



AHU Heat Pump System	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Model	
Indoor unit model	AHU18-SG2
Outdoor unit model	CPR18CD(O)
Certified	
AHRI	
UL	



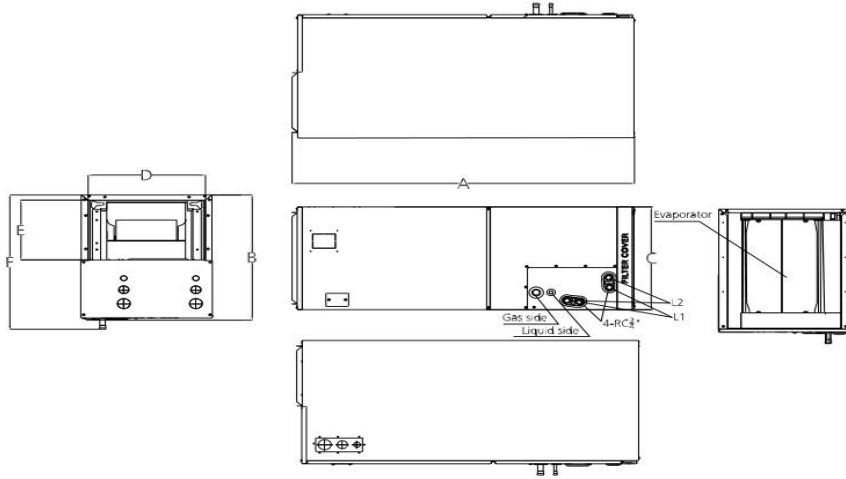
SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	16.0
Max.fuse	(A)	20.0
Connection wiring		16AWG*2 Stranded, shielded
Cooling		
Rated Capacity	(Btu/h)	18000
Capacity Range	(Btu/h)	5350~18700
Power Input	(W)	1620
Rated current	(A)	7.5
SEER	(Btu/W)	19
EER	(Btu/W)	11.1
Heating at 47F		
Rated Capacity	(Btu/h)	18000
Capacity Range	(Btu/h)	5600~18700
Power Input	(W)	1510
Rated current	(A)	6.7
HSPF4	(Btu/W)	10.8
HSPF5	(Btu/W)	8.8
COP	W/W	3.49

REFRIGERANT PIPE DATA		
Throttle type	Indoor unit	EEV for cooling
	Outdoor unit	EEV for heating
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/56.44
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.69
	(g/m)	65
Liquid side/ Gas side	(inch)	3/8" / 3/4"
	(mm)	9.52/19
Max. pipe length	(ft)	98.0
	(m)	30
Max. difference in level	(ft)	66.0
	(m)	20
Connection method		Flared
Indoor(cooling/ heating)	(Deg. °F)	60~90/32~86
	(Deg. °C)	16~32/0~30
Outdoor(cooling/heating)	(Deg. °F)	5~122/5~75
	(Deg. °C)	-15~50/-15~24
Application area	(sq.ft)	258.33~376.74
	(m2)	24~35

INDOOR UNIT DATA		
Indoor fan motor		
Type		Centrifugal
Model		ZKFD-250-8-1
Qty		1
Input	(W)	67.8
RLA	(A)	---
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	-
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (N)	(CFM)	576.47/529.41/488.24
Indoor noise level (Hi/Med/Lo)	[dB(A)]	36/34/32
Dehumidification		
	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch)	21.02x17.52x45.00
	(mm)	534x445x1143
Packing(WxDxH)	(inch)	25.20x20.87x50.39
	(mm)	640x530x1280
Net/Gross weight	(lbs.)	48/58.7
	(kg)	105.82/129.41

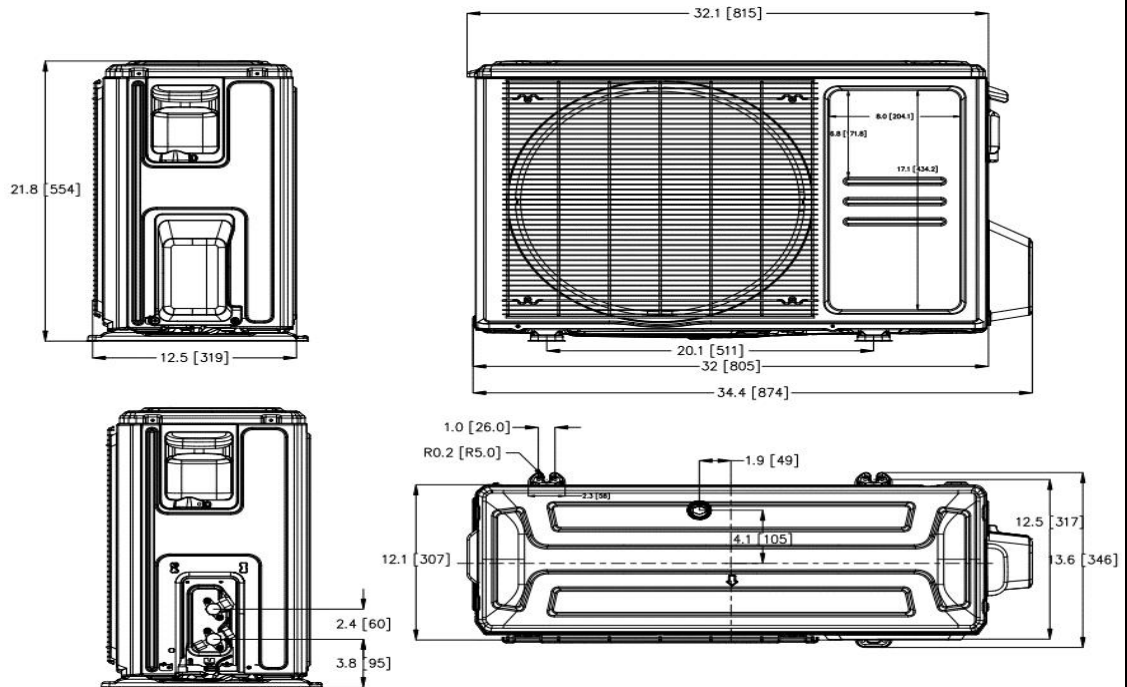
OUTDOOR UNIT DATA		
Compressor		
Type		ROTARY
Model		KSN140D21UFZ
Brand		GMCC
Capacity	(Btu/h)	14415.7
Input	(W)	1085
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	VG74/440
Outdoor fan motor		
Model		ZKFN-34-10-1-3
Qty		1
Input	(W)	100.30
RLA	(A)	-
Speed	(r/min)	840/700/650
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1450.00
Outdoor noise level	[dB(A)]	54
Outdoor unit		
Dimension (W×D×H)	(inch)	31.69x12.99x21.81
	(mm)	805x330x554
Packing (W×D×H)	(inch)	36.02x14.57x24.21
	(mm)	915x370x615
Net/ Gross weight	(lbs.)	75.84/81.35
	(kg)	34.4/36.9

