

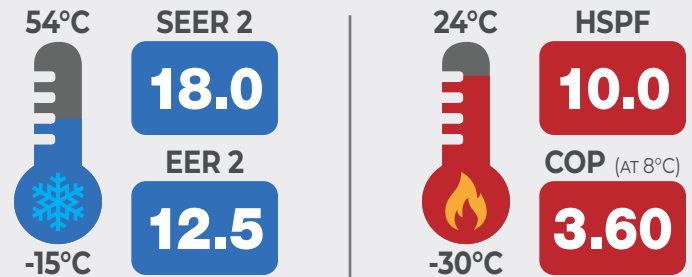
Ultra Heat

SERIES



LET'S CURB CLIMATE CHANGE
WITH ENERGY-EFFICIENT HEATING

The challenge for heat pumps has long been their efficiency in very cold weather. The **UNIX R32** central heat pump uses cutting-edge technologies developed by **GREE**, enabling powerful heating capacity despite outdoor temperatures as low as -30°C . Perfect for our harsh Canadian winters!



- DC Inverter Technology
- External Service Valves and Electrical Terminals for Easy Field Installation
- Compatible with Downflow Applications
- Compatible with 24VAC Thermostats
- Compatible with RS485 Communication
- Quiet Design
- Possibility of Retrofit Installation
- Two-cylinder, Two-stage Compressor
- Environmentally-friendly R32 Refrigerant

INSTALLATION FLEXIBILITY

- A) Install a complete **GREE** kit, or
- B) Retrofit with a third-party indoor unit, or with a furnace combined with a case coil, to reduce labor and equipment costs.

STANDARD 24V COMMUNICATION

The **UNIX R32** series communication system is compatible with most standard 24V wired thermostats on the market.



GREE HEAT PUMPS...
TOWARDS ZERO EMISSIONS!



