



Submittal Data Sheet
12K Hyper

Indoor unit code	22022511000710
Outdoor unit code	22022016004875
Model	
Indoor unit model	CCA3U-12HRFN1-M(C)
Outdoor unit model	MOB30-12HFN1-MV0W



PERFORMANCE DATA

Power supply	Ph-V-Hz	208-230V, 1Ph, 60Hz
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Cooling

Capacity	Btu/h	12000
Input	W	960
Rated current	A	4.39
EER	Btu/w	12.5
SEER	Btu/w	19.5

Heating at 47

Capacity	Btu/h	12000
Input	W	960
Rated current	A	4.39
COP	W/W	3.66
HSPF4		10.6
HSPF5		9.2

Electrical

MINIMUM CIRCUIT AMPACITY	A	9
MAX. FUSE	A	15
Connection wiring		16*4 AWG

Compressor

Model		ATM115D43UFZ2
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	11430
Input	W	870
Rated current(RLA)	A	5.65
Locked rotor Amp(LRA)	A	---
Thermal protector		---
Thermal protector position		---
Refrigerant oil/oil charge	ml	ESTER OIL VG74 / 500

SYSTEM DATA

Design pressure	PSIG	550/340 PSIG
Refrigerant type	oz	R410A/52.9
Refrigerant precharge	ft	25
Additional charge per ft.	oz	0.16
Liquid side/ Gas side	mm(in)	Φ6.35/Φ12.7(1/4"/1/2")
Max. refrigerant pipe length	ft	82
Max. difference in level	ft.	33

INDOOR UNIT DATA

Indoor fan motor

Model		ZKFP-46-8-1
Type		DC
Input		45
RLA	A	0.465
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	---
Speed(Hi/Mi/Lo)	r/min	680/580/500

Air flow & Noise level

Indoor air flow (Hi/Lo)	CFM	379/309/261
Indoor noise level (Hi/Lo)	dB(A)	43/39/36

Indoor unit

Dimension(W*D*H)	inch	22.44x22.44x10.24
Packing (W*D*H)	inch	25.79x25.79x11.42
Net/Gross weight	lbs.	35.27/41

OUTDOOR UNIT DATA

Outdoor fan motor

Model		ZKFN-40-8-1L
Type		DC
Input		63
RLA	A	0.38
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	---
Speed	r/min	810