Indoor unit dimension

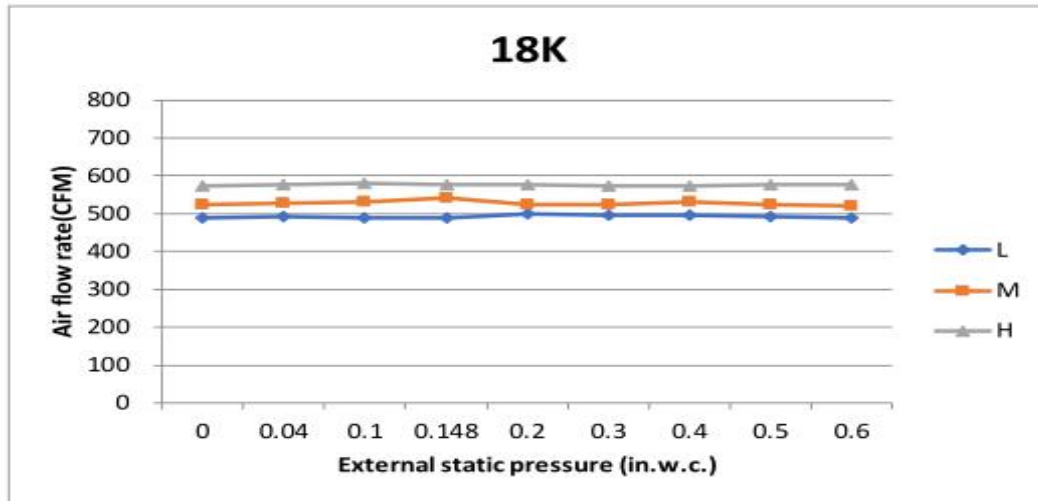


Model	Unit	Dimensions(mm)						Drain hole	
		A	B	C	D	E	F	L1	L2
18k~24k	mm	1143	534	445	400	260	585	Main drain	Overflow drain
	inch	45	21	17-1/2	15-3/4	10-1/4	23		
30k-48k	mm	1245	534	534	490	260	585		
	inch	49	21	21	19-5/16	10-1/4	23		
60k	mm	1346	534	622	580	260	585		
	inch	53	21	24-1/2	22-7/8	10-1/4	23		

Outdoor unit dimension



Fan performance



AHU Heat Pump System	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Model	
Indoor unit model	AHU24-SG2
Outdoor unit model	CPR24CD(O)
Certified	
AHRI	
UL	



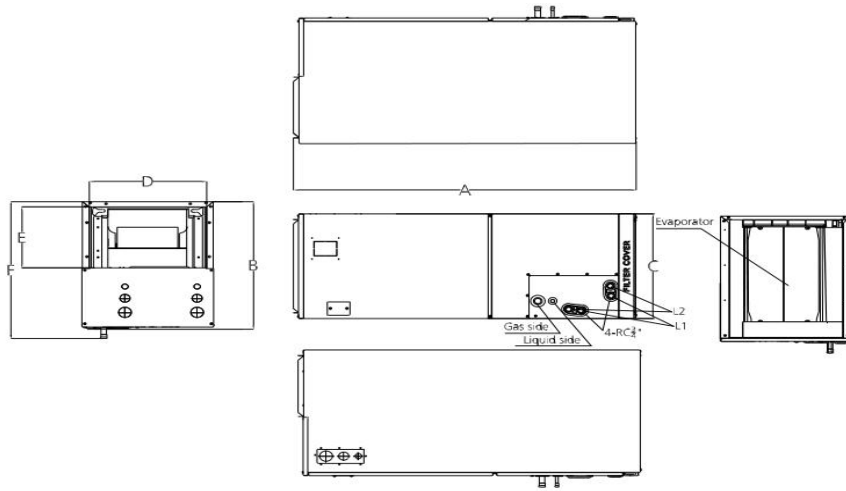
SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	19.0
Max.fuse	(A)	30.0
Connection wiring		16AWG*2 Stranded, shielded
Cooling		
Rated Capacity	(Btu/h)	24000
Capacity Range	(Btu/h)	7500~26000
Power Input	(W)	2120
Rated current	(A)	9.7
SEER	(Btu/W)	19.4
EER	(Btu/W)	11.3
Heating at 47F		
Rated Capacity	(Btu/h)	26000
Capacity Range	(Btu/h)	5600~30000
Power Input	(W)	2150
Rated current	(A)	9.8
HSPF4	(Btu/W)	11.3
HSPF5	(Btu/W)	9.2
COP	W/W	3.54

REFRIGERANT PIPE DATA		
Throttle type	Indoor unit	EEV for cooling
	Outdoor unit	EEV for heating
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/74.08
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.69
	(g/m)	65
Liquid side/ Gas side	(inch)	3/8" / 3/4"
	(mm)	9.52/15.9
Max. pipe length	(ft)	164.0
	(m)	50
Max. difference in level	(ft)	82.0
	(m)	25
Connection method	Flared	
Indoor(cooling/ heating)	(Deg. °F)	60~90/32~86
	(Deg. °C)	16~32/0~30
Outdoor(cooling/heating)	(Deg. °F)	5~122/5~75
	(Deg. °C)	-15~50/ -15~24
Application area	(sq.ft)	344.44~505.90
	(m2)	32~47

INDOOR UNIT DATA		
Indoor fan motor		
Type	Centrifugal	
Model	ZKFD-250-8-1	
Qty	1	
Input	(W)	67.8
RLA	(A)	---
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	-
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (N)	(CFM)	758.82/694.12/629.41
Indoor noise level (Hi/Med/Lo)	[dB(A)]	43/40.5/35
Dehumidification		
	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch)	21.02x17.52x45.00
	(mm)	534x445x1143
Packing(WxDxH)	(inch)	25.20x20.87x50.39
	(mm)	640x530x1280
Net/Gross weight	(lbs.)	47.9/57.8
	(kg)	105.60/127.43