Condensing Unit
36,000 BTU/h



Condensing Unit
60,000 BTU/h



Air Handler
UNIX R32

| UNIX R32 / AIR HANDLER | | | 24000 (24/36) | 36000 (36/36) | 48000 (48/60) | 60000 (60/60) |
|---------------------------------------|-------------|---------|--------------------------|--------------------------|--------------------------|--------------------------|
| Indoor Unit: | | | GUD24AH2/G-D(U) | GUD36AH2/G-D(U) | GUD48AH2/G-D(U) | GUD60AH2/G-D(U) |
| Outdoor Unit: | | | GUD36W2/NhE-D(U) | GUD36W2/NhE-D(U) | GUD60W2/NhE-D(U) | GUD60W2/NhE-D(U) |
| AHRI Reference Code: | | | 217120759 | 217120760 | 217120761 | 217120762 |
| Power Supply | V/Hz/Ph | | 208-230 / 60 / 1 | | | |
| SYSTEM PERFORMANCES | | | | | | |
| Rated Capacity | Cooling | BTU/h | 24,000 (12,000 – 30,000) | 34,000 (18,000 – 37,000) | 48,000 (34,000 – 50,000) | 53,000 (35,000 – 55,000) |
| | Heating | BTU/h | 25,000 (12,000 – 30,000) | 34,000 (18,000 – 38,000) | 48,000 (34,000 – 52,000) | 54,000 (35,000 – 60,000) |
| Rated Power Input | Cooling | kW | 3.2 | 4.6 | 6.4 | 6.7 |
| | Heating | kW | 4.2 | 5.6 | 6.8 | 7.0 |
| Rated Current | Cooling | A | 14.6 | 22.0 | 30.0 | 31.0 |
| | Heating | A | 19.2 | 25.6 | 32.0 | 32.0 |
| SEER 2 | BTU/W*h | | 18.0 | 18.0 | 19.0 | 18.5 |
| EER 2 | BTU/W*h | | 12.5 | 12.0 | 12.0 | 11.7 |
| HSPF 2 | BTU/W*h | | 10.0 | 10.0 | 10.0 | 10.5 |
| COP at 8°C (47°F) | / | | 3.60 | 3.20 | 3.40 | 3.40 |
| INDOOR UNIT SPECIFICATIONS | | | | | | |
| Airflow Volume | m³/h (CFM) | | 1292 (760) | 1700 (1000) | 2040 (1200) | 2550 (1500) |
| Sound Pressure Level | dB(A) | | 50 | 51 | 52 | 53 |
| Rated External Static Pressure | Pa (in.w.g) | | 125 (0.5) | 125 (0.5) | 125 (0.5) | 125 (0.5) |
| Minimum Circuit Ampacity (MCA)* | A | | 4.7 | 5.3 | 7.1 | 7.7 |
| Maximum Overcurrent Protection (MOP)* | A | | 15 | 15 | 15 | 15 |
| Dimensions | Length | mm (in) | 460 (18-7/64) | 540 (21-17/64) | 630 (24-13/16) | 630 (24-13/16) |
| | Height | mm (in) | 1105 (43-1/2) | 1224 (48-3/16) | 1320 (51-31/32) | 1320 (51-31/32) |
| | Depth | mm (in) | 540 (21-17/64) | 540 (21-17/64) | 540 (21-17/64) | 540 (21-17/64) |
| Weight | Net | kg (lb) | 61.5 (135.6) | 74.0 (163.1) | 90.5 (199.5) | 90.5 (199.5) |
| | Gross | kg (lb) | 65.5 (144.4) | 81.0 (178.6) | 99.0 (218.3) | 99.0 (218.3) |
| OUTDOOR UNIT SPECIFICATIONS | | | | | | |
| Ambient Temperature | Cooling | C° (F°) | -15 to 54 (5 to 129) | | | |
| | Heating | C° (F°) | -30 to 24 (-22 to 75) | | | |
| Sound Pressure Level | dB(A) | | 60 | 61 | 62 | 62 |
| Minimum Circuit Ampacity (MCA) | A | | 27.7 | 27.7 | 39.9 | 39.9 |
| Maximum Overcurrent Protection (MOP) | A | | 30 | 30 | 45 | 45 |
| Dimensions | Length | mm (in) | 990 (39) | 990 (39) | 900 (35-25/64) | 900 (35-25/64) |
| | Height | mm (in) | 960 (37-51/64) | 960 (37-51/64) | 1260 (49-19/32) | 1260 (49-19/32) |
| | Depth | mm (in) | 370 (14-9/16) | 370 (14-9/16) | 340 (13-25/64) | 340 (13-25/64) |
| Weight | Net | kg (lb) | 85.0 (187.4) | 85.0 (187.4) | 109.5 (241.4) | 109.5 (241.4) |
| | Gross | kg (lb) | 96.0 (211.6) | 96.0 (211.6) | 119.5 (263.5) | 119.5 (263.5) |
| REFRIGERATION SYSTEM | | | | | | |
| Suction Line Size | mm (in) | | ø 19 (3/4) | ø 19 (3/4) | ø 19 (3/4) | ø 19 (3/4) |
| Liquid Line Size | mm (in) | | ø 9.52 (3/8) | ø 9.52 (3/8) | ø 9.52 (3/8) | ø 9.52 (3/8) |
| Standard Pipe Length | m (ft) | | 7.5 (24.6) | 7.5 (24.6) | 7.5 (24.6) | 7.5 (24.6) |
| Maximum Pipe Length | m (ft) | | 30 (98.4) | 30 (98.4) | 30 (98.4) | 30 (98.4) |
| Maximum Pipe Elevation | m (ft) | | 15 (49.2) | 15 (49.2) | 15 (49.2) | 15 (49.2) |
| Refrigerant Type / Charge | kg (oz) | | R32 / 2.9 (102.3) | R32 / 2.9 (102.3) | R32 / 4.6 (162.3) | R32 / 4.6 (162.3) |

* Note: Optional auxiliary heater. Consult your certified technician for the MCA and MOP values required for the use of an electric auxiliary heater.

Ultra Heat (powerful heating at low ambient temperature): 100 % of heating capacity at -20°C (-5°F) / Stable operation at -30°C (-22°F)

Ultra Cool (powerful cooling at high ambient temperature): 100 % cooling capacity at 46°C (115°F) / Stable operation at 48°C (118.4°F)