Air flow & Noise level

Outdoor air flow	CFM	1180
Outdoor noise level	dB(A)	57

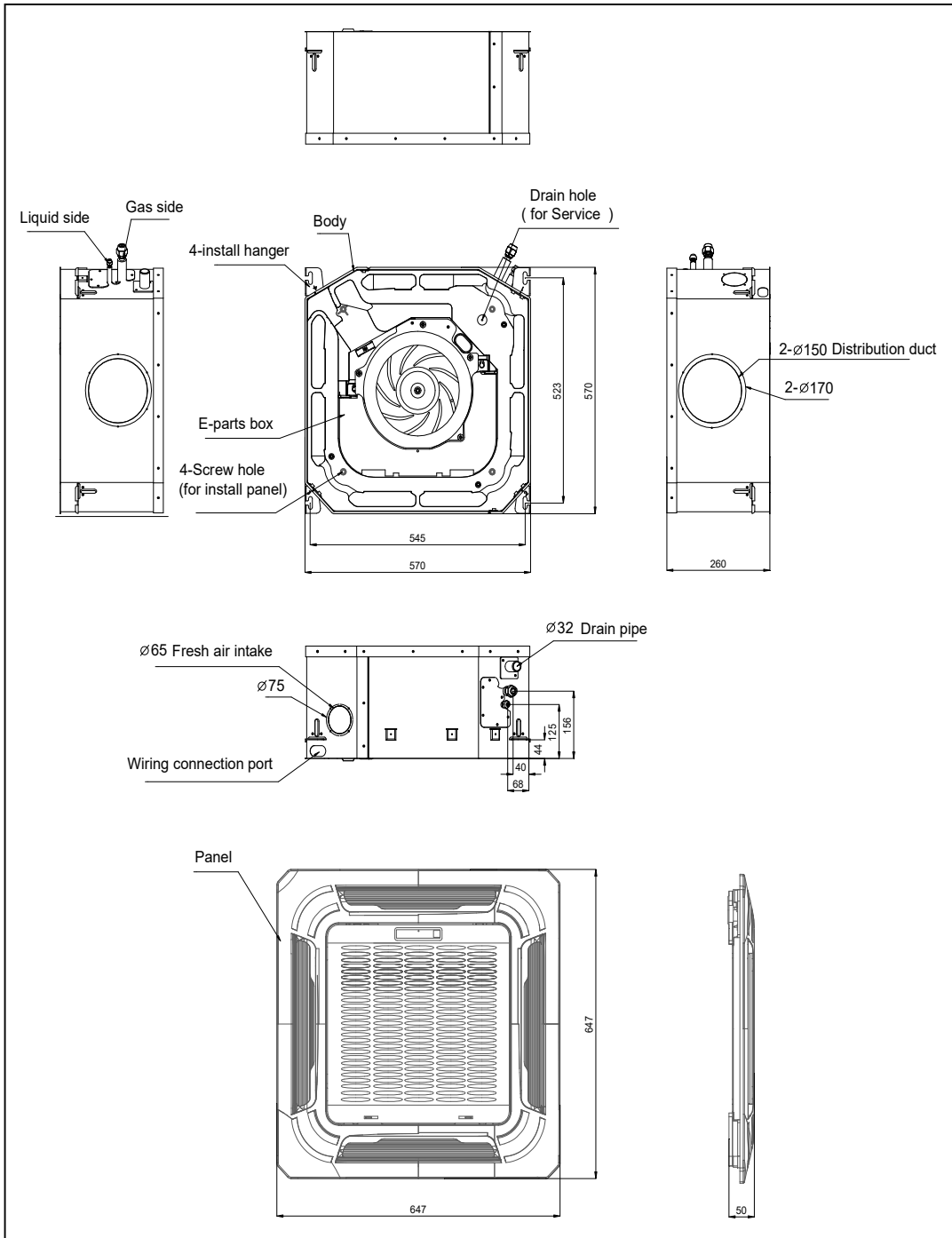
Outdoor unit

Dimension(W*D*H)	inch	31.5x13.11x21.81
Packing (W*D*H)	inch	36.22x15.35x24.21
Net/Gross weight	lbs.	88.18/93.7

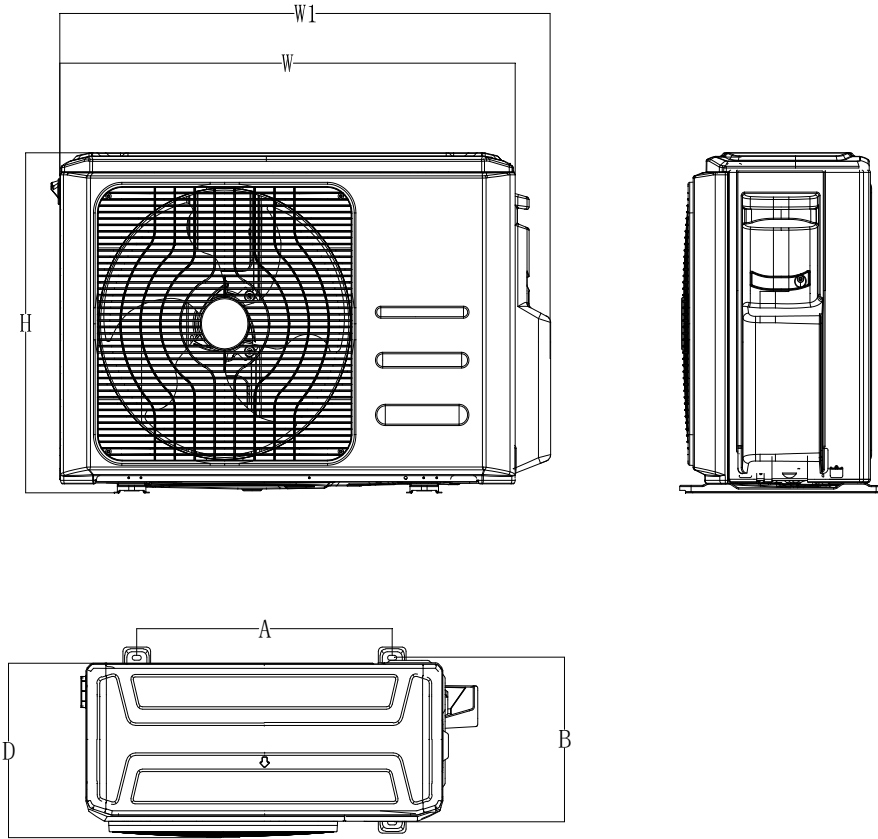
Operation temperature

Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	-22~-122/ -22~86
Application area	sq.ft	172-252

INDOOR UNIT



OUTDOOR UNIT



Model	W (inch)	D (inch)	H (inch)	W1 (inch)	A (inch)	B (inch)
MOB30-12HFN1-MVOW	31.5	13.1	21.8	34.3	20.2	13.4