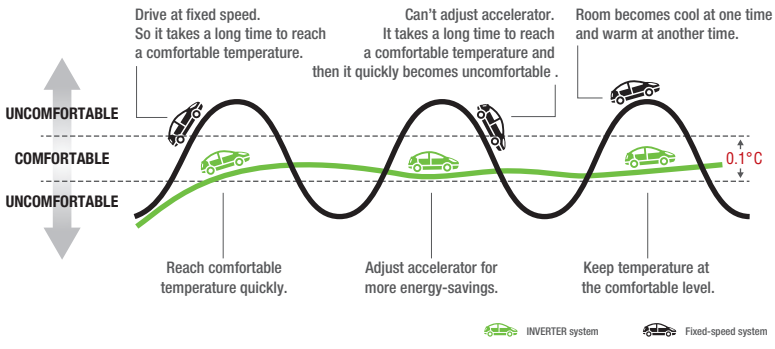
Recognized as a world leader, GREE has earned this title with its advanced technology and innovation. Research and development are at the heart of the company's operations: GREE designs, develops and manufactures the various components of its products and thanks to specialized research institutes and product development centres, GREE is able to ensure the quality, consistency, reliability and energy efficiency of each of its products.

QUALITY, FROM THE FACTORY TO YOUR HOME

Making your home comfortable is GREE's mission: all their products are handled by a network of certified contractors with the required technical knowledge to assist you in the buying process and to install your equipment according to industry standards for maximum reliability and performance.

G10 Inverter TECHNOLOGY

Most wall-mounted heat pumps work at a fixed speed, which causes frequent shut-offs and start-ups resulting in unnecessary energy consumption.The recently patented, G10 Inverter technology allows you to reach your exact desired ambient temperature rapidly while reducing your energy consumption. It maintains an adequate set point and stands out by a compressor consumption as low as 45W. G10 technology also ensures a quieter operation by reducing compressor vibration and noise.



EXTREME

THE IDEAL HEAT PUMP

TO FACE OUR CANADIAN CLIMATE

INTELLIGENT DEFROSTING
In heating mode, the microprocessor controlled defrosting is only performed when needed in order to maximize energy savings

COMPACT DESIGN
Reduced size of indoor and outdoor units for easy installation

WIDE LOUVERS
Ensure maximum air flow and increase comfort

SELF-DIAGNOSIS
The unit's electronic control system shows error code automatically to facilitate maintenance

MEMORY
Automatically restores previous settings after a power failure

WI-FI
Remotely controls unit settings from a smartphone, wherever you are

I-FEEL
Captures temperature from remote control for precise control to provide maximum comfort and energy savings

TURBO
Increases the air flow, which enables the indoor temperature to reach the set temperature in a shorter time

GUARANTEED COMFORT DURING HEAT WAVES OR FREEZING COLD

The EXTREME heat pump is designed to face the difficult conditions of our Canadian climate. Especially during extremely cold periods, it offers cozy comfort at temperatures as low as -30°C, without compromising on performance and, above all, your well-being.

GREE equips the EXTREME outdoor units with a heated base which prevents condensate from freezing and ensures the full efficiency and maximum heating operation.

Base with heating element

TWO-STAGE COMPRESSOR

Equipped with a two-stage compressor developed by GREE, the Extreme heat pump surpasses the highest performances.

	GREE 2-stage Inverter compressor	inverter compressor
Applicable temperature range	Reliable operation within -30°C and 54°C 54°C -30°C	Reliable operation within -15°C and 43°C 43°C -15°C
Cooling and heatig capacity	Heating capacity is improved by 30% Cooling capacity is improved by 35% 30% 35%	Heating capacity and cooling capacity are not improved Without improvement Without improvement
Air outlet temperature	The highest temperature at air outlet is 52°C in heating mode 52°C	The highest temperature at air outlet is 40°C in heating mode 40°C

TECHNICAL SPECIFICATIONS

	HEAT PUMPS			
	9,000	12,000	18,000	24,000
Indoor model	**GWH09AADD3DNA2AI**	**GWH12AADD3DNA2AI**	**GWH18AAED3DNA2AI**	**GWH24AAED3DNA2AI**
Outdoor model	**GWH09YDD3DNA1AO**	**GWH12YDD3DNA1AO**	**GWH18YED3DNA1AO**	**GWH24YED3DNA1AO**
PERFORMANCE RATINGS/ELECTRICAL DATA				
BTU/h (cooling)	9,000 (1,535-12,966)	12,000 (2,900-15,354)	18,000 (4,094-21,837)	22,000 (6,800-30,700)
BTU/h (heating)	9,000 (2,388-13,648)	12,200 (3,071-18,766)	18,000 (4,094-24,566)	24,000 (6,800-32,000)
Voltage/frequency	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Max. Crt. Bkr (A)	15	15	30	35
SEER	38.0	30.5	24.5	21.5
HSPF	15.0	14.0	12.0	12.0
EER	16.67	15.3	13.54	13.0
Cooling operating range °C (°F)	-18~54 (0~129)	-18~54 (0~129)	-18~54 (0~129)	-18~54 (0~129)
Heating operating range °C (°F)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)	-30~24 (-22~75)
Moisture removal L/h	0.80	1.40	1.80	2.00
Indoor air circulation CFM (hi/medium/low/quiet)	424/383/353/324/294/265/206	500/471/441/353/324/265/235	736/677/618/559/500/459/353	824/765/706/647/588/500/383
Indoor noise level (dB-A) (hi/medium/low/quiet)	45/40/38/36/33/31/19	49/46/43/40/37/34/22	51/48/45/42/39/36/34	54/49/46/43/40/37/34
Outdoor noise level (dB-A)	53	53	59	59
REFRIGERATION SYSTEM				
Liquid line (in)	1/4	1/4	1/4	1/4
Suction line (in)	1/2	1/2	5/8	5/8
Max. line length (ft)	49.2	98.4	131.2	164.0
Max. height difference (ft)	32.8	49.2	65.6	98.5
INDOOR UNIT DIMENSIONS (in)				
Height	11 4/5	11 4/5	12 7/8	12 4/5
Width	38 1/5	38 1/5	43 1/3	42 1/2
Depth	8 6/7	8 6/7	9 4/5	9 2/3
OUTDOOR UNIT DIMENSIONS (in)				
Height	23 1/2	23 1/2	31 1/9	31 1/9
Width	35 2/5	35 2/5	38 4/7	38 4/7
Depth	14 7/8	14 7/8	16 4/5	16 4/5

THE INDUSTRY'S BEST WARRANTY

It is reassuring to know that the Extreme provides year-round comfort, and even more to know that it will for many years. And because it is subject to special care and attention during its design and manufacturing, the Extreme heat pump is backed by a 10-year parts and labor warranty, the best in the industry.

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Listed by Underwriters Laboratory

Authorized dealer

GREE

GREE products are subject to continuous improvements. GREE reserves the right to modify product design, specifications and information without notice and without incurring obligations.

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