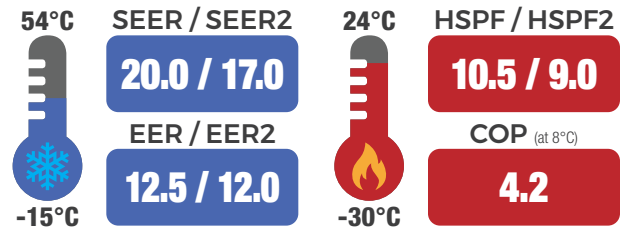




CENTRAL SYSTEM
UNIX
Ultra Heat
SERIES

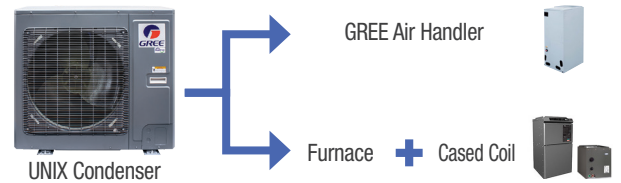


CURB CLIMATE CHANGE WITH ENERGY EFFICIENT HEATING

The challenge with heat pumps has long been their efficiency in very cold weather. The **Unix** central heat pump uses state-of-the-art technology developed by **GREE** to provide powerful heating capacity in outdoor temperatures as low as -30 °C. Perfect for our harsh Canadian winters !

INSTALLATION FLEXIBILITY

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



STANDARD 24V COMMUNICATION

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



FEATURES AND BENEFITS:

HIGH EFFICIENCY	COMPREHENSIVE PROTECTION	SELF-DIAGNOSIS	INTELLIGENT DEFROSTING	COMPACT DESIGN	WIDE OPERATING RANGE	INNER COPPER GROOVES	HIGH EXTERNAL STATIC PRESSURE	ENERGY SAVER	INCLUDED FUNCTION	OPTIONAL FUNCTION

- Ultra Heat technology
- Side discharge condenser
- Quiet design
- Retrofit capability
- Standard 24V communication
- Heavy gauge steel cabinet
- Two stage variable speed compressor
- Eco-friendly R410A refrigerant



