

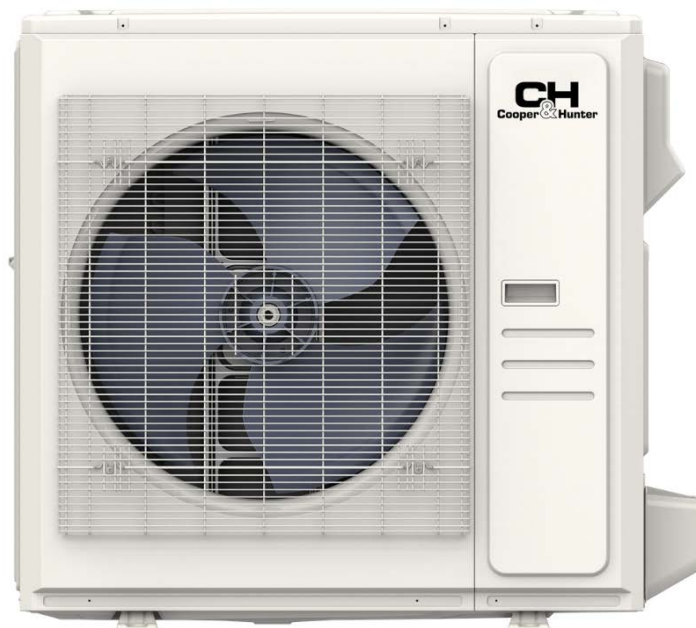
Job Name: _____
Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

Date: _____
Approval: _____
Construction: _____
Unit #: _____
Drawing #: _____

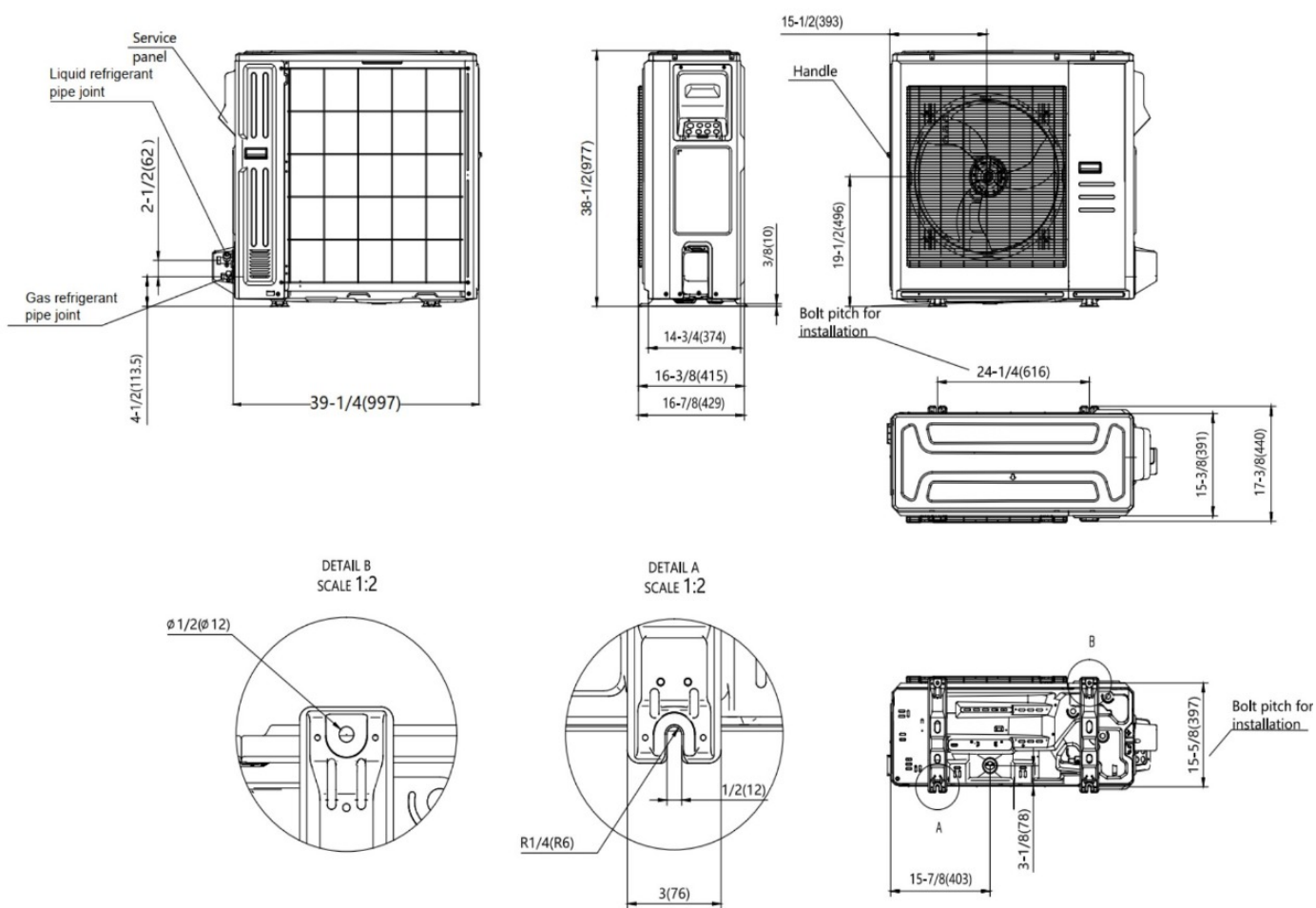
KEY FEATURES:

