

Job Name: _____

Location: _____

Engineer: _____

Submitted to: _____

Submitted by: _____

Reference: _____

Date: _____

Approval: _____

Construction: _____

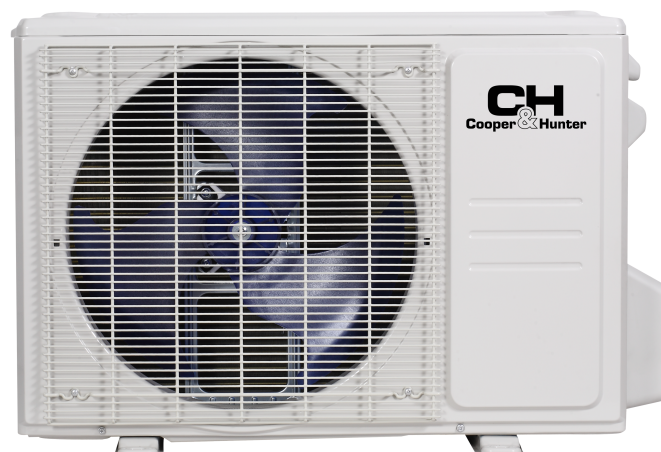
Unit #: _____

Drawing #: _____

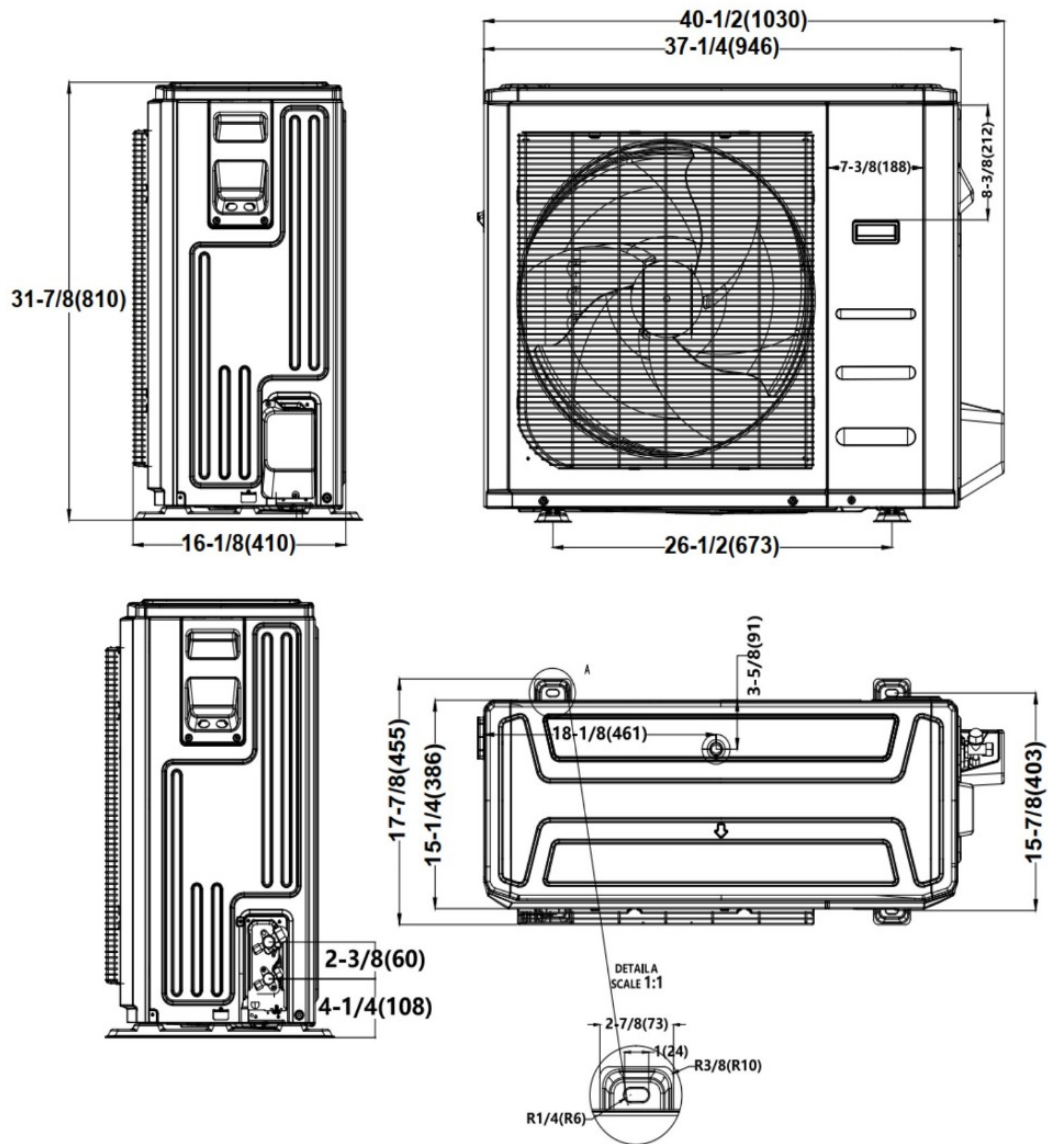
KEY FEATURES:

- Heat Pump operation (heating and cooling)
- Inverter-driven DC compressor for variable capacity
- 24V communicating controls compatible with a communicating indoor unit
- Available from 1.5 to 5 tons (18,000–60,000 BTU)
- R-454B refrigerant
- Variable-speed outdoor fan motor
- Soft start with very low starting current
- High part-load efficiency (excellent SEER2)
- Wide operating range for both cooling and heating
- Built-in diagnostics and fault reporting
- Quiet operation due to inverter modulation

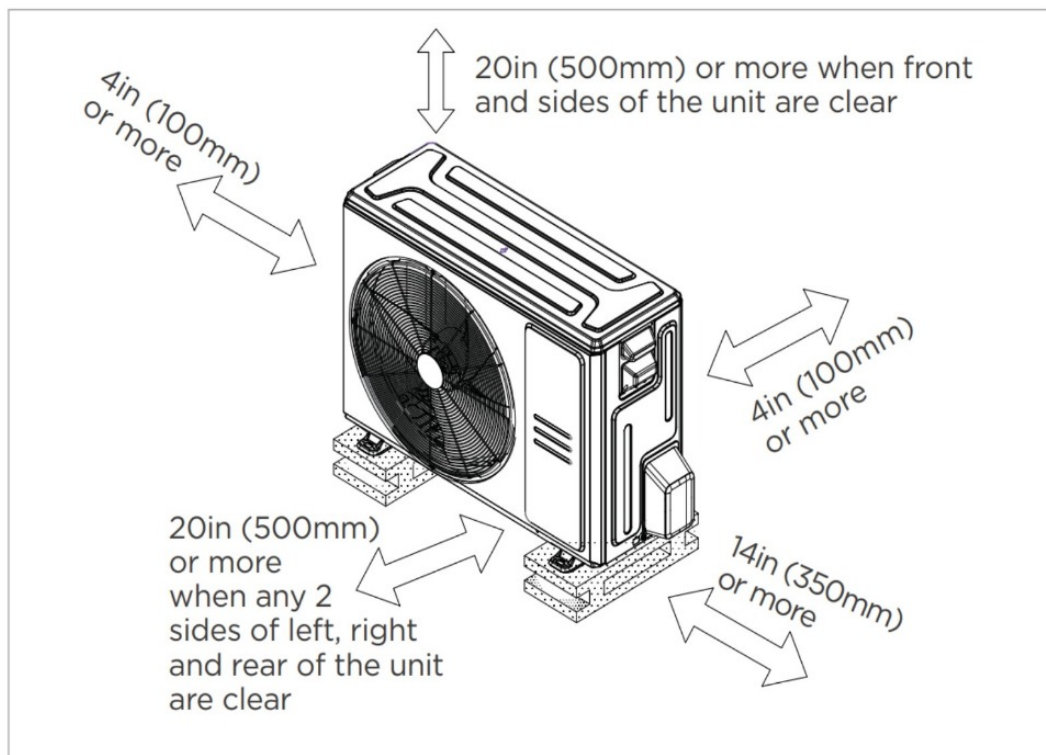
NOTES:



Outdoor Model			CH-ALT48HP24V-230VO
Power supply		V, Ph, Hz	115/208/230V,60Hz
Min. circuit ampacity		A	32
Max. fuse		A	35
Compressor	Model		KTF420D62UNT
	Type		TWIN-ROTARY
	Brand		GMCC
	Capacity	Btu/h	N/A
	Input	w	3,540.00
	Rated current (RLA)	A	6.76
	Refrigerant oil	oz	VG74
Outdoor fan motor	Qty		1
	Input	w	230
	RLA	A	1.5
	Speed	r/min	850/800/750/650
Outdoor air flow (Max)		CFM	2825
Outdoor noise level (Max)		dB(A)	61
Throttle type			EXV
Outdoor unit	Dimensions (WxDxH)	inch	37.24 x 16.14 x 31.89
	Packing (WxDxH)	inch	42.91 x 19.68 x 34.84
	Net/Gross weight	lbs	168.43/179.23
Refrigerant	Type		R454B
	Precharge	ft	24.6
Additional charge for 1/4 inch liquid pipe		oz	
Additional charge for 3/8 inch liquid pipe		oz	.7 oz/ft
Refrigerant piping	Liquid side/Gas side	inch	3/8" 3/4"
	Max. pipe length	ft	246'
	Max. difference in level	ft	98.4'
Ambient temperature	Cooling	F	-13~122
	Heating	F	-13~75



Installation Instruction For Outdoor Unit



Meets all spatial requirements shown in Installation Clearance Requirements above.