36 000 BTU/hr
condensing unit



60 000 BTU/hr
condensing unit



Unix air handler

UNIX / AIR HANDLER			24000 (24/36)	36000 (36/36)	48000 (48/60)	60000 (60/60)
Indoor Unit:			GUD24AH2/A-D(U)	GUD36AH2/A-D(U)	GUD48AH2/A-D(U)	GUD60AH2/A-D(U)
Outdoor Unit:			GUD36W/A-D(U)	GUD36W/A-D(U)	GUD60W/A-D(U)	GUD60W/A-D(U)
AHRI Code:			206249116	206249117	206249119	206249118
Power Supply		V/Hz/Ph	208-230 / 60 / 1			
SYSTEM PERFORMANCE						
Capacity	Cooling	BTU/hr	24000 (12000 – 24000)	36000 (18000 – 37000)	48000 (34000 – 48000)	54000 (35000 – 54000)
	Heating	BTU/hr	24000 (12000 – 30000)	36000 (18000 – 38000)	48000 (34000 – 52000)	54000 (35000 – 60000)
Power Input	Cooling	W	1920	3270	4360	5140
	Heating	W	1670	3010	3910	4590
SEER / SEER 2		BTU/W*hr	20.0 / 17.0	18.0 / 16.0	18.0 / 17.0	17.0 / 15.8
EER / EER 2		BTU/W*hr	12.5 / 12.0	11.0 / 10.0	11.0 / 11.0	10.5 / 10.0
HSPF / HSPF 2		BTU/W*hr	10.5 / 9.0	10.0 / 9.0	10.5 / 9.0	10.0 / 9.0
COP		W/W	4.2	3.5	3.6	3.45
Energy Star®		—	YES	NO	NO	NO
INDOOR UNIT SPECIFICATIONS			GUD24AH2/A-D(U)	GUD36AH2/A-D(U)	GUD48AH2/A-D(U)	GUD60AH2/A-D(U)
Moisture Removal Capacity		L/hr (pt/hr)	2.85 (6.03)	4.58 (9.68)	4.70 (9.94)	5.74 (12.13)
Airflow Volume		m³/hr (CFM)	1631 (960)	1700 (1000)	2345 (1380)	2720 (1600)
Sound Pressure Level		dB(A)	45	47	50	51
Rated External Static Pressure		Pa (in.w.g)	25 (0.10)	37 (0.15)	50 (0.20)	50 (0.20)
Minimum Circuit Ampacity (MCA)*		A	4	4	8	8
Maximum Overcurrent Protection (MOP)*		A	15	15	15	15
Dimensions	Width	mm (in)	540 (21-1/4)	540 (21-1/4)	630 (24-3/4)	630 (24-3/4)
	Height	mm (in)	1224 (48-1/4)	1224 (48-1/4)	1448 (57)	1448 (57)
	Depth	mm (in)	540 (21-1/4)	540 (21-1/4)	540 (21-1/4)	540 (21-1/4)
Weight	Net	kg (lb)	71 (156.5)	71 (156.5)	92 (202.8)	92 (202.8)
	Gross	kg (lb)	77 (169.8)	77 (169.8)	99 (218.3)	99 (218.3)
OUTDOOR UNIT SPECIFICATIONS			GUD36W/A-D(U)	GUD36W/A-D(U)	GUD60W/A-D(U)	GUD60W/A-D(U)
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)	52 (45 – 56)	52 (45 – 56)	58 (48 – 61)	58 (48 – 61)
Minimum Circuit Ampacity (MCA)		A	24	24	35	35
Maximum Overcurrent Protection (MOP)		A	35	35	45	45
Dimensions	Width	mm (in)	820 (32-1/4)	820 (32-1/4)	1000 (39-3/8)	1000 (39-3/8)
	Height	mm (in)	940 (37)	940 (37)	1363 (53-5/8)	1363 (53-5/8)
	Depth	mm (in)	460 (18-1/8)	460 (18-1/8)	370 (14-1/2)	370 (14-1/2)
Weight	Net	kg (lb)	98.5 (217.2)	98.5 (217.2)	140 (308.7)	140 (308.7)
	Gross	kg (lb)	109 (240.3)	109 (240.3)	153 (337.3)	153 (337.3)
REFRIGERATION SYSTEM						
Suction Line Size		mm (in)	ø 19.05 (3/4)	ø 19.05 (3/4)	ø 19.05 (3/4)	ø 19.05 (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 (pi)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)
Minimum Pipe Length		m (ft)	3 (9.8)	3 (9.8)	3 (9.8)	3 (9.8)
Maximum Pipe Length		m (ft)	30 (98.4)	30 (98.4)	30 (98.4)	30 (98.4)
Maximum Pipe Elevation		kg (oz)	15 (49.2)	15 (49.2)	15 (49.2)	15 (49.2)
Refrigerant Type / Charge		kg (oz)	R410A / 4.2 (148.8)	R410A / 4.2 (148.8)	R410A / 6.2 (220.8)	R410A / 6.2 (220.8)

* 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)

- Ultra Heat technology
- Side discharge condenser
- Quiet design
- Retrofit capability

- Standard 24V communication
- Heavy gauge steel cabinet
- Two stage variable speed compressor
- Eco-friendly R410A refrigerant



