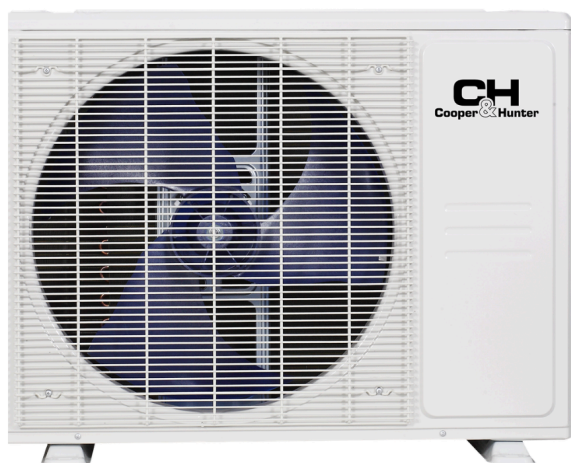


Job Name:	_____	Date:	_____
Location:	_____	Approval:	_____
Engineer:	_____	Construction:	_____
Submitted to:	_____	Unit #:	_____
Submitted by:	_____	Drawing #:	_____
Reference:	_____		_____

KEY FEATURES:

- 24V Communication
- Advanced Inverter Technology
- Up to 45% Energy Savings
- Side Discharge
- Compatible when paired with 3rd Party 24V Communication Units
- Standard pipeline sizes for easy unit replacement
- Up to 25% Quieter Performance
- Smaller Overall Footprint

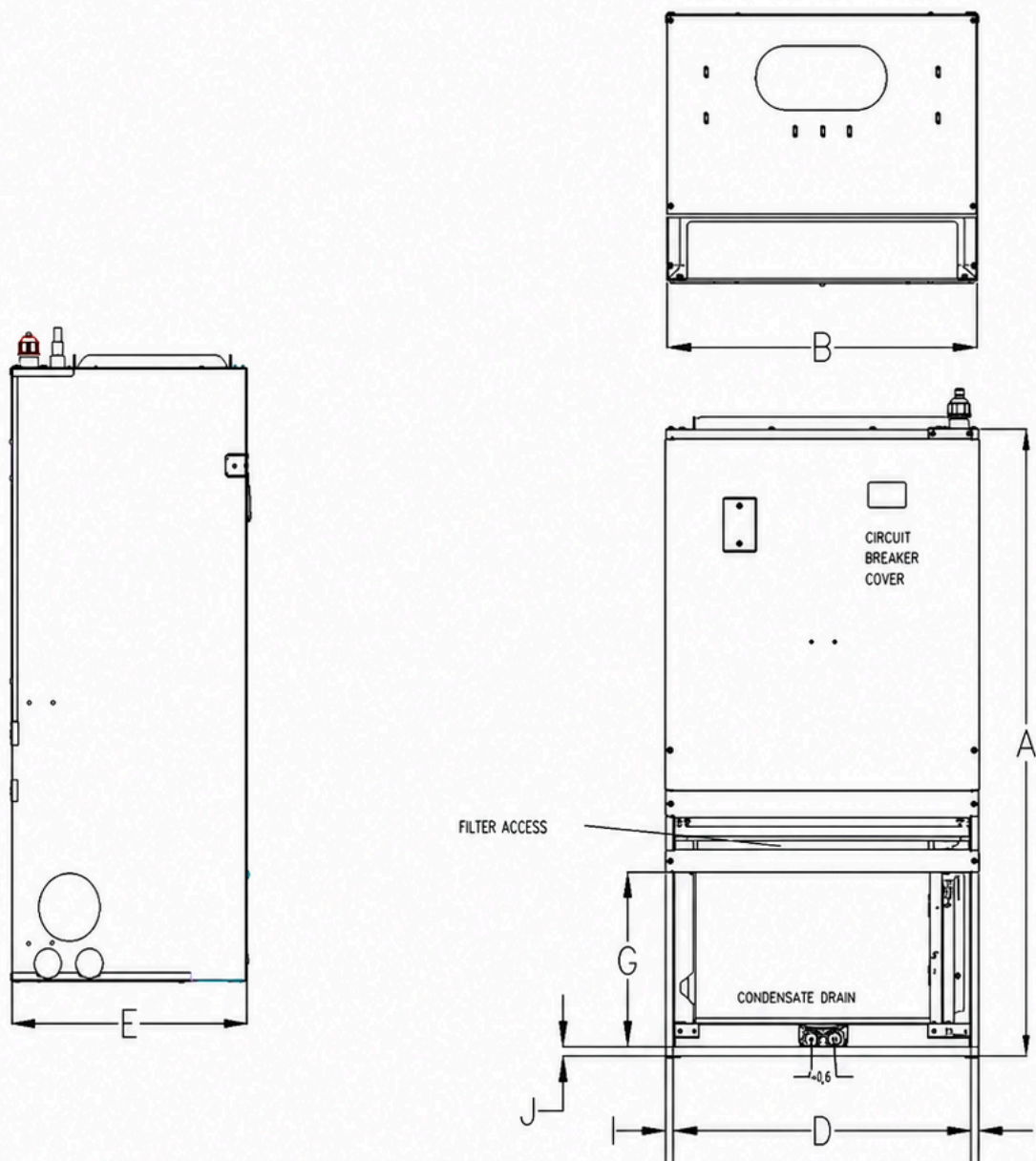
NOTES:



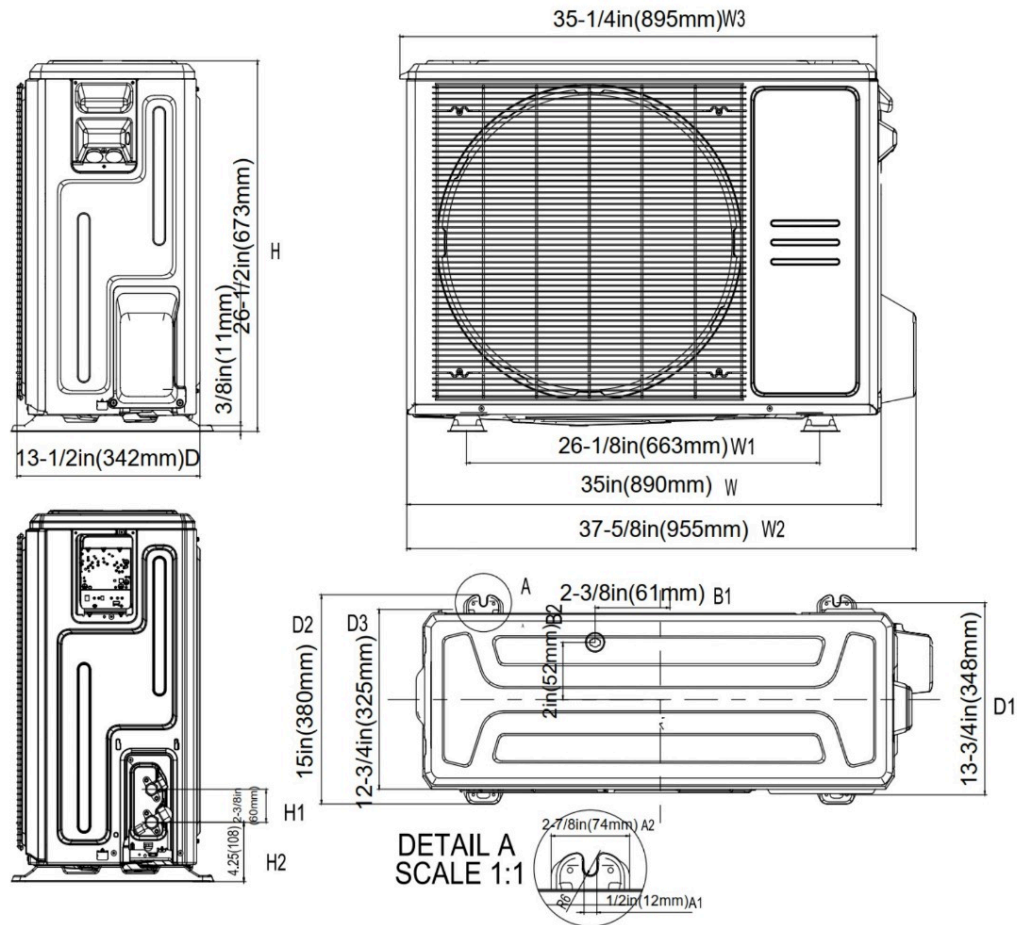
Indoor Model			CH-STM24AHU24V
Power supply		V, Ph, Hz	115/208/230V,60Hz
Communication wiring		AWG	20x2
Cooling	Capacity	Btu/h	27,000 (7,300~27,000)
	Input	w	3,070 (490~3,070)
	Rated current	A	13.5 (3.7~13.5)
	EER/EER2	Btu/w	8.8
	SEER/SEER2	Btu/w	16.0
Heating at 47 °F	Capacity	Btu/h	28,000 (7,000~28,000)
	Input	W	2,990 (450~2,980)
	Rated current	A	8.6 (2.40~11.4)
	COP	W/W	2.74
	HSPF4/HSPF2-4		9
	HSPF5/HSPF2-5		7
Indoor fan motor	Qty		1
	Input		250
	RLA		4.5
Indoor air flow (Turbo/Hi/Med/Lo) (No duct)		CFM	824.0 / 759.3 / 694.5 / 629.8 /629.8
ESP (range)		In.wg.	0-0.8 In.W.G
Indoor noise level (Hi/Med/Lo)		dB(A)	53.0/51/48/37.5/37.5
Dehumidification		L/H	4.64
Indoor unit	Dimensions (WxDxH)	inch	20-1/4 x 15-3/4 x 36-1/2
	Packing (WxDxH)	inch	22-7/8 x 19-1/2 x 42-7/8
	Net/Gross weight	lbs	91 / 111
Drainage water pipe diameter		inch	3/4"
Refrigerant piping (Liquid side/Gas side)		inch	3/8" 3/4"
Design pressure		PSIG	550 / 340
Controller			120N/24V
Room temperature	Cooling	F	60~90
	Heating	F	60~90