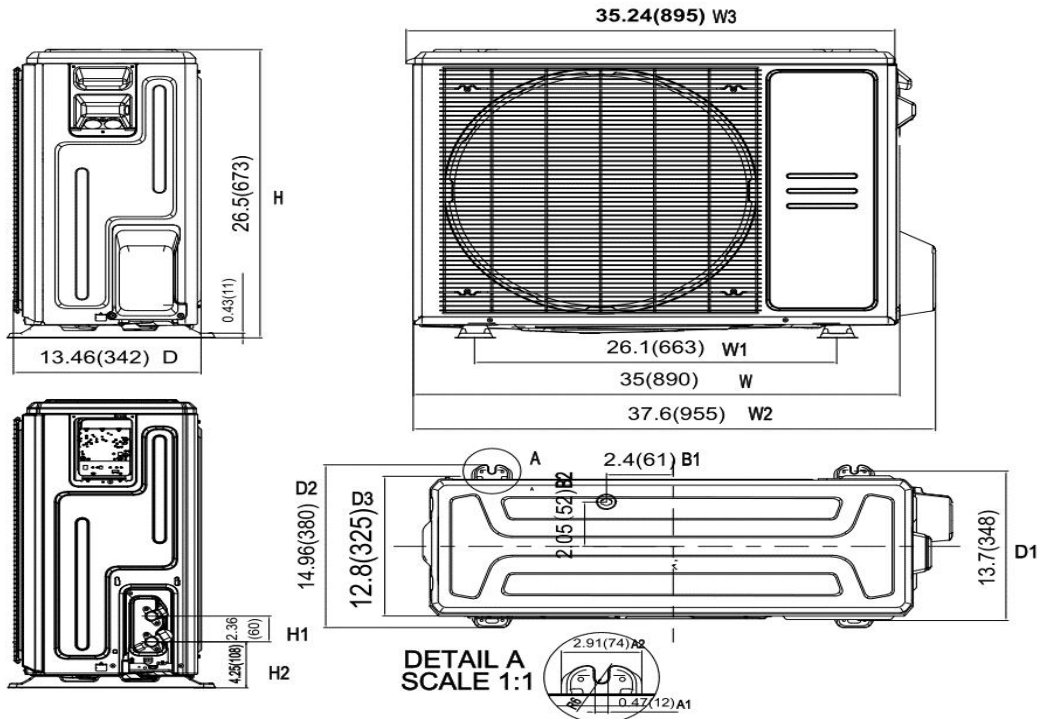
OUTDOOR UNIT DATA		
Compressor		
Type	Twin-ROTARY	
Model	KTM240D57UMT	
Brand	GMCC	
Capacity	(Btu/h)	24686
Input	(W)	1945
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	VG74/670
Outdoor fan motor		
Model	ZKFN-80-8-3	
Qty	1	
Input	(W)	88.00
RLA	(A)	--
Speed	(r/min)	810/720
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1764.71
Outdoor noise level	[dB(A)]	56.5
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.)	102.29/109.13
	(kg)	46.4/49.5

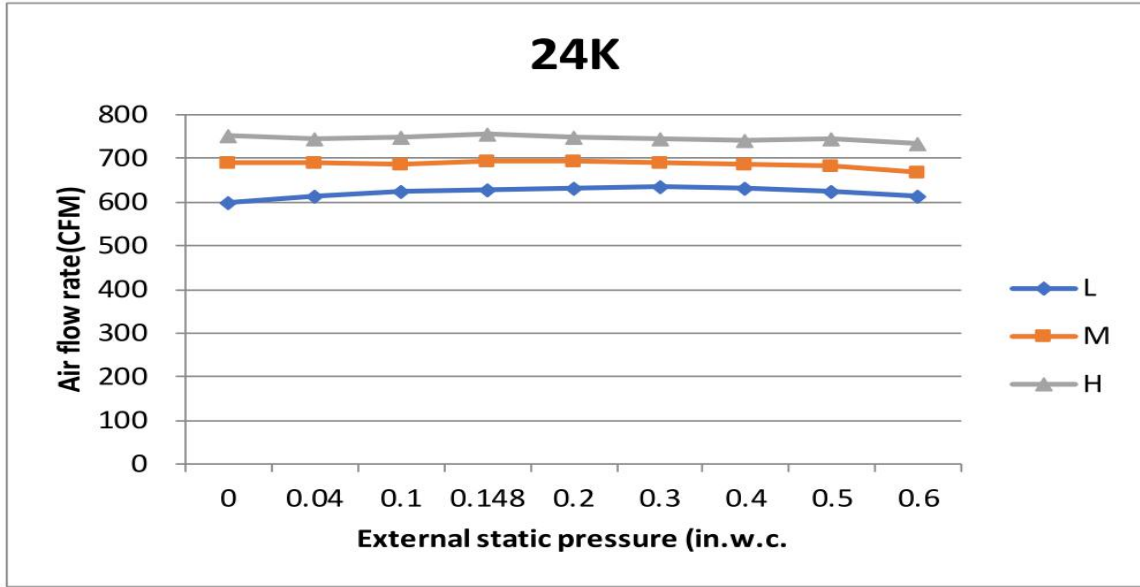
Indoor unit dimension



Model	Unit	Dimensions(mm)						Drain hole	
		A	B	C	D	E	F	L1	L2
18k~24k	mm	1143	534	445	400	260	585	Main drain	Overflow drain
	inch	45	21	17-1/2	15-3/4	10-1/4	23		
30k-48k	mm	1245	534	534	490	260	585		
	inch	49	21	21	19-5/16	10-1/4	23		
60k	mm	1346	534	622	580	260	585		
	inch	53	21	24-1/2	22-7/8	10-1/4	23		

Outdoor unit dimension





AHU Heat Pump System	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Model	
Indoor unit model	AHU30-SG2
Outdoor unit model	CPR30CD(O)
Certified	AHRI  UL 



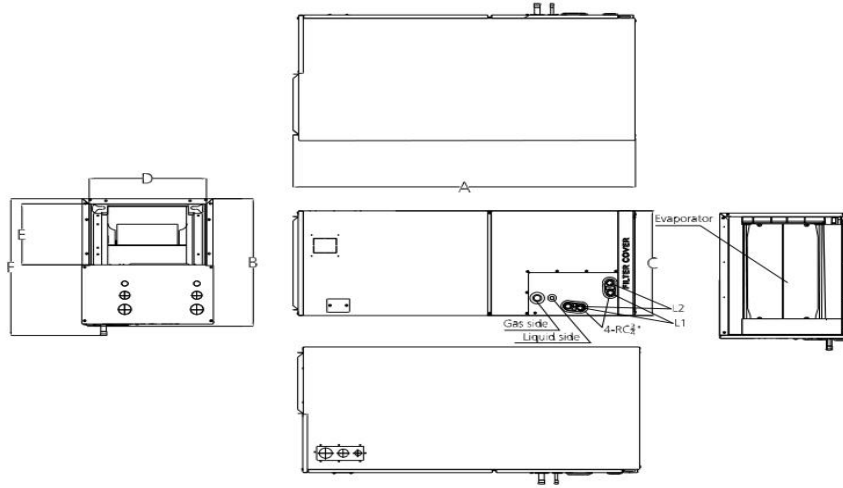
SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	20.0
Max.fuse	(A)	35.0
Connection wiring		16AWG*2 Stranded, shielded
Cooling		
Rated Capacity	(Btu/h)	30000
Capacity Range	(Btu/h)	9482~32000
Power Input	(W)	2760
Rated current	(A)	12.20
SEER	(Btu/W)	19.5
EER	(Btu/W)	10.9
Heating at 47F		
Rated Capacity	(Btu/h)	31000
Capacity Range	(Btu/h)	12200~32000
Power Input	(W)	2850
Rated current	(A)	12.40
HSPF4	(Btu/W)	10.3
HSPF5	(Btu/W)	8.6
COP	W/W	3.19

