

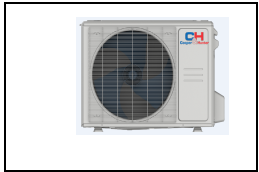
CH18MES230VO

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

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

Outdoor unit model **CH18MES230VO**

Certified **UL**



OUTDOOR UNIT DATA

Power supply

Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253

Electrical

Minimum circuit ampacity	(A)	18.0
Max.fuse	(A)	25.0

Outdoor fan motor

Model	ZKFN-80-8-3	
Qty	1	
Input	(W)	88.00
RLA	(A)	-
Speed	(r/min)	750/500

REFRIGERANT PIPE DATA

Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/65.26
Refrigerant precharge	(ft)	49
	(m)	15.0

Additional charge for each ft-Φ6.35 (1/4") liquid pipe

	(oz/ft)	0.161
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Additional charge for each ft-Φ9.52 (3/8") liquid pipe

	(oz/ft)	0.322
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Liquid side/ Gas side

	(inch)	2 x 1/4" x 3/8"
	(mm)	2 x Φ6.35/2 x Φ9.52

Max. length for all rooms

	(ft)	131
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Max. length for one indoor unit

	(ft)	82.0
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Max. height difference between indoor and outdoor unit

	(ft)	49
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Max. height difference between indoor units

	(ft)	33
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OUTDOOR UNIT DATA

Compressor

Model	KTN150D30UFZA	
Type	Twin-ROTARY	
Brand	GMCC	
Capacity	(Btu/h)	16138.76
Input	(W)	1250
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	VG74/450
Throttle	Capillary +EXV	

Air flow & Noise level

Outdoor air flow (Max.)	(CFM)	1764.71
Outdoor noise level	[dB(A)]	58.50

Outdoor unit

Dimension (W×D×H)	(inch)	35.04x13.46x26.50
	(mm)	890x342x673
Packing (W×D×H)	(inch)	39.17x15.67x29.13
	(mm)	995x398x740

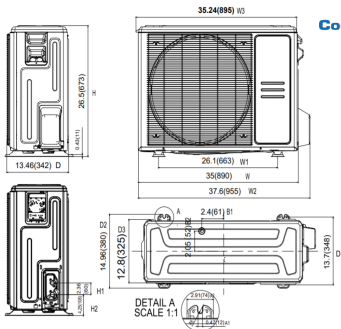
Net/ Gross weight

	(lbs.)	100.31/108.69
	(kg)	45.5/49.3

Outdoor(cooling/heating)

	(Deg. °F)	-13~122/ -13~86
	(Deg. °C)	-25~50/ -25~30

Outdoor unit dimension



24V INTERFACE KIT

