

Set Code	22023110000449
Indoor unit code	22023111000272
Outdoor unit code	22023116000103
Set Model	
Indoor unit model	DVC-48HWFN1-M
Outdoor unit model	DOE30U-48HFN1-MR0
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	14AWG*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)	9.52/19
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

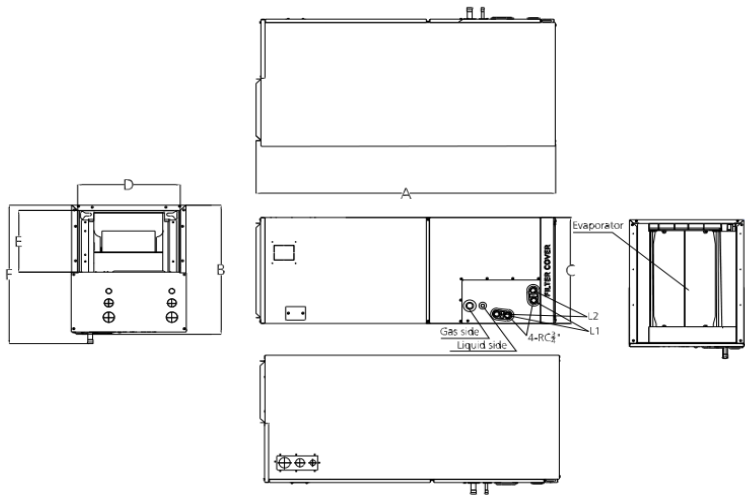
INDOOR UNIT DATA

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) (℔)	(CFM)	1282.35/1094.12/905.88
Indoor noise level (Hi/Med/Lc	[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

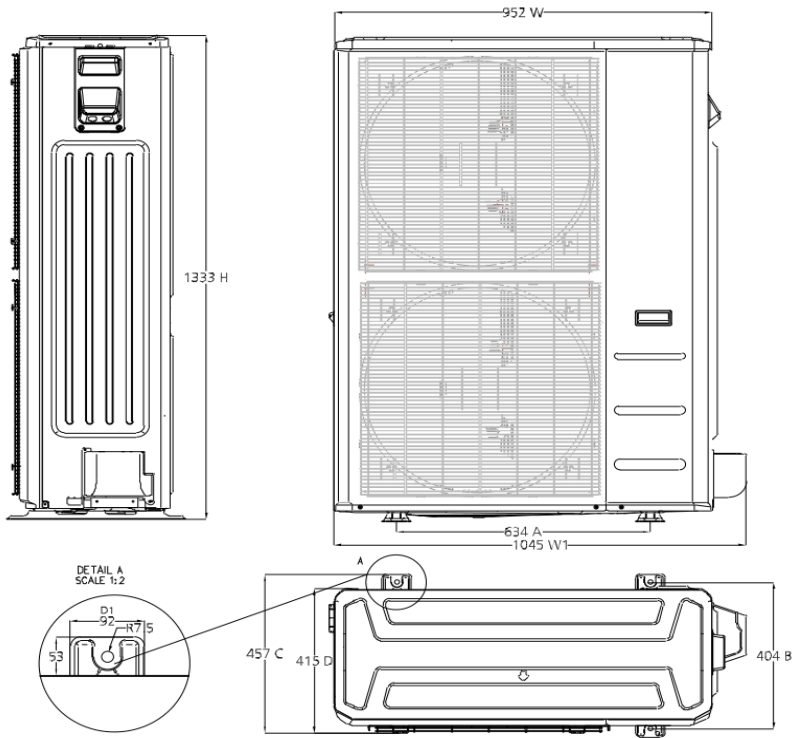
Compressor		
Type	ROTARY	
Model	KTQ420D1UMU	
Brand	GMCC	
Capacity	(Btu/h)	44697
Input	(W)	3420
Rated current (RLA)	(A)	-
Refrigerant oil/oil charge	(ml)	VG74/1400
Outdoor fan motor		
Model	ZKFN-85-8-22-5	
Qty	2	
Input	(W)	126.0
RLA	(A)	--
Speed	(r/min)	850/750/650
Air flow & Noise level		
Outdoor air 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

