

SUBMITTAL DATA SHEET

MUE-36HRFN1-M(C)/MOE30U-36HFN1-M(GA)

36,000 BTU/H(208/230V)

Wall Mounted Heat Pump System

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

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

Set Code
 Indoor unit code 22022710003516
 Outdoor unit code 22022711000658
 Outdoor unit code 22022516001923

Set Model
 Indoor unit model BMY36HHUC
 Outdoor unit model BM36MFCC

Certified
 AHRI 
 CSA 



SYSTEM PERFORMANCE DATA

Power supply

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

Electrical

INDOOR UNIT DATA

Indoor fan motor

Type	Cross-Flow
Model	ZKFN-115-8-1
Qty	1
Input (W)	130.0

Minimum circuit ampacity	(A)	41.0
Max.fuse	(A)	50.0
Connection wiring	14AWG*2 Stranded, shielded	

Cooling

Rated Capacity	(Btu/h)	36000
Capacity Range	(Btu/h)	7774~42165
Powrer Input (Max)	(W)	4200
Rated current	(A)	17.8
SEER	(Btu/W)	17.5
EER	(Btu/W)	8.6

Heating at 47F

Rated Capacity	(Btu/h)	39000
Capacity Range	(Btu/h)	11501~45750
Powrer Input (Max)	(W)	4250
Rated current	(A)	19
HSPF4	(Btu/W)	10
HSPF5	(Btu/W)	8.5
COP	W/W	2.69

Heating at 17F

Max Capacity	(Btu/h)	25000
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REFRIGERANT PIPE DATA

Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/148
Refrigerant precharge	(ft)	25.0
	(m)	7.6
Additional charge for each ft	(oz/ft)	0.32
	(g/ft)	30
Liquid side/ Gas side	(inch)	3/8" / 5/8"

RLA	(A)	-
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	1300/1150/800

Air flow & Noise level

Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	1036.47/917.06/637.65
Indoor noise level (Hi/Med/Lo)	[dB(A)]	51.5/48.0/40.5

Dehumidification

(Pint/H)	---
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Indoor unit

Dimension (WxDxH)	(inch)	50.59x26.57x9.25
	(mm)	1285x675x235
Packing(WxDxH)	(inch)	53.54x29.72x12.32
	(mm)	1360x755x318
Net/Gross weight	(lbs.)	69.00/81.57
	(kg)	31.3/37

OUTDOOR UNIT DATA

Compressor

Type	EAPQ420D1UMUA	
Model	ROTARY	
Brand	GMCC	
Capacity	(Btu/h)	44015
Input	(W)	3565
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	INT01L-4639
Throttle	Capillary +EXV	

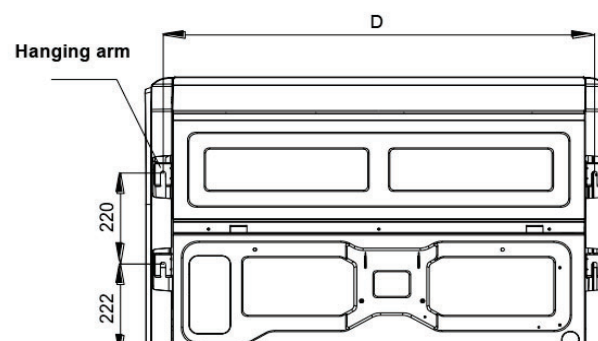
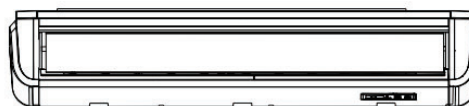
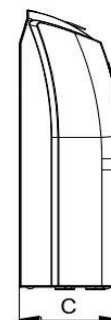
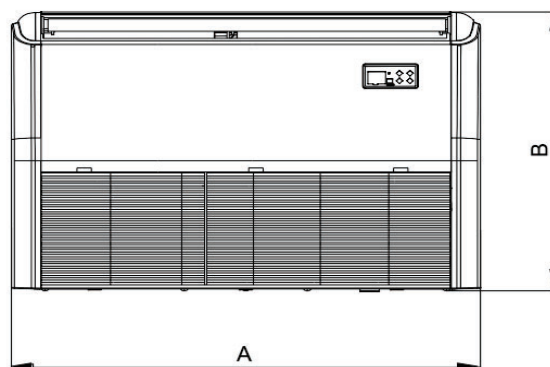
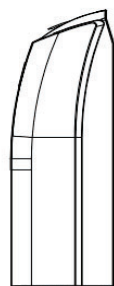
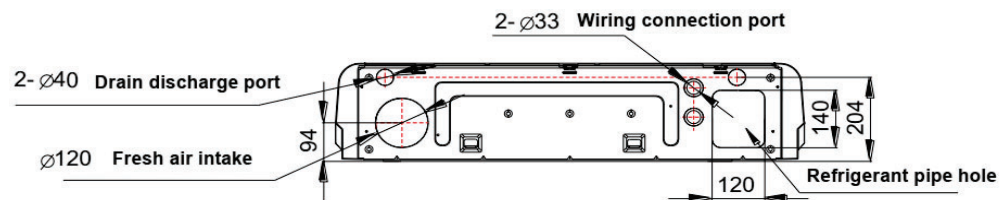
Outdoor fan motor