REFRIGERANT PIPE DATA		
Throttle type	Indoor unit	EEV for cooling
	Outdoor unit	EEV for heating
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/107.59
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.69
	(g/m)	65
Liquid side/ Gas side	(inch)	3/8" / 3/4"
	(mm)	9.52/15.9
Max. pipe length	(ft)	213.0
	(m)	65
Max. difference in level	(ft)	98.0
	(m)	30
Connection method	Flared	
Indoor(cooling/ heating)	(Deg. °F)	60~90/32~86
	(Deg. °C)	16~32/0~30
Outdoor(cooling/heating)	(Deg. °F)	5~122/5~75
	(Deg. °C)	-15~50/ -15~24
Application area	(sq.ft)	430.56~635.07
	(m2)	40~59

INDOOR UNIT DATA		
Indoor fan motor		
Type	Centrifugal	
Model	ZKFD-375-8-1	
Qty	1	
Input	(W)	168.0
RLA	(A)	---
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	-
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (N)	(CFM)	894.12/805.88/711.76
Indoor noise level (Hi/Med/Lo)	[dB(A)]	43/40/30.5
Dehumidification		
(Pint/H) ---		
Indoor unit		
Dimension (WxDxH)	(inch)	21.02x21.02x49.02
	(mm)	534x534x1245
Packing(WxDxH)	(inch)	25.20x24.41x54.33
	(mm)	640x620x1380
Net/Gross weight	(lbs.)	58.6/70.6
	(kg)	129.19/155.64

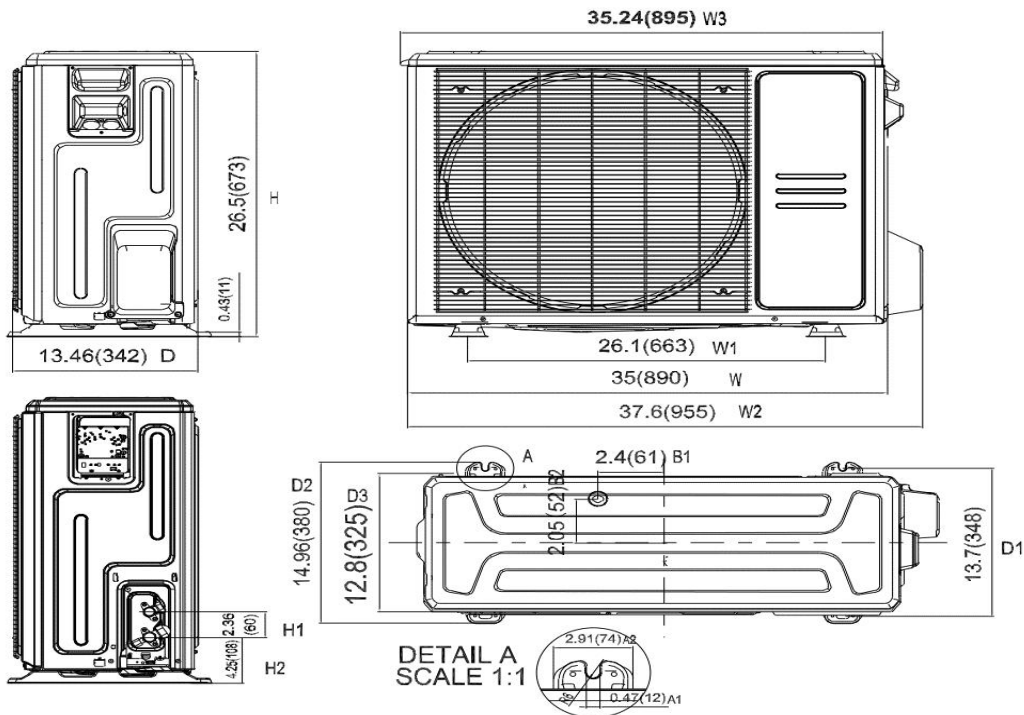
OUTDOOR UNIT DATA		
Compressor		
Type	ROTARY	
Model	KTF250D22UMT	
Brand	GMCC	
Capacity	(Btu/h)	26084.74
Input	(W)	2080
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	VG74/670
Outdoor fan motor		
Model	ZKFN-120-8-2	
Qty	1	
Input	(W)	150.0
RLA	(A)	-
Speed	(r/min)	1150/1050/900/850
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	3000.00
Outdoor noise level	[dB(A)]	61.5
Outdoor unit		
Dimension (W×D×H)	(inch)	37.24x16.14x31.89
	(mm)	946x410x810
Packing (W×D×H)	(inch)	42.91x19.69x34.84
	(mm)	1090x500x885
Net/ Gross weight	(lbs.)	141.76/151.46
	(kg)	64.3/68.7

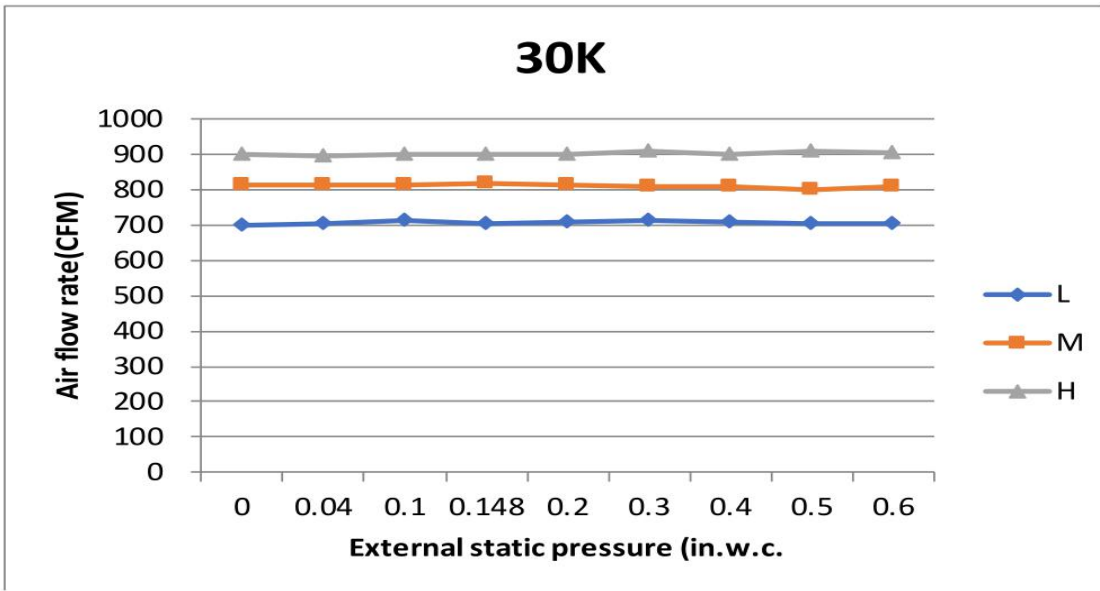
Indoor unit dimension





Model	Unit	Dimensions(mm)						Drain hole	
		A	B	C	D	E	F	L1	L2
18k~24k	mm	1143	534	445	400	260	585	Main drain	Overflow drain
	inch	45	21	17-1/2	15-3/4	10-1/4	23		
30k~48k	mm	1245	534	534	490	260	585		
	inch	49	21	21	19-5/16	10-1/4	23		
60k	mm	1346	534	622	580	260	585		
	inch	53	21	24-1/2	22-7/8	10-1/4	23		

