

## Submittal Data Sheet 18K Hyper



Code	
Indoor unit code	22022511000711
Outdoor unit code	22022016005062
Model	
Indoor unit model	CCA3U-18HRFN1-M(C)
Outdoor unit model	MOCA30-18HFN1-MT0W

### PERFORMANCE DATA

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

Capacity	Btu/h	16000
Input	W	1280
Rated current	A	5.85
EER	Btu/w	12.5
SEER	Btu/w	20

#### Heating at 47

Capacity	Btu/h	18000
Input	W	1636
Rated current	A	7.48
COP	W/W	3.22
HSPF4		10.5
HSPF5		9.1

#### Electrical

MINIMUM CIRCUIT AMPACITY	A	18
MAX. FUSE	A	25
Connection wiring		16*4 AWG

#### Compressor

Model		ATF235D22UMT
Type		ROTARY
Brand		GMCC
Capacity	Btu/h	24345
Input	W	1970
Rated current(RLA)	A	12.9
Locked rotor Amp(LRA)	A	---
Thermal protector		---
Thermal protector position		---
Refrigerant oil/oil charge	ml	POE(VG74)/670

#### SYSTEM DATA

Design pressure	PSIG	550/340 PSIG
Refrigerant type	oz	R410A/68.8
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	98
Max. difference in level	ft.	66

### 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	730/630/570

#### Air flow & Noise level

Indoor air flow (Hi/Lo)	CFM	560/483/415
Indoor noise level (Hi/Lo)	dB(A)	44/39/36

#### Indoor unit

Dimension(W*D*H)	inch	22.44x22.44x10.24
Packing (W*D*H)	inch	25.79x25.79x11.42
Net/Gross weight	lbs.	35.49/41.23

### OUTDOOR UNIT DATA

#### Outdoor fan motor

Model		ZKFN-50-8-2
Type		DC
Input		115
RLA	A	0.42
LRA	A	---
Winding Resistance	Ω	---
Capacitor	uF	---
Speed	r/min	850