Model	ZKFN-85-8-22-5
Qty	2
Input (W)	--

	(mm)	9.52/15.9
Max. pipe length	(ft)	213.0
	(m)	65.0
Max. difference in level	(ft)	98.0
	(m)	30.0
Connection method		(Flared)
Outdoor operational ambient temperature	(Deg. °F)	5-122 / -22~75
(cooling/heating) Application area	(sq.ft)	516.67 ~ 753.47
	(m2)	48 ~ 70

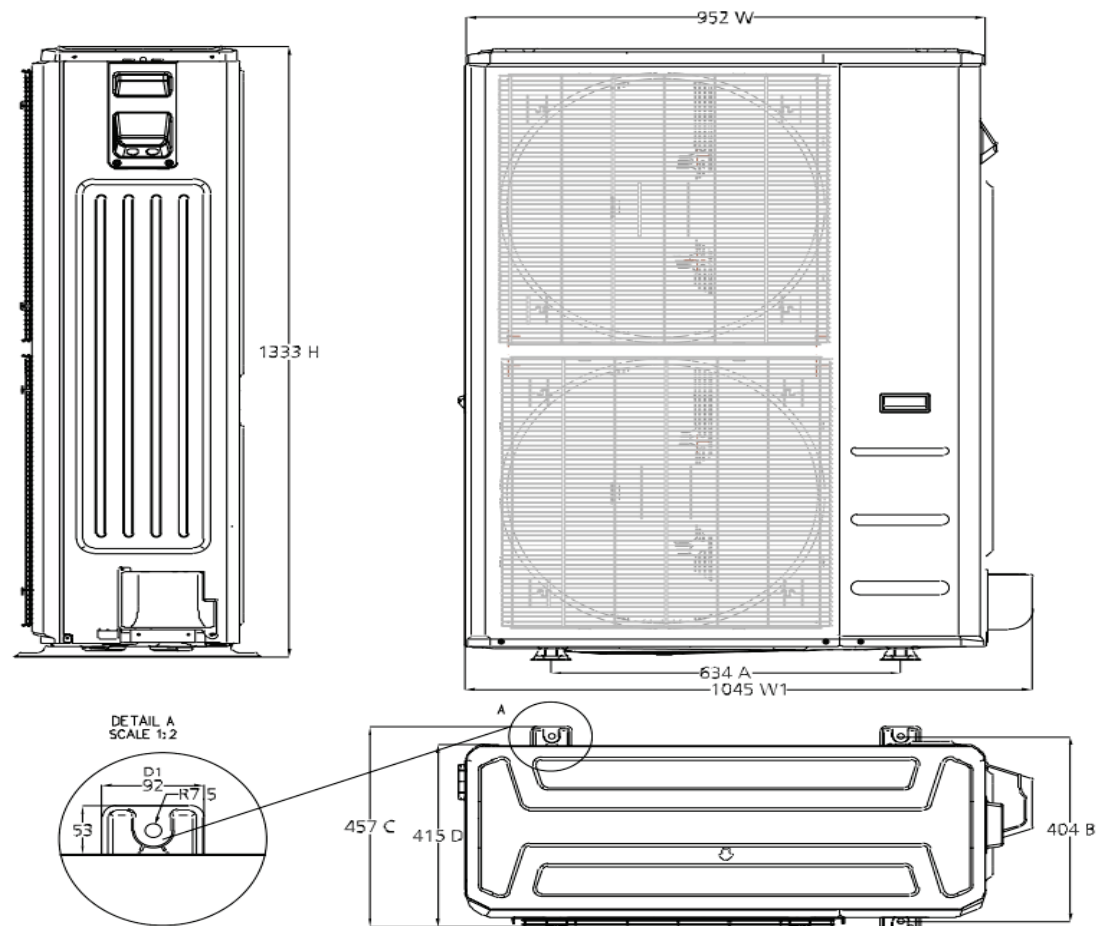
RLA	(A)	--
Speed	(r/min)	900/850/800/750
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	4500.00
Outdoor noise level	[dB(A)]	63.0
Outdoor unit		
Dimension (W×D×H)	(inch)	37.48x16.34x52.48
	(mm)	952x415x1333
Packing (W×D×H)	(inch)	43.11x19.49x58.27
	(mm)	1095x495x1480
Net/ Gross weight	(lbs.)	220.24/248.02
	(kg)	99.9/112.5

Indoor unit dimension



Capacity (Btu/h)	Unit	A	B	C	D
18K / 24K	mm	1068	675	235	983
	inch	42.05	26.57	9.25	38.70
36K	mm	1285	675	235	1200
	inch	50.59	26.57	9.25	47.24
48K/60K	mm	1650	675	235	1565
	inch	64.96	26.57	9.25	61.61

Outdoor unit dimension



General Features

Wired controller(optional)

Weekly-time wired controller(optional)

Central controller

Long distance Alarm and ON/OFF controller(optional)

Build-in pump(optional)

3D airflow