Condensing Unit
36,000 BTU/h



Condensing Unit
60,000 BTU/h



Cased Coil
UNIX R32

| UNIX R32 / CASED COIL | | | 24000 (24/36) | 36000 (36/36) | 48000 (48/60) | 60000 (60/60) |
|--------------------------------------|------------|---------|-------------------------|--------------------------|--------------------------|--------------------------|
| Indoor Unit: | | | GCAC24F/NhA | GCAC36F/NhA | GCAC48H/NhA | GCAC60H/NhA |
| Outdoor Unit: | | | GUD36W2/NhE-D(U) | GUD36W2/NhE-D(U) | GUD60W2/NhE-D(U) | GUD60W2/NhE-D(U) |
| AHRI Reference Code: | | | 216768109 | 216765692 | 216768110 | 216765694 |
| Power Supply | V/Hz/Ph | | 208-230 / 60 / 1 | | | |
| SYSTEM PERFORMANCES | | | | | | |
| Rated Capacity | Cooling | BTU/h | 23,000 (6,900 – 25,300) | 32,000 (9,600 – 35,200) | 48,000 (14,100 – 51,700) | 52,000 (15,600 – 57,200) |
| | Heating | BTU/h | 24,000 (7,200 – 26,400) | 35,000 (10,500 – 38,500) | 48,000 (14,400 – 52,800) | 53,000 (16,200 – 59,400) |
| Rated Power Input | Cooling | kW | 4.6 | 4.6 | 6.7 | 6.7 |
| | Heating | kW | 5.6 | 5.6 | 7.0 | 7.0 |
| Rated Current | Cooling | A | 22 | 22 | 31 | 31 |
| | Heating | A | 25.6 | 25.6 | 32 | 32 |
| SEER 2 | BTU/W*h | | 16.0 | 16.0 | 15.2 | 15.2 |
| EER 2 | BTU/W*h | | 11.0 | 11.0 | 10.0 | 9.5 |
| HSPF 2 | BTU/W*h | | 8.5 | 8.5 | 8.5 | 8.5 |
| COP at 8°C (47°F) | / | | 3.20 | 3.20 | 3.20 | 3.10 |
| INDOOR UNIT SPECIFICATIONS | | | | | | |
| Airflow Volume | m³/h (CFM) | | 1190 (700) | 1291 (760) | 1869 (1100) | 2039 (1200) |
| Moisture Removal Capacity | L/h (pt/h) | | 3.66 (7.73) | 5.33 (11.26) | 7.10 (15.01) | 8.15 (17.22) |
| Condensate Drain Diameter | mm (po) | | ø 19 (3/4) | ø 19 (3/4) | ø 19 (3/4) | ø 19 (3/4) |
| Dimensions | Length | mm (in) | 445 (17-1/2) | 445 (17-1/2) | 622 (24-1/2) | 622 (24-1/2) |
| | Height | mm (in) | 584 (23) | 584 (23) | 724 (28-1/2) | 724 (28-1/2) |
| | Depth | mm (in) | 540 (21-1/4) | 540 (21-1/4) | 540 (21-1/4) | 540 (21-1/4) |
| Weight | Net | kg (lb) | 34.0 (75.0) | 34.0 (75.0) | 50.0 (110.0) | 50.0 (110.0) |
| | Gross | kg (lb) | 38.0 (83.8) | 38.0 (83.8) | 56.0 (123.5) | 56.0 (123.5) |
| OUTDOOR UNIT SPECIFICATIONS | | | | | | |
| Ambient Temperature | Cooling | C° (F°) | -15 to 54 (5 to 129) | | | |
| | Heating | C° (F°) | -30 to 24 (-22 to 75) | | | |
| Sound Pressure Level | dB(A) | | 60 | 61 | 62 | 62 |
| Minimum Circuit Ampacity (MCA) | A | | 27.7 | 27.7 | 39.9 | 39.9 |
| Maximum Overcurrent Protection (MOP) | A | | 30 | 30 | 45 | 45 |
| Dimensions | Length | mm (in) | 990 (39) | 990 (39) | 900 (35-25/64) | 900 (35-25/64) |
| | Height | mm (in) | 960 (37-51/64) | 960 (37-51/64) | 1260 (49-19/32) | 1260 (49-19/32) |
| | Depth | mm (in) | 370 (14-9/16) | 370 (14-9/16) | 340 (13-25/64) | 340 (13-25/64) |
| Weight | Net | kg (lb) | 85.0 (187.4) | 85.0 (187.4) | 109.5 (241.4) | 109.5 (241.4) |
| | Gross | kg (lb) | 96.0 (211.6) | 96.0 (211.6) | 119.5 (263.5) | 119.5 (263.5) |
| REFRIGERATION SYSTEM | | | | | | |
| Suction Line Size | mm (in) | | ø 19 (3/4) | ø 19 (3/4) | ø 19 (3/4) | ø 19 (3/4) |
| Liquid Line Size | mm (in) | | ø 9.52 (3/8) | ø 9.52 (3/8) | ø 9.52 (3/8) | ø 9.52 (3/8) |
| Standard Pipe Length | m (ft) | | 7.5 (24.6) | 7.5 (24.6) | 7.5 (24.6) | 7.5 (24.6) |
| Maximum Pipe Length | m (ft) | | 30 (98.4) | 30 (98.4) | 30 (98.4) | 30 (98.4) |
| Maximum Pipe Elevation | m (ft) | | 15 (49.2) | 15 (49.2) | 15 (49.2) | 15 (49.2) |
| Refrigerant Type / Charge | kg (oz) | | R32 / 2.9 (102.3) | R32 / 2.9 (102.3) | R32 / 4.6 (162.3) | R32 / 4.6 (162.3) |