Outdoor Model			CH-ALT30HP24V-230VO
Power supply		V, Ph, Hz	208-230V, 1Ph, 60Hz
Min. circuit ampacity		A	20
Max. fuse		A	25
Compressor	Model		KTM240D46UKT2
	Type		TWIN-ROTARY
	Brand		GMCC
	Capacity	Btu/h	N/A
	Input	w	2,045
	Rated current (RLA)	A	15
	Refrigerant oil	oz	VG74
Outdoor fan motor	Qty		1
	Input	w	80
	RLA	A	1
	Speed	r/min	850/700/550
Outdoor air flow (Max)		CFM	1,766
Outdoor noise level (Max)		dB(A)	55
Throttle type			EXV
Outdoor unit	Dimensions (WxDxH)	inch	35 x 13-1/2 x 26-1/2
	Packing (WxDxH)	inch	39-1/8 x 15-5/8 x 29-1/8
	Net/Gross weight	inch	99 / 107
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	164'
	Max. difference in level	ft	82'
Ambient temperature	Cooling	F	-13~122
	Heating	F	-13~75

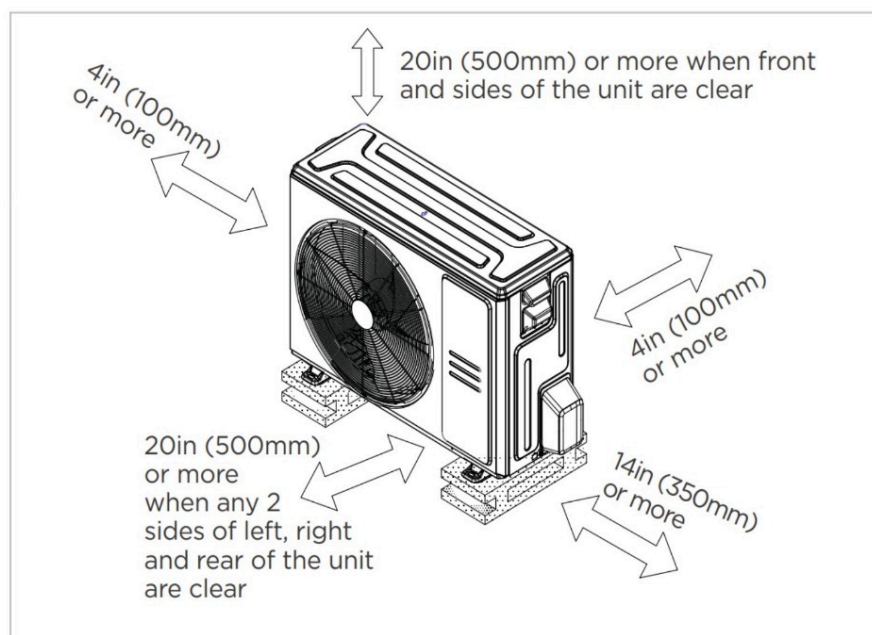
Indoor Unit Dimension



Dimensions		Model(Btu/h)	18K/24K		30K/36K	
			inch	mm	inch	mm
A	Model Height		36.5	928	49	1017
B	Model Width		20.3	515	21	559
C	Supply Air Opening Width		17.4	442	18.8	478.6
D	Return Air Opening Width		19.4	493.8	21.2	537.8
E	Model Depth		15.7	399	21	4.83
F	Supply Air Opening Depth		10.4	265.2	9.3	235.4
G	Return Air Opening Depth		10.3	261	13.1	332.5
H	Supply Air Opening Clearance		1.1	29.1	1.6	41
I	Return Air Opening Side Clearance		0.42	10.6	0.42	10.6
J	Return Air Opening Front Clearance		0.47	12	0.63	16



Installation Instruction For Outdoor Unit



☒ Meets all spatial requirements shown in Installation Clearance Requirements above.