Outdoor unit dimension





AHU Heat Pump System	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Model	
Indoor unit model	AHU36-SG2
Outdoor unit model	CPR36CD(0)
Certified	
AHRI	
UL	



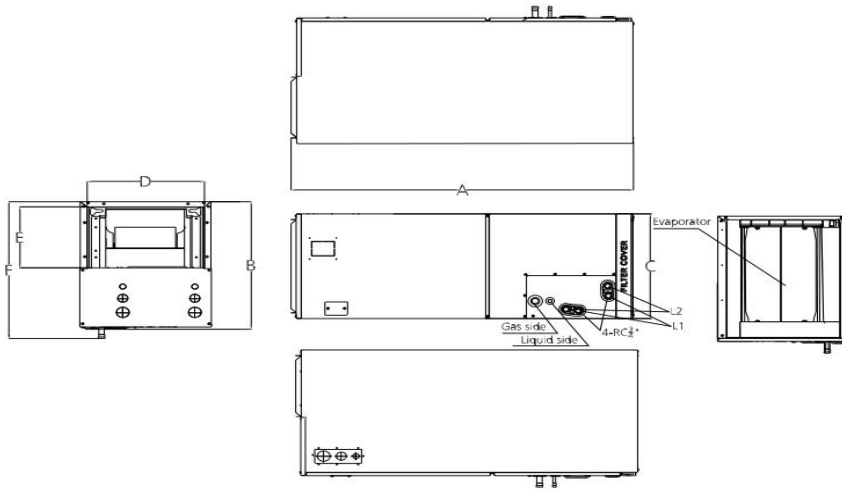
SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	24.0
Max.fuse	(A)	40.0
Connection wiring		16AWG*2 Stranded, shielded
Cooling		
Rated Capacity	(Btu/h)	36000
Capacity Range	(Btu/h)	7700~38900
Power Input	(W)	3750
Rated current	(A)	15.82
SEER	(Btu/W)	18
EER	(Btu/W)	10.4
Heating at 47F		
Rated Capacity	(Btu/h)	36000
Capacity Range	(Btu/h)	6000~36400
Power Input	(W)	3496
Rated current	(A)	16.12
HSPF4	(Btu/W)	9.1
HSPF5	(Btu/W)	7.1
COP	W/W	3.02

REFRIGERANT PIPE DATA		
Throttle type	Indoor unit	EEV for cooling
	Outdoor unit	EEV for heating
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/130.51
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.69
	(g/m)	65
Liquid side/ Gas side	(inch)	3/8" / 3/4"
	(mm)	9.52/15.9
Max. pipe length	(ft)	213.0
	(m)	65
Max. difference in level	(ft)	98.0
	(m)	30
Connection method	Flared	
Indoor(cooling/ heating)	(Deg. °F)	60~90/32~86
	(Deg. °C)	16~32/0~30
Outdoor(cooling/heating)	(Deg. °F)	5~122/5~75
	(Deg. °C)	-15~50/ -15~24
Application area	(sq.ft)	516.67~753.47
	(m2)	48~70

INDOOR UNIT DATA		
Indoor fan motor		
Type	Centrifugal	
Model	ZKFD-375-8-1	
Qty	1	
Input	(W)	168.0
RLA	(A)	---
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	-
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (N)	(CFM)	1082.35/970.59/864.71
Indoor noise level (Hi/Med/Lo)	[dB(A)]	46.8/44/41.3
Dehumidification		
	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch)	21.02x21.02x49.02
	(mm)	534x534x1245
Packing(WxDxH)	(inch)	25.20x24.41x54.33
	(mm)	640x620x1380
Net/Gross weight	(lbs.)	58.6/70.6
	(kg)	129.19/155.64

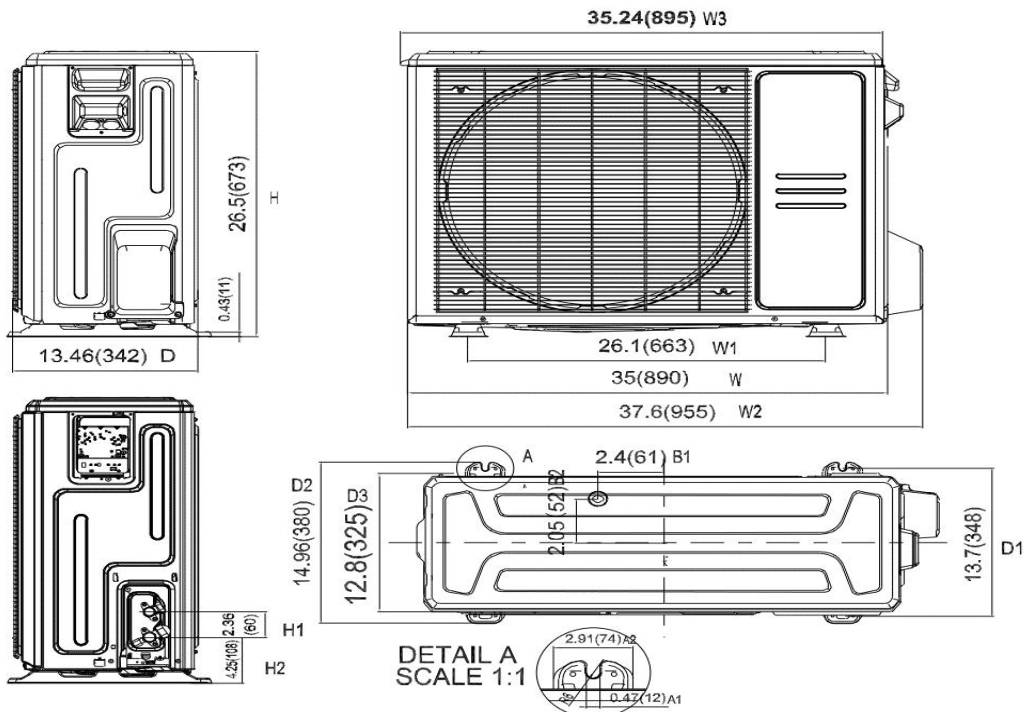
OUTDOOR UNIT DATA		
Compressor		
Type	ROTARY	
Model	KTF250D22UMT	
Brand	GMCC	
Capacity	(Btu/h)	26084.74
Input	(W)	2080
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	VG74/670
Outdoor fan motor		
Model	ZKFN-120-8-2	
Qty	1	
Input	(W)	150.0
RLA	(A)	-
Speed	(r/min)	1150/1050/900/850
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	2235.29
Outdoor noise level	[dB(A)]	61
Outdoor unit		
Dimension (W×D×H)	(inch)	37.24x16.14x31.89
	(mm)	946x410x810
Packing (W×D×H)	(inch)	42.91x19.69x34.84
	(mm)	1090x500x885
Net/ Gross weight	(lbs.)	151.68/161.16
	(kg)	68.8/73.1