« **ONE-THIRD** OF THE
WORLD'S AIR CONDITIONERS
ARE **GREE-MADE.** »



COMFORT EXPERTS AND WORLD-CLASS HEAT PUMPS

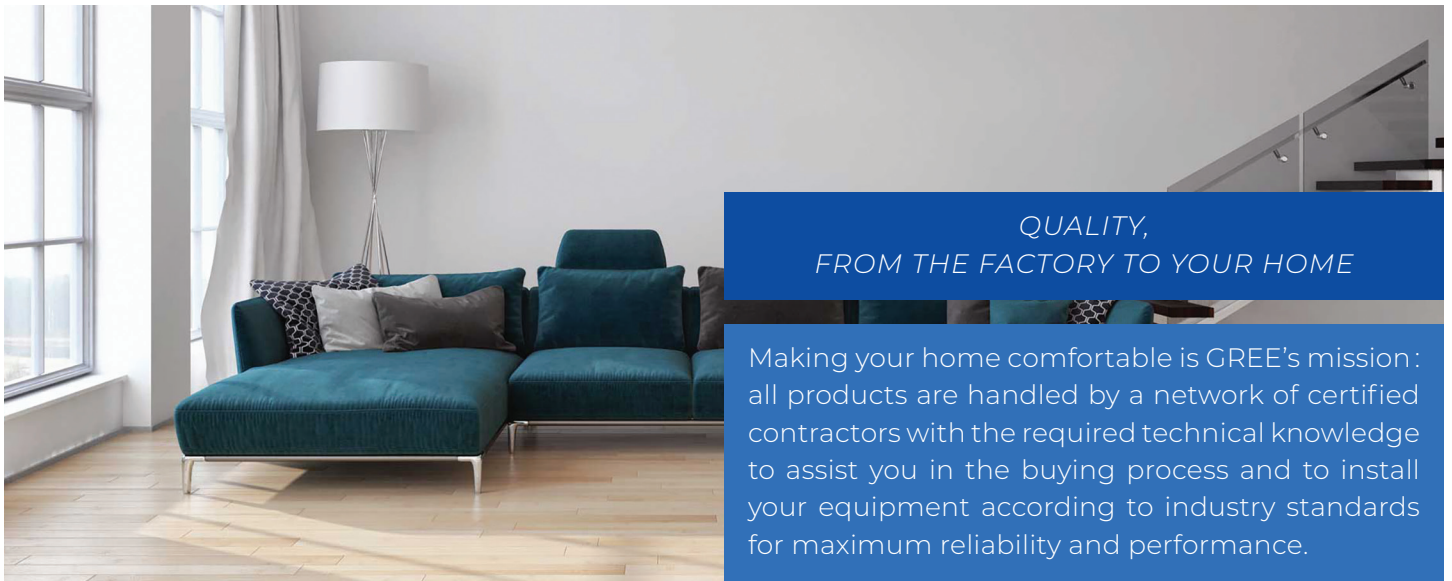
GREE Electric Appliances Inc. is the world's largest manufacturer of air conditioning and heating units.

Wherever you go, on every continent, you will meet people who experience **GREE** comfort. In fact, 1 in 3 air conditioners sold worldwide 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.



3,000 PATENTS, 300 LABS, 3 RESEARCH CENTRES, 5,000 ENGINEERS

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 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.

*Affordable comfort you
can trust from the world's
largest manufacturer of air
conditioners.*



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

Authorized Dealer

COPYRIGHT © GREE CANADA, 2025. ALL RIGHTS RESERVED. DOCUMENT NO. : 062025