X61003_A

Up to
60 000 BTU

GREE
By Dettson

CENTRALLY DUCTED SYSTEM
WITH SIDE DISCHARGE CONDENSER

FLEXX Series





INVERTER

Limited Warranty
10+2* YEARS
COMPRESSOR & PARTS

*Eligible for Local Rebates

ENERGY STAR

-30C°
Performance in heating down to

*From 69 to 76% of rated heating capacity at -30°C. Refer to capacity tables for more information.

*Please check with your local and federal rebate programs

**10 year standard warranty. Additional 2 year extended warranty when product is registered and/or proof of installation

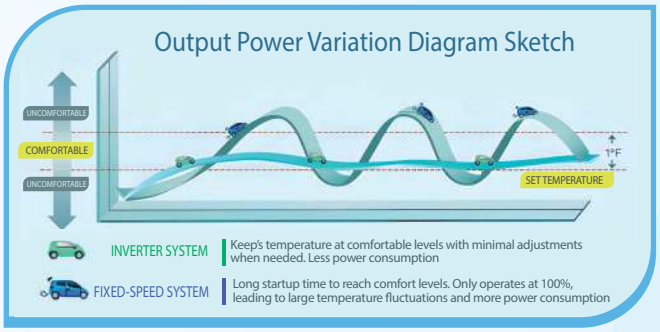


HOME COMFORT is our priority

Dettson offers a variety of solutions tailored for the Canadian market, catering to all aspects of your comfort requirements. Based in Sherbrooke, Quebec, Dettson designs and manufactures its product range, collaborating with esteemed partners to ensure consistent, year-round comfort for your home.

Efficient Performance

The FLEXX Series heat pumps are designed for efficient performance, featuring energy-saving heating and Inverter drive technology. Their superior functionality has garnered top-tier status and accolades from organizations committed to endorsing energy-efficient appliances, including ENERGY STAR* and NEEP.



NRCAN and the Government of Canada define the Coefficient of Performance (COP) of a heat pump as the ratio between the rate at which the heat pump transfers thermal energy (in kW), and the amount of electrical power required to do the pumping (in kW). For example, if a heat pump used 1kW of electrical energy to transfer 3 kW of heat, the COP would be 3.



HEAT+

FLEXX Series is able to handle extreme, cold weather with its hyper-heat technology. Hyper-Heat technology offers optimal heat at low temperatures with minimal energy consumption. The FLEXX Series can achieve up to 100% of their rated capacity at -20°C while maintaining a high efficiency with low temperatures at -30°C.

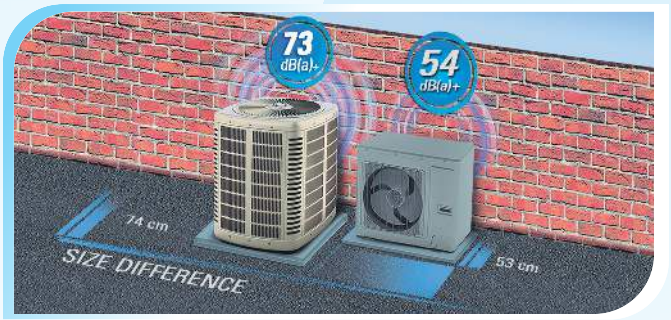


Advance Inverter technology

The Condensing Units and Heat Pumps are capable of regulating the compressor motor speed to quickly adjust and maintain a precise temperature at a lower compressor speed while making the unit more energy efficient.

Low-Noise Operation

Enjoying home comfort is most pleasurable in calm, tranquil settings, both indoors and outdoors. FLEXX Series ensures a quiet performance indoors, and with its outdoor unit's side discharge design, offers exceptionally low operation noise levels as low as 54 dB(A), enabling you to enjoy your outdoor area without the disturbance of excessive noise.





Innovative Compact Design

The FLEXX Series outdoor side-discharge condenser offers a slim design up to 40% smaller than traditional heat pumps. The slim design offers greater flexibility for installations in smaller areas that a traditional heat pump cannot fit in.



Year-round comfort

FLEXX Series allows your comfort to stay cool when outside tempe ratures reach 54°C, or keep warm when outside temperatures reach -30°C. For added heating, optional electric heating kit are available up to 20kW."





