Attribute Group	Attribute Name	Attribute Unit	22022510005625
BasicInformation	Product Number		22022510005625
	Indoor Product Number		22022511004516
	Outdoor Product Number		22022516002464
	Indoor Market Model		MCDHS-H36B-2A
	Outdoor Market Model		MOD30-36HFN10-M2
	Country/Area		United States
Power supply		V-Hz-Ph	208/230V,60Hz,1Ph
	Voltage range	V	187-253
NationalCertification	Cooling Capacity	Btu/h	36,000
	Cooling Input	W	3,720
	Cooling Current	A	16.4
	SEER2	Btu/h/W	20.0
	EER2	Btu/h/W	9.6
	Cooling Capacity Range	Btu/h	6,400~39,800
	Cooling Input (range)	W	560 ~ 4,360
	Cooling Current(range)	A	4.1 ~19.3
	Heating Capacity	Btu/h	38,000
	Heating Input	W	3,365
	Heating Current	A	15.0
	HSPF2-4	Btu/h/W	10.3
	HSPF2-5	Btu/h/W	7.9
	COP	W/W	3.31
	Heating Capacity Range	Btu/h	14,400~42,200
	Heating Input(range)	W	840 ~3,580
	Heating Current(range)	A	4.6 ~15.7
	Heating(H32) Rated capacity	Btu/h	26,800
	Heating(H32) COP	W/W	2.68
	Heating(H42) Rated capacity	Btu/h	26,600
	Heating(H42) COP	W/W	2.20
	Cooling at 109 F (43℃) Rated capacity	Btu/h	28,200
	Cooling at 5 F (-15℃)	Btu/h	45,500
	Heating at 17F (-8.33℃) Rated capacity	Btu/h	28,100
	Heating at 5F(-15℃) Rated capacity	Btu/h	26,600
	Heating at -4F (-20℃) Rated capacity	Btu/h	20,800
	Heating at -13F (-25℃) Rated capacity	Btu/h	16,500
	Heating at -22F (-30℃) Rated capacity	Btu/h	N/A
	Moisture removal	kg/h	4.23
	Indoor MINIMUM CIRCUIT AMPACITY	A	3.0
	Indoor MAX.FUSE	A	15.0
	Outdoor MINIMUM CIRCUIT AMPACITY	A	33.0
	Outdoor MAX.FUSE	A	35.0
	Connection wiring		AWG 14/3
	Communication wiring		AWG 20/2
	Indoor Indoor fan motor RLA	A	1.0
	Outdoor Outdoor fan motor RLA	A	1.4
	Outdoor Compressor Rated current(RLA	A	21.5
	Indoor Indoor air flow (Turbo/Hi/Mi/Lo/	m³/h	70 / 1610 / 1450 / 1280 / 11
	Indoor Indoor air flow (Turbo/Hi/Mi/Lo/	CFM	1042 / 948 / 854 / 753 / 659
	Indoor noise level (Turbo/Hi/Mi/Lo/Si)	dB(A)	54 / 53 / 47 / 40 / 37
	Outdoor Outdoor air flow	m³/h	4,100
	Outdoor Outdoor Air Flow(CFM)	CFM	2,413
	Outdoor noise level (Hi)	dB(A)	63.0
	N.A. Design pressure	PSI	550 / 340
	Outdoor Refrigerant type		R454B
	Outdoor Refrigerant charge	kg	2.6
	Outdoor Refrigerant charge	oz	92

Attribute Group	Attribute Name	Attribute Unit	22022510005625
BasicInformation	Product Number		22022510005625
	Indoor Product Number		22022511004516
	Outdoor Product Number		22022516002464
	Indoor Market Model		MCDHS-H36B-2A
	Outdoor Market Model		