- 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

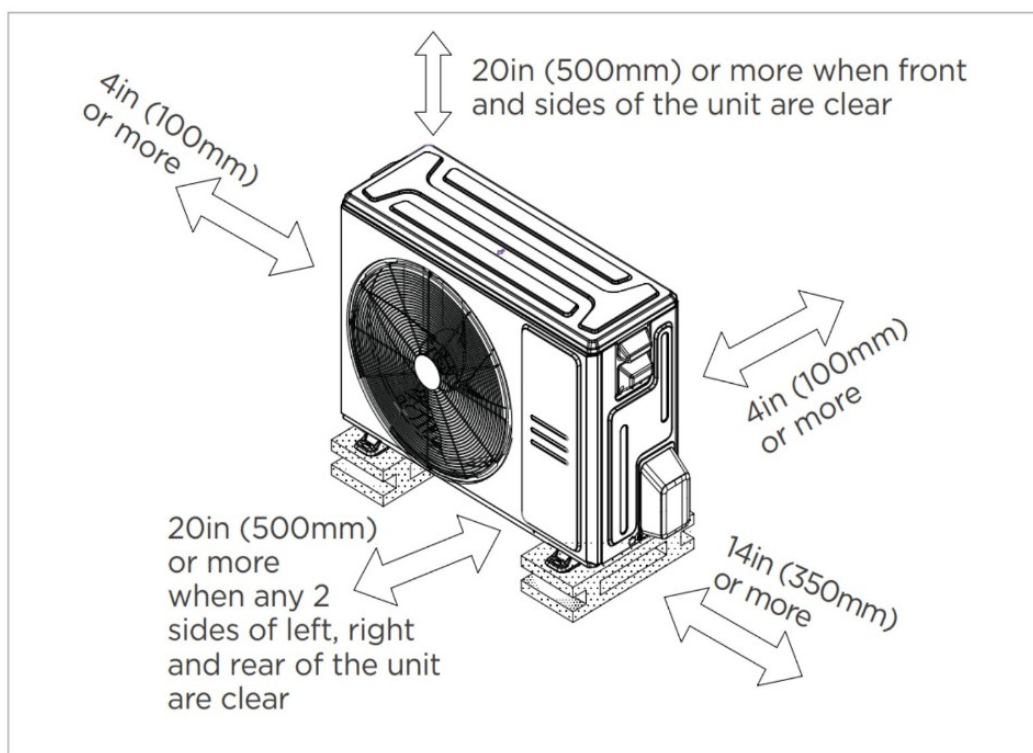
NOTES:



Outdoor Model			CH-ALT60HP24V-230VO
Power supply		V, Ph, Hz	115/208/230V,60Hz
Min. circuit ampacity		A	39
Max. fuse		A	40
Compressor	Model		KTQ420D1UMU
	Type		TWIN-ROTARY
	Brand		GMCC
	Capacity	Btu/h	N/A
	Input	w	3,700.00
	Rated current (RLA)	A	7.0
	Refrigerant oil	oz	VG74
Outdoor fan motor	Qty		1
	Input	w	250
	RLA	A	1.2
	Speed	r/min	850/800/750/650
Outdoor air flow (Max)		CFM	3037
Outdoor noise level (Max)		dB(A)	62
Throttle type			EXV
Outdoor unit	Dimensions (WxDxH)	inch	38.58 x 16.34 x 38.39
	Packing (WxDxH)	inch	45.08 x 19.68 x 42.52
	Net/Gross weight	lbs	192.68/224.21
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.