36000 BTU/hr
condensing unit



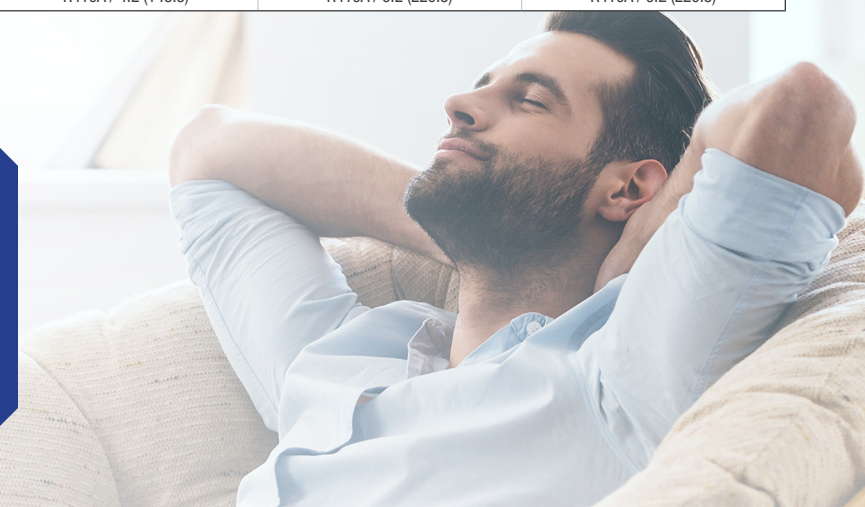
60000 BTU/hr
condensing unit



Unix cased coil

UNIX / CASED COIL			24000 (24/36)	36000 (36/36)	48000 (48/60)	60000 (60/60)
Indoor Unit:			GCAT24F/NAA	GCAT36F/NAA	GCAT48H/NAA	GCAT60H/NAA
Outdoor Unit:			GUD36W/A-D(U)	GUD36W/A-D(U)	GUD60W/A-D(U)	GUD60W/A-D(U)
AHRI Code:			211644150	211644151	211644152	211644153
Power Supply	V/Hz/Ph		208-230 / 60 / 1			
SYSTEM PERFORMANCE						
Capacity	Cooling	BTU/hr	24000 (12000 – 24000)	36000 (18000 – 37000)	48000 (34000 – 48000)	54000 (35000 – 54000)
	Heating	BTU/hr	24000 (12000 – 30000)	36000 (18000 – 38000)	48000 (34000 – 52000)	54000 (35000 – 60000)
SEER / SEER 2		BTU/W*hr	20.0 / 14.3	18.0 / 14.3	18.0 / 14.3	17.0 / 14.3
EER / EER 2		BTU/W*hr	12.5 / 10.0	11.0 / 9.5	11.0 / 10.0	10.5 / 9.0
HSPF / HSPF 2		BTU/W*hr	10.5 / 7.7	10.0 / 7.7	10.5 / 7.7	10.0 / 7.7
COP		W/W	4.2	3.5	3.6	3.45
Energy Star®		—	YES	NO	NO	NO
INDOOR UNIT SPECIFICATIONS			GCAT24F/NaA	GCAT36F/NaA	GCAT48H/NaA	GCAT60H/NaA
Moisture Removal Capacity		L/hr (pt/hr)	2.85 (6.03)	4.58 (9.68)	4.70 (9.94)	5.74 (12.13)
Dimensions	Width	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)	29.0 (64.0)	29.0 (64.0)	43.0 (94.8)	43.0 (94.8)
	Gross	kg (lb)	34.0 (75.0)	34.0 (75.0)	50.0 (110.2)	50.0 (110.2)
OUTDOOR UNIT SPECIFICATIONS			GUD36W/A-D(U)	GUD36W/A-D(U)	GUD60W/A-D(U)	GUD60W/A-D(U)
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)	52 (45 – 56)	52 (45 – 56)	58 (48 – 61)	58 (48 – 61)
Minimum Circuit Ampacity (MCA)		A	24	24	35	35
Maximum Overcurrent Protection (MOP)		A	35	35	45	45
Dimensions	Width	mm (in)	820 (32-1/4)	820 (32-1/4)	1000 (39-3/8)	1000 (39-3/8)
	Height	mm (in)	940 (37)	940 (37)	1363 (53-5/8)	1363 (53-5/8)
	Depth	mm (in)	460 (18-1/8)	460 (18-1/8)	370 (14-1/2)	370 (14-1/2)
Weight	Net	kg (lb)	98.5 (217.2)	98.5 (217.2)	140 (308.7)	140 (308.7)
	Gross	kg (lb)	109 (240.3)	109 (240.3)	153 (337.3)	153 (337.3)
REFRIGERATION SYSTEM						
Suction Line Size		mm (in)	ø 19.05 (3/4)	ø 19.05 (3/4)	ø 19.05 (3/4)	ø 19.05 (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)
Minimum Pipe Length		m (ft)	3 (9.8)	3 (9.8)	3 (9.8)	3 (9.8)
Maximum Pipe Length		m (ft)	30 (98.4)	30 (98.4)	30 (98.4)	30 (98.4)
Maximum Pipe Elevation		kg (oz)	15 (49.2)	15 (49.2)	15 (49.2)	15 (49.2)
Refrigerant Type / Charge		kg (oz)	R410A / 4.2 (148.8)	R410A / 4.2 (148.8)	R410A / 6.2 (220.8)	R410A / 6.2 (220.8)