Dettson's exclusive 2-Stage Wifi thermostat allows you to connect and control your comfort away from your home. Compatible with both Android and iOS users

Protecting Your Comfort

FLEXX Series heat pumps, designed for durability, come with an industry-leading warranty program: a 10+2 year* limited warranty covering parts and compressor.

Limited Warranty
10+2*
YEARS
COMPRESSOR & PARTS

*10 year standard warranty. Additional 2 year extended warranty when product is registered and/or proof of installation

- Hyper-Heat Technology
- Compact Side-Discharge Condenser
- Quiet Operation
- Retrofit Capability
- 24V Communication Protocol
- Durable Built Steel Cabinet
- Two stage variable speed compressor
- Eco-friendly R410A refrigerant



CASED COIL | CONDENSING UNITS | AIR HANDLER

OUTDOOR UNIT SPECIFICATIONS			GUD36W/A-D(U)	GUD36W/A-D(U)	GUD60W/A-D(U)	GUD60W/A-D(U)
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 Supply		V/Hz/Ph	208-2300 / / 60 / 1			
Ambient Temperature	Cooling	F° (C°)	5 to 129 (-15 to 54)			
	Heating	F° (C°)	-22 to 75 (-30 to 24)			
Sound Pressure Level		dB(A)	52 (45 – 56)	52 (45 – 56)	58 (48 – 61)	58 (48 – 61)
Maximum Overcurrent Protection (MOP)		A	35	35	45	45
Refrigerant Type / Charge		oz (kg)	R410A / 148.8 (4.2)	R410A / 148.8 (4.2)	R410A / 220.8 (6.2)	R410A / 220.8 (6.2)
Dimensions	Width	in (mm)	32-1/4 (820)	32-1/4 (820)	39-3/8 (1000)	39-3/8 (1000)
	Height	in (mm)	37 (940)	37 (940)	53-5/8 (1363)	53-5/8 (1363)
	Depth	in (mm)	18-1/8 (460)	18-1/8 (460)	14-1/2 (370)	14-1/2 (370)
Weight	Net	lb (kg)	217.2 (98.5)	217.2 (98.5)	308.7 (140)	308.7 (140)
AIR HANDLER UNIT			GUD24AH2/A-D(U)	GUD36AH2/A-D(U)	GUD48AH2/A-D(U)	GUD60AH2/A-D(U)
SEER2		BTU/W*hr	17.0	16.0	17.0	15.3
EER2		BTU/W*hr	12.0	10.0	11.0	10.0
HSPF2		BTU/W*hr	9.0	9.0	9.0	9.0
COP at -15°C (5°F)		W/W	1.8	1.8	1.8	1.8
AHRI Code		—	206249116	206249117	206249119	206249118
Energy Star®		—	YES	NO	NO	NO
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		m^3 /hr (CFM)	1631 (960)	1700 (1000)	2345 (1380)	2720 (1600)
Sound Pressure Level		dB(A)	45	47	50	51
Maximum Overcurrent Protection (MOP)		A	15	15	15	15
Dimensions	Width	in (mm)	21-1/4 (540)	21-1/4 (540)	24-3/4 (630)	24-3/4 (630)
	Height	in (mm)	48-1/4 (1224)	48-1/4 (1224)	57 (1448)	57 (1448)
	Depth	in (mm)	21-1/4 (540)	21-1/4 (540)	21-1/4 (540)	21-1/4 (540)
Weight	Net	lb (kg)	156.5 (71)	156.5 (71)	202.8 (92)	202.8 (92)
CASED COIL UNIT			GCAT24F/NaA	GCAT36F/NaA	GCAT48H/NaA	GCAT60H/NaA
SEER2		BTU/W*hr	15.2	15.2	15.2	15.2
EER2		BTU/W*hr	11.0	9.5	10.0	9.5
HSPF2		BTU/W*hr	8.5	8.5	8.5	8.5
COP at -15°C (5°F)		W/W	1.8	1.8	1.8	1.80
AHRI Code		—	206249116	206249117	206249118	206249119
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	in (mm)	17-1/2 (445)	17-1/2 (445)	24-1/2 (622)	24-1/2 (622)
	Height	in (mm)	23 (584)	23 (584)	28-1/2 (724)	28-1/2 (724)
	Depth	in (mm)	21-1/4 (540)	21-1/4 (540)	21-1/4 (540)	21-1/4 (540)
Weight	Net	lb (kg)	64 (29)	64 (29)	94.8 (43)	94.8 (43)

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

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

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