#### Air flow & Noise level

Outdoor air flow	CFM	1355
Outdoor noise level	dB(A)	59

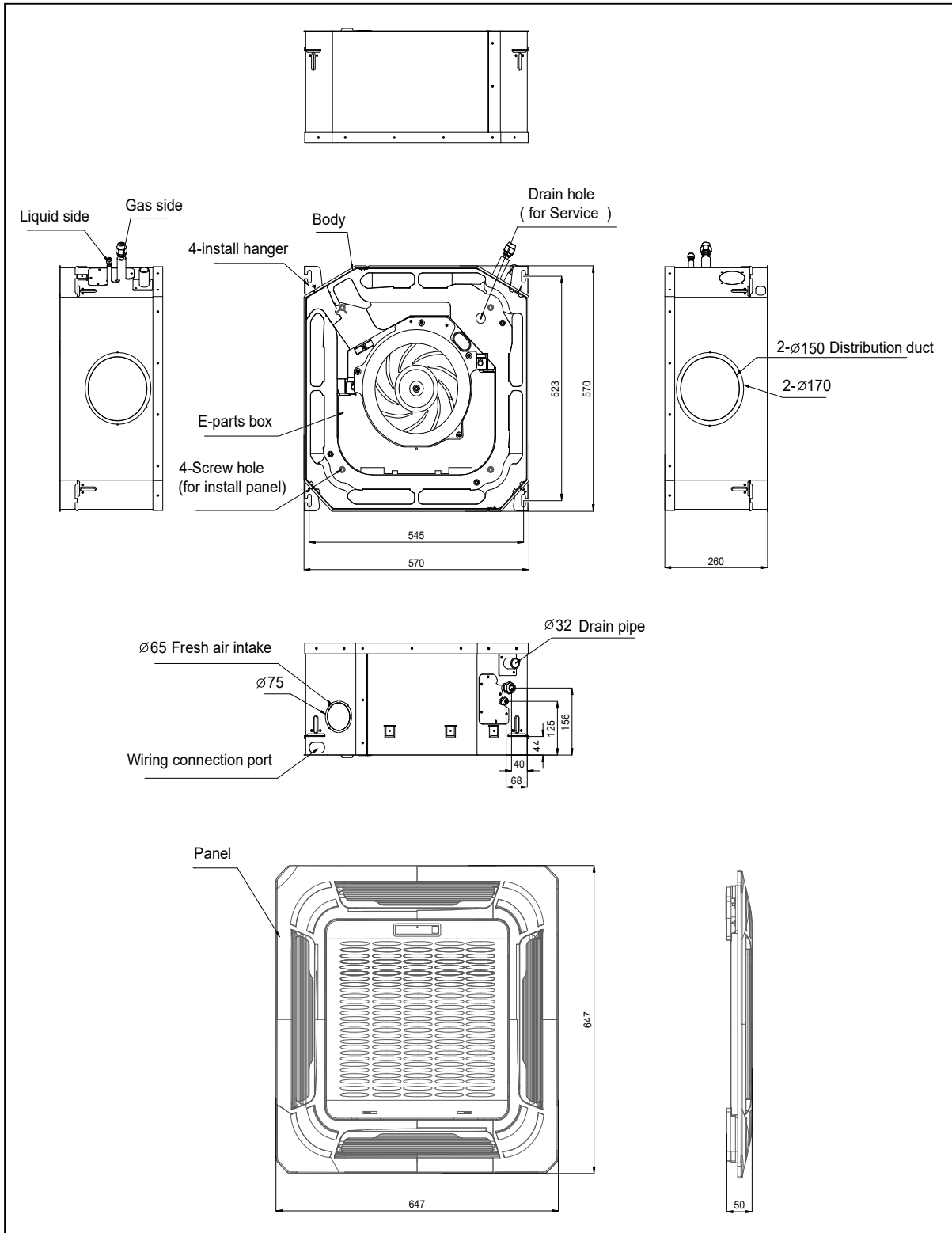
#### Outdoor unit

Dimension(W*D*H)	inch	33.27x14.29x27.64
Packing (W*D*H)	inch	37.99x15.55x30.11
Net/Gross weight	lbs.	107.4/115.1

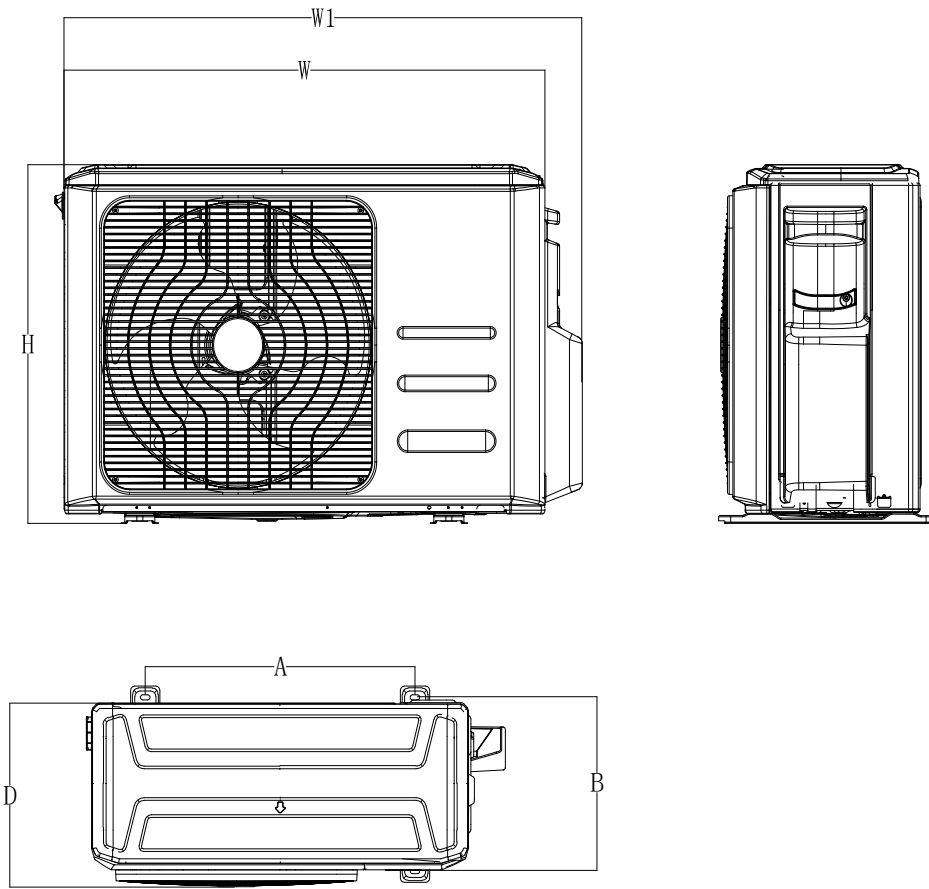
#### Operation temperature

Indoor(cooling/ heating)	Deg. F	62~90/32~86
Outdoor(cooling/heating)	Deg. F	-22~122/ -22~86
Application area	sq.ft	258-376

# INDOOR UNIT



**OUTDOOR UNIT**



Model	W (inch)	D (inch)	H (inch)	W1 (inch)	A (inch)	B (inch)
MOCA30-18HFN1-MTOW	33.3	14.3	27.6	36.0	21.3	13.8