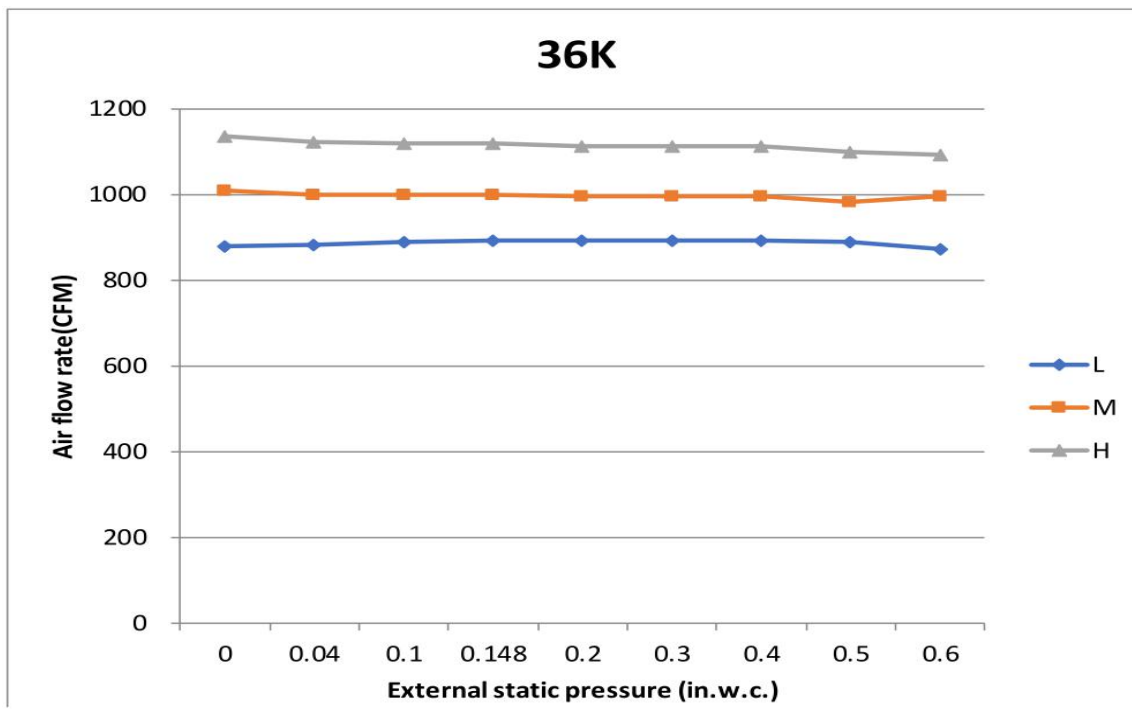
Indoor unit dimension



Model	Unit	Dimensions(mm)						Drain hole	
		A	B	C	D	E	F	L1	L2
18k~24k	mm	1143	534	445	400	260	585	Main drain	Overflow drain
	inch	45	21	17-1/2	15-3/4	10-1/4	23		
30k-48k	mm	1245	534	534	490	260	585		
	inch	49	21	21	19-5/16	10-1/4	23		
60k	mm	1346	534	622	580	260	585		
	inch	53	21	24-1/2	22-7/8	10-1/4	23		

Outdoor unit dimension





AHU Heat Pump System

Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____
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Set Model
 Indoor unit model AHU48-SG2
 Outdoor unit model CPR48CD(O)

Certified

AHRI 

UL 



SYSTEM PERFORMANCE DATA

Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	34.0
Max.fuse	(A)	50.0
Connection wiring		16AWG*2 Stranded, shielded
Cooling		
Rated Capacity	(Btu/h)	47000
Capacity Range	(Btu/h)	10500~48000
Power Input	(W)	5046
Rated current	(A)	21.9
SEER	(Btu/W)	17.3
EER	(Btu/W)	9.3
Heating at 47F		
Rated Capacity	(Btu/h)	55000
Capacity Range	(Btu/h)	11700~57000
Power Input	(W)	5373
Rated current	(A)	23.3
HSPF4	(Btu/W)	10
HSPF5	(Btu/W)	8.2
COP	W/W	3.00

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	EEV for cooling
	Outdoor unit	EEV for heating
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/165.79
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.69
	(g/m)	65
Liquid side/ Gas side	(inch)	3/8" / 3/4"
	(mm)	9.52/15.9
Max. pipe length	(ft)	213.0
	(m)	65
Max. difference in level	(ft)	98.0
	(m)	30
Connection method		Flared
Indoor(cooling/ heating)	(Deg. °F)	60~90/32~86
	(Deg. °C)	16~32/0~30
Outdoor(cooling/heating)	(Deg. °F)	5~122/5~75
	(Deg. °C)	-15~50/ -15~24
Application area	(sq.ft)	688.89~1011.81
	(m2)	64~94

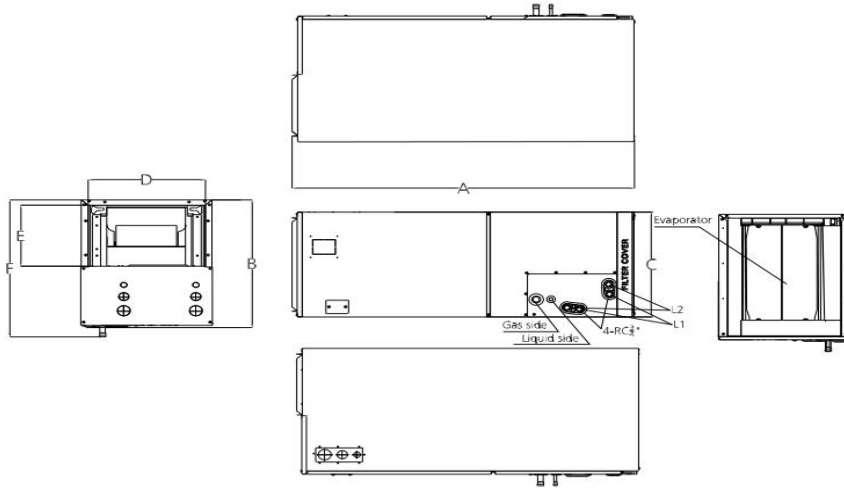
INDOOR UNIT DATA

Indoor fan motor		
Type		Centrifugal
Model		ZKFD-560-8-1
Qty		1
Input	(W)	235.0
RLA	(A)	---
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	-
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (N)	(CFM)	1282.35/1094.12/905.88
Indoor noise level (Hi/Med/Lo)	[dB(A)]	53/50/46
Dehumidification		
	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch)	21.02x21.02x49.02
	(mm)	534x534x1245
Packing(WxDxH)	(inch)	25.20x24.41x54.33
	(mm)	640x620x1380
Net/Gross weight	(lbs.)	59.2/70.9
	(kg)	130.51/156.31

