



Submittal Form

Project Name:	
Location:	
Engineer:	
Submitted to:	
Submitted by:	
Reference:	

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

MODEL #	
INDOOR:	MEHSU-18CHCF2
OUTDOOR:	MCHSU-18PHH2



ELECTRICAL

Power supply	Ph-V-Hz	1-208/230-60
Minimum Circuit Ampacity	A	18
Maximum Fuse Size	A	25

COOLING

Capacity	Btu/h	17000(5500-20000)
Input	W	1360
Rated current	A	5.9
EER	Btu/w	12.5
SEER	Btu/w	19.9

HEATING

Capacity	Btu/h	18000(5500-21000)
Input	W	1516
Rated current	A	6.6
COP	A	3.48
HSPF	W/W	10.2
Low temperature heating capacity (5f)	Btu/h	18000

COMPRESSOR

Model		ATM115D43UFZ2
Type		ROTARY
Brand		GMCC
Input	W	1970
Rated Current (RLA)	A	12.5
Refrigerant Oil/Charge	ml	POE VG74/670

SYSTEM DATA

Design pressure	MPa	550/340 PSIG
Refrigerant	oz	R410A/68.9
Refrigerant precharge	ft	25
Additional charge per ft.	oz	0.161
Liquid	mm(in)	6.35(1/4")
Gas	mm(in)	9.52(1/2")
Max. refrigerant pipe length	ft.	98
Max difference in level	ft.	66

INDOOR UNIT DATA

Indoor fan		MEHSU-18CHCF2
Model		ZKFN-55-8-1
Brand		WELLING
Input	W	55
RLA	A	1.5
Speed(Hi/Mi/Lo)	r/min	(950/850/750)
Indoor air flow (Hi/Mi/Lo)	CFM	(666/595/525)
Indoor noise level (Hi/Mi/Lo)	dB(A)	(47/44/39)

INDOOR UNIT DIMENSIONS

Dimension(WxDxH)	inch	(42.05X26.57X9.25)
Packaging (WxDxH)	inch	(45.08X29.72X12.32)
Net/Gross weight	lbs.	55.12/65.48

OUTDOOR UNIT DATA

Outdoor fan		MCHSU-18PHH2
Model		ZKFN-50-8-2
Brand		WELLING
Input	W	50
RLA	A	0.42
Speed	r/min	850
Outdoor air flow	CFM	1355
Outdoor noise level	dB(A)	59

OUTDOOR UNIT DIMENSIONS

Dimension(WxDxH)	inch	(31.5X13.1X21.8)
Packaging (WxDxH)	inch	(37.99X15.55X29.72)
Net/Gross weight	lbs.	107.6/114.6

OPERATION TEMPERATURE

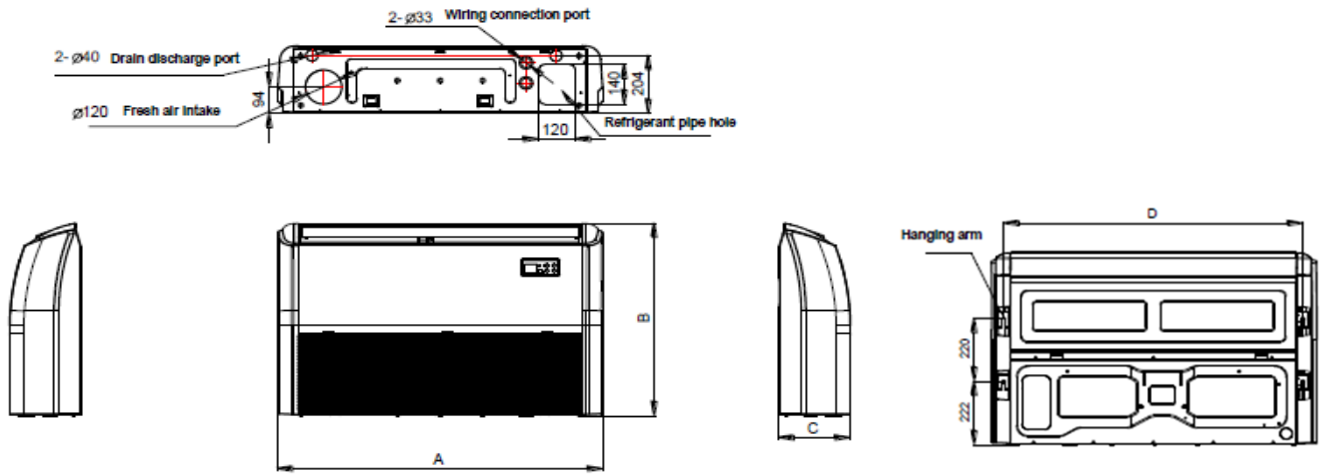
Indoor(cooling/ heating)	Deg. F	(62-90/32-86)
Outdoor(cooling/heating)	Deg. F	(-22-122/-22-86)

ACCESSORIES

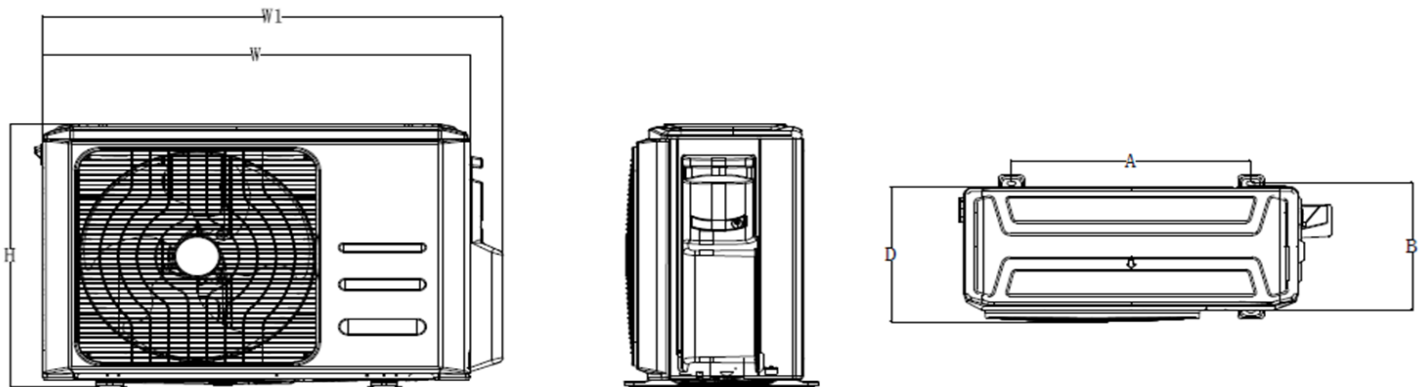
Wired Control	Model #	120G2
Installation Kit	Model #	Installation Kit 2
Piping Kit	Model #	PJX-2

Midea America Corp.

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Dimensions	Width	Depth	Height
Inches	42 1/16	26 5/8	9 1/4



Dimensions	Width	Width 1	Depth	Height	A	B
Inches	31 1/2	34 5/16	13 1/8	21 3/4	20 1/4	13 3/8