







9.0 COP (at 8°C)

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:























- 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







Unix air handler

360	000 BTU/hr	

00 BTU/hr	60 000 BTU/hr
ensing unit	condensing unit

	UNIX / AIR I	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)
	0	utdoor 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		208-23	0/60/1	
SYSTEM PERFORM	ANCE					
	Cooling	BTU/hr	24000 (12000 – 24000)	36000 (18000 – 37000)	48000 (34000 – 48000)	54000 (35000 – 54000)
Capacity	Heating	BTU/hr	24000 (12000 – 30000)	36000 (18000 – 38000)	48000 (34000 – 52000)	54000 (35000 – 60000)
	Cooling	W	1920	3270	4360	5140
Power Input	Heating	W	1670	3010	3910	4590
SEER 2		BTU/W*hr	17.0	16.0	17.0	15.8
EER 2		BTU/W*hr	12.0	10.0	11.0	10.0
HSPF 2		BTU/W*hr	9.0	9.0	9.0	9.0
СОР		W/W	4.20	3.50	3.60	3.45
Energy Star®		_	YES	NO	NO	NO
INDOOR UNIT SPEC	IFICATIONS		GUD24AH2/A-D(U)	GUD36AH2/A-D(U)	GUD48AH2/A-D(U)	GUD60AH2/A-D(U)
Moisture Removal Capac	city	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 Pre	essure	Pa (in.w.g)	25 (0.10)	37 (0.15)	50 (0.20)	50 (0.20)
Minimum Circuit Ampac	ity (MCA)*	Α	4	4	8	8
Maximum Overcurrent P	rotection (MOP)*	A	15	15	15	15
Dimensions Width Heigh	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)
Weinlet	Net	kg (lb)	71 (156.5)	71 (156.5)	92 (202.8)	92 (202.8)
Weight	Gross	kg (lb)	77 (169.8)	77 (169.8)	99 (218.3)	99 (218.3)
OUTDOOR UNIT SPI	CIFICATIONS		GUD36W/A-D(U)	GUD36W/A-D(U)	GUD60W/A-D(U)	GUD60W/A-D(U)
A1:	Cooling	C° (F°)	-15 to 54 (5 to 129)			
Ambient Temperature 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 Ampac	ity (MCA)	A	24	24	35	35
Maximum Overcurrent P	rotection (MOP)	A	35	35	45	45
	Width	mm (in)	820 (32-1/4)	820 (32-1/4)	1000 (39-3/8)	1000 (39-3/8)
Dimensions	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 SY	STEM					
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 / Charg	е	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.

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- Side discharge condenser
- Quiet design
- Retrofit capability

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





BTU/hr ng unit Unix cased coil

6 000 BTU/hr	60 000 B1
ndensing unit	condensin

	UNIX / CASED COIL Indoor Unit:		24000 (24/36)	36000 (36/36)	48000 (48/60)	60000 (60/60)	
			GCAT24F/NAA	GCAT36F/NAA	GCAT48H/NAA	GCAT60H/NAA	
	C	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		V/Hz/Ph	208-230 / 60 / 1				
SYSTEM PERFORN	MANCE						
0	Cooling	BTU/hr	24000 (12000 – 24000)	36000 (18000 – 37000)	48000 (34000 – 48000)	54000 (35000 – 54000)	
Capacity	Heating	BTU/hr	24000 (12000 - 30000)	36000 (18000 – 38000)	48000 (34000 – 52000)	54000 (35000 - 60000)	
SEER 2		BTU/W*hr	14.3	14.3	14.3	14.3	
EER 2		BTU/W*hr	10.0	9.5	10.0	9.0	
HSPF 2		BTU/W*hr	7.7	7.7	7.7	7.7	
COP		W/W	4.20	3.50	3.60	3.45	
Energy Star®		_	YES	NO	NO	NO	
INDOOR UNIT SPE	CIFICATIONS		GCAT24F/NaA	GCAT36F/NaA	GCAT48H/NaA	GCAT60H/NaA	
Moisture Removal Capa	acity	L/hr (pt/hr)	2.85 (6.03)	4.58 (9.68)	4.70 (9.94)	5.74 (12.13)	
	Width	mm (in)	445 (17-1/2)	445 (17-1/2)	622 (24-1/2)	622 (24-1/2)	
Dimensions	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)	
weignt	Gross	kg (lb)	34.0 (75.0)	34.0 (75.0)	50.0 (110.2)	50.0 (110.2)	
OUTDOOR UNIT SP	ECIFICATIONS		GUD36W/A-D(U)	GUD36W/A-D(U)	GUD60W/A-D(U)	GUD60W/A-D(U)	
Cooling	Cooling	C° (F°)	-15 to 54 (5 to 129)				
Ambient Temperature Heating C° (F°)		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 Ampao	city (MCA)	A	24	24	35	35	
Maximum Overcurrent	Protection (MOP)	A	35	35	45	45	
	Width	mm (in)	820 (32-1/4)	820 (32-1/4)	1000 (39-3/8)	1000 (39-3/8)	
Dimensions	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)	
Weight	Gross	kg (lb)	109 (240.3)	109 (240.3)	153 (337.3)	153 (337.3)	
REFRIGERATION S	YSTEM						
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)		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)		m (pi)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)	
Minimum Pipe Length m (ft)		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 Elevatio		kg (oz)	15 (49.2)	15 (49.2)	15 (49.2)	15 (49.2)	

"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.

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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.