“1/3 OF THE WORLD'S
AIR CONDITIONERS
ARE **GREE**-MADE.”



COMFORT EXPERTS AND WORLD-CLASS HEAT PUMPS

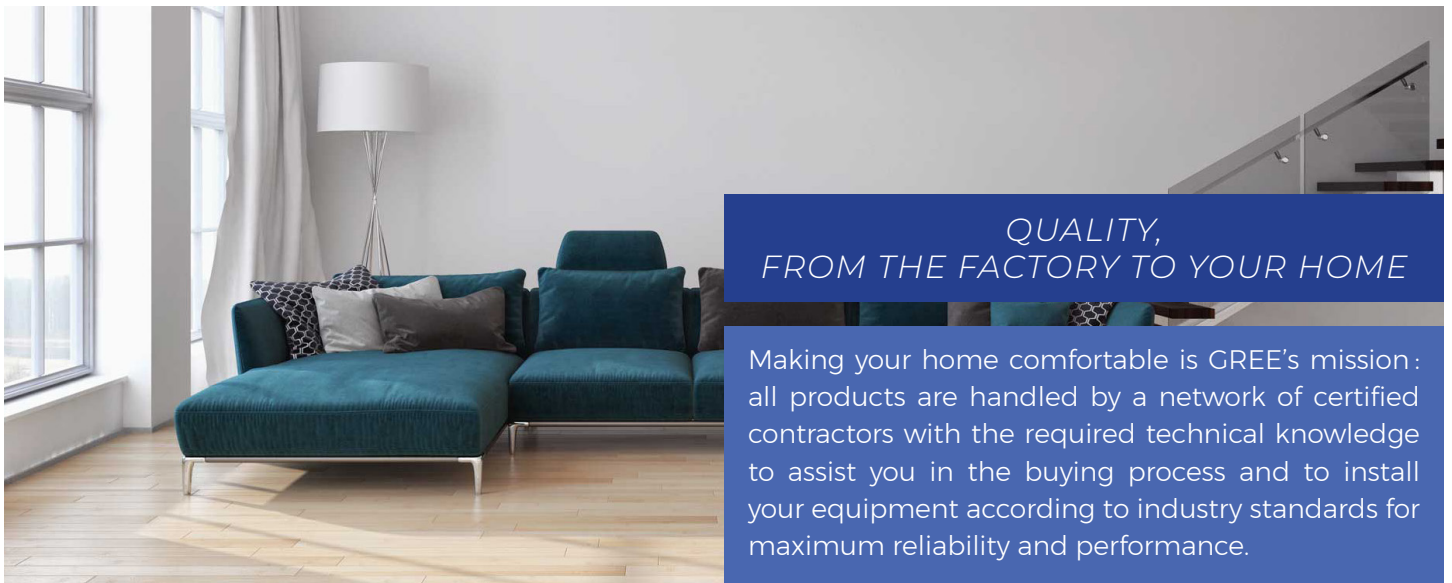
GREE Electric Appliances Inc. is the world's largest manufacturer of air conditioning and heating units.

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.



*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.

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