

Job Name: _____

Location: _____

Engineer: _____

Submitted to: _____

Submitted by: _____

Reference: _____

Date: _____

Approval: _____

Construction: _____

Unit #: _____

Drawing #: _____

KEY FEATURES:

- Flexible Installation
- Compatible with Regular or Hyper Heat Pump
- SmartPort Ready
- Wall Thermostat Included
- Remote Control Included

NOTES:



Slim Duct



Indoor Model			CH-24MDT-W
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Communication wiring			14AWG*4
Cooling	Capacity	Btu/h	23,000(6,100~28,200)
	Input	w	1,840(290~2,680)
	Rated current	A	8.5(2.1~11.8)
	EER/EER2	Btu/w	12.5
	SEER/SEER2	Btu/w	19
Heating at 47 °F	Capacity	Btu/h	25,000(11,700~33,000)
	Input	W	2,030(650~2,660)
	Rated current	A	9.3(4.4~11.7)
	COP	W/W	3.61
	HSPF4/HSPF2-4		11.2
	HSPF5/HSPF2-5		8.8
Indoor fan motor		Qty	1
		Input	90
		RLA	1.5
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	775.47/775.47/693.06/434.88
ESP (range)		In.wg.	0-0.64
Indoor noise level (Hi/Med/Lo)		dB(A)	44/41/37
Dehumidification		L/H	3.17
Indoor unit	Dimensions (WxDxH)	inch	43.31x30.47x9.80
	Packing (WxDxH)	inch	51.38x31.69x12.40
	Net/Gross weight	lbs	90.39/105.82
Drainage water pipe diameter		inch	1"
Refrigerant piping (Liquid side/Gas side)		inch	3/8"/5/8"
Design pressure		PSIG	550/340
Controller			RG10K-exclusive remote&120X or 120N wire controller
Room temperature	Cooling	F	62~90
	Heating	F	32~86

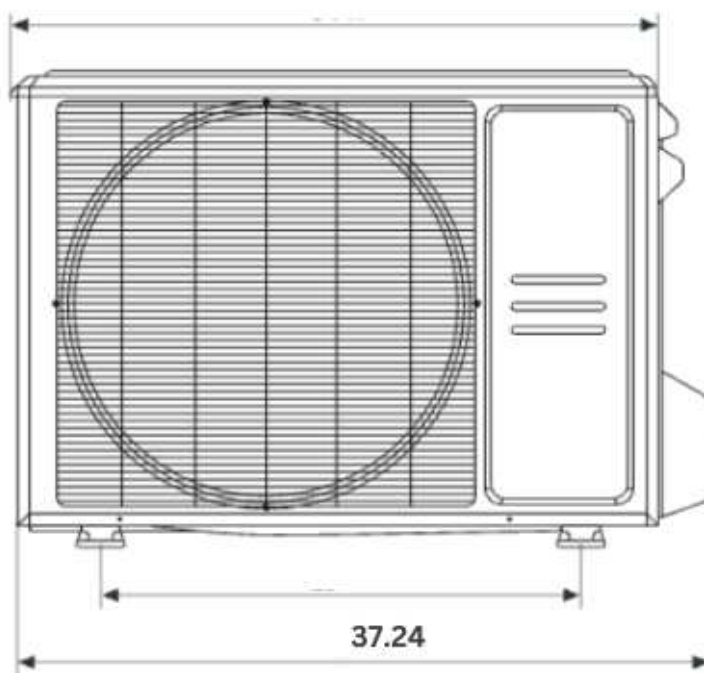
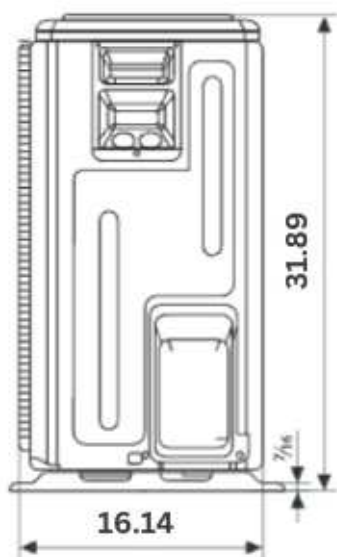
Outdoor Model			CH-ES24-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	22
Max. fuse		A	30
Compressor	Model		KTM240D43UKT
	Type		Twin-ROTARY
	Brand		GMCC
	Capacity	Btu/h	25,930
	Input	w	2,045
	Rated current (RLA)	A	15.4
	Refrigerant oil	oz	VG74 21
Outdoor fan motor	Qty		1
	Input	w	150
	RLA	A	0.5
	Speed	r/min	900/810/450/360
Outdoor air flow (Max)		CFM	2,235.29
Outdoor noise level (Max)		dB(A)	59
Throttle type			EXV+Throttle valve
Outdoor unit	Dimensions (WxDxH)	inch	37.24x16.14x31.89
	Packing (WxDxH)	inch	42.91x19.69x34.84
	Net/Gross weight	inch	124.78/134.92
Refrigerant	Type		R410A
	Precharge	ft	25
Additional charge for 1/4 inch liquid pipe		oz	
Additional charge for 3/8 inch liquid pipe		oz	0.32
Refrigerant piping	Liquid side/Gas side	inch	3/8"/5/8"
	Max. pipe length	ft	164.04
	Max. difference in level	ft	82.02
Ambient temperature	Cooling	F	-13~122
	Heating	F	-13~75

The technical drawings of the Ecoline 2000 unit include the following views and dimensions:

- Top View:** Shows the unit's footprint with dimensions 36 1/2" (width) and 43 1/2" (depth). It includes labels for "Refrigerant pipe flare connection (gas)", "Refrigerant pipe flare connection (liquid)", "Control box", "Air outlet", "Air inlet", "Drain pipe (vertical install) 1 O.D.", "Drain pipe (drain pump) 1 1/2" O.D.", and "Drain pipe (gravity) 1 O.D.".
- Side View (Left):** Shows the unit's profile with dimensions 46 1/2" (height), 45" (width), 38 1/2" (top section height), 43 1/2" (middle section height), and 48 1/2" (bottom section height). It also shows a 7" wide base and 9 1/2" wide feet.
- Side View (Right):** Shows the unit's profile with dimensions 46 1/2" (height), 45" (width), 38 1/2" (top section height), 43 1/2" (middle section height), and 48 1/2" (bottom section height). It also shows a 7" wide base and 9 1/2" wide feet.
- Front View:** Shows the unit's front with dimensions 46 1/2" (height), 45" (width), 38 1/2" (top section height), 43 1/2" (middle section height), and 48 1/2" (bottom section height). It also shows a 7" wide base and 9 1/2" wide feet.
- Back View:** Shows the unit's back with dimensions 46 1/2" (height), 45" (width), 38 1/2" (top section height), 43 1/2" (middle section height), and 48 1/2" (bottom section height). It also shows a 7" wide base and 9 1/2" wide feet.
- Bottom View:** Shows the unit's base with dimensions 36 1/2" (width) and 43 1/2" (depth). It includes labels for "Fresh air intake (5 I.D.)", "Access panel", "Drain pipe (1 O.D.)", "Air outlet", and "Air inlet".

43.31x30.47x9.80

CH-ES24-230VO



Dimensions	Width	Depth	Height
Inches	37.24	16.14	31.89