OUTDOOR UNIT DATA

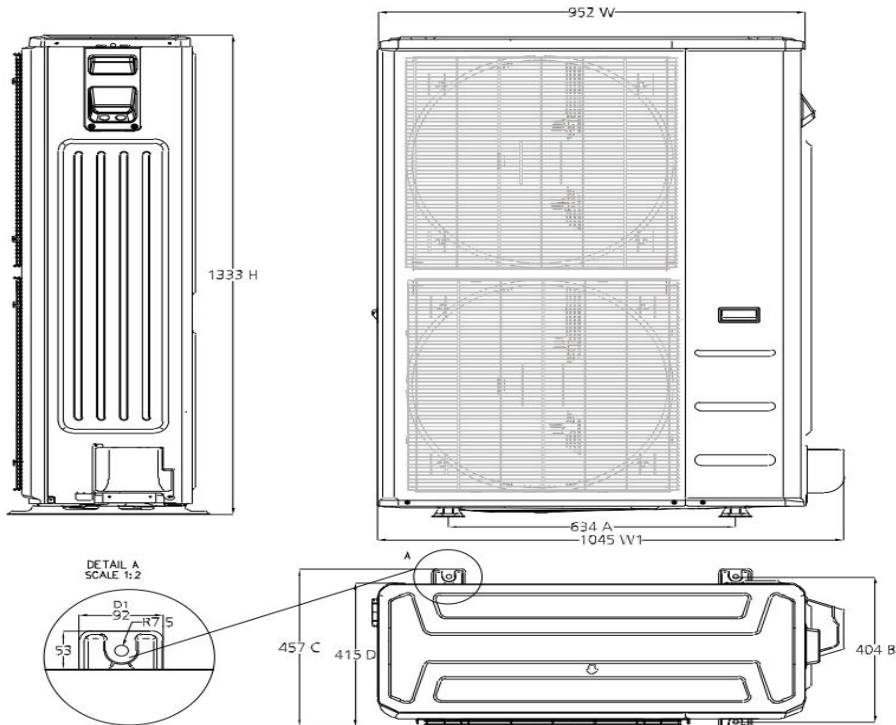
Compressor		
Type		ROTARY
Model		KTQ420D1UMU
Brand		GMCC
Capacity	(Btu/h)	44697
Input	(W)	3420
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	VG74/1400
Outdoor fan motor		
Model		ZKFN-85-8-22-5
Qty		2
Input	(W)	126.0
RLA	(A)	---
Speed	(r/min)	850/750/650
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	4500.00
Outdoor noise level	[dB(A)]	59
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.)	217.59/248.68
	(kg)	98.7/112.8

Indoor unit dimension

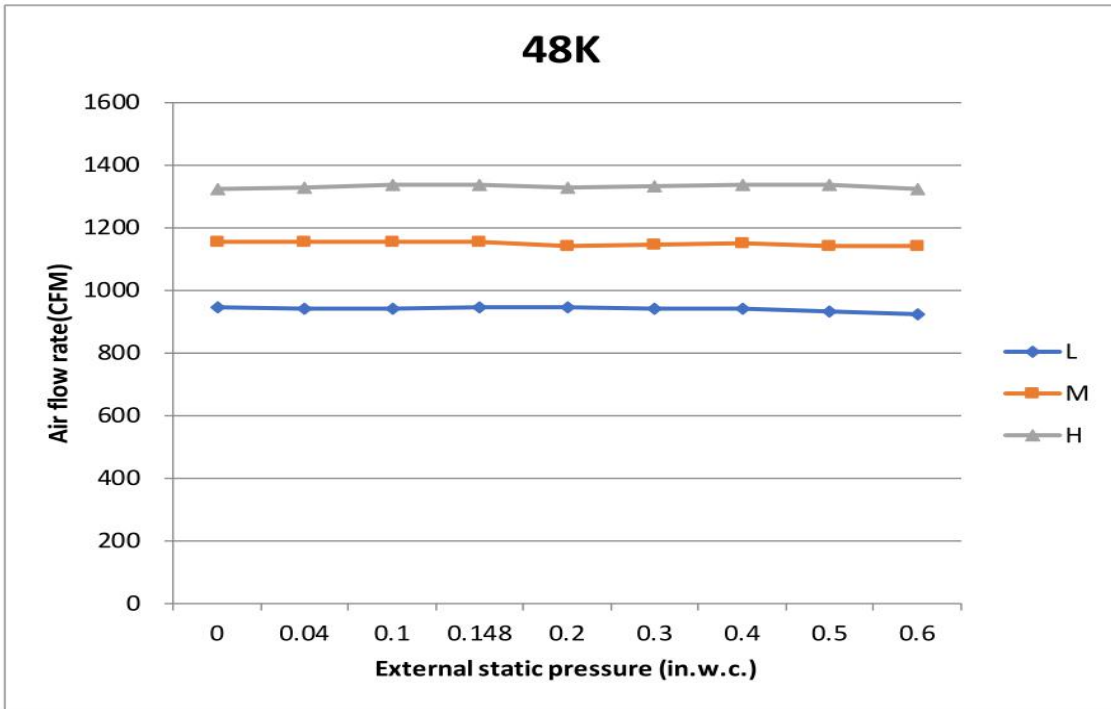


Model	Unit	Dimensions(mm)						Drain hole	
		A	B	C	D	E	F	L1	L2
18k~24k	mm	1143	534	445	400	260	585	Main drain	Overflow drain
	inch	45	21	17-1/2	15-3/4	10-1/4	23		
30k~48k	mm	1245	534	534	490	260	585		
	inch	49	21	21	19-5/16	10-1/4	23		
60k	mm	1346	534	622	580	260	585		
	inch	53	21	24-1/2	22-7/8	10-1/4	23		

Outdoor unit dimension



Fan performance



AHU Heat Pump System	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

Set Model	
Indoor unit model	AHU60-SG2
Outdoor unit model	CPR60CD(O)
Certified	AHRI  UL 



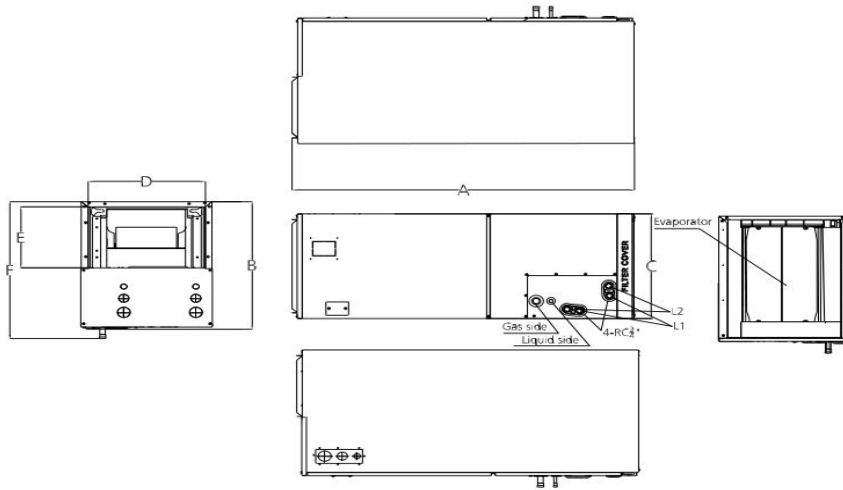
SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	34.0
Max.fuse	(A)	60.0
Connection wiring		16AWG*2 Stranded, shielded
Cooling		
Rated Capacity	(Btu/h)	57000
Capacity Range	(Btu/h)	4395-60200
Power Input	(W)	5644
Rated current	(A)	23.8
SEER	(Btu/W)	18
EER	(Btu/W)	10.3
Heating at 47F		
Rated Capacity	(Btu/h)	60000
Capacity Range	(Btu/h)	11400~63100
Power Input	(W)	4959
Rated current	(A)	20.9
HSPF4	(Btu/W)	9.2
HSPF5	(Btu/W)	7.6
COP	W/W	3.55

REFRIGERANT PIPE DATA		
Throttle type	Indoor unit	EEV for cooling
	Outdoor unit	EEV for heating
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/172.84
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.69
	(g/m)	65
Liquid side/ Gas side	(inch)	3/8" / 7/8"
	(mm)	9.52/22
Max. pipe length	(ft)	213.0
	(m)	65
Max. difference in level	(ft)	98.0
	(m)	30
Connection method	Flared	
Indoor(cooling/ heating)	(Deg. °F)	60~90/32~86
	(Deg. °C)	16~32/0~30
Outdoor(cooling/heating)	(Deg. °F)	5~122/5~75
	(Deg. °C)	-15~50/ -15~24
Application area	(sq.ft)	818.06~1194.79
	(m2)	76~111

INDOOR UNIT DATA		
Indoor fan motor		
Type	Centrifugal	
Model	ZKFD-750-8-1	
Qty	1	
Input	(W)	286.5
RLA	(A)	---
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	-
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (N)	(CFM)	1582.35/1358.82/1135.29
Indoor noise level (Hi/Med/Lo)	[dB(A)]	52.5/49/44
Dehumidification		
	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch)	21.02x24.49x52.99
	(mm)	534x622x1346
Packing(WxDxH)	(inch)	25.20x27.76x58.27
	(mm)	640x705x1480
Net/Gross weight	(lbs.)	73.8/86.5
	(kg)	162.70/190.70

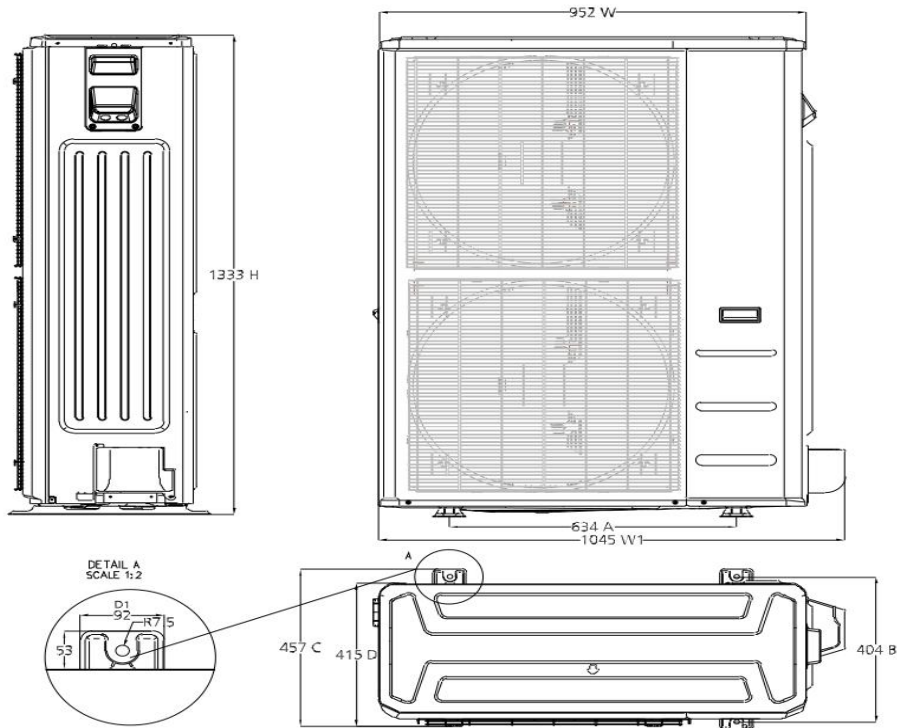
OUTDOOR UNIT DATA		
Compressor		
Type	ROTARY	
Model	KTQ420D1UMU	
Brand	GMCC	
Capacity	(Btu/h)	44697
Input	(W)	3420
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	VG74/1400
Outdoor fan motor		
Model	ZKFN-85-8-22-5	
Qty	2	
Input	(W)	126.0
RLA	(A)	-
Speed	(r/min)	900/850/650
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	4411.76
Outdoor noise level	[dB(A)]	61
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.)	217.15/248.46
	(kg)	98.5/112.7

Indoor unit dimension



Model	Unit	Dimensions(mm)						Drain hole	
		A	B	C	D	E	F	L1	L2
18k~24k	mm	1143	534	445	400	260	585	Main drain	Overflow drain
	inch	45	21	17-1/2	15-3/4	10-1/4	23		
30k-48k	mm	1245	534	534	490	260	585		
	inch	49	21	21	19-5/16	10-1/4	23		
60k	mm	1346	534	622	580	260	585		
	inch	53	21	24-1/2	22-7/8	10-1/4	23		

Outdoor unit dimension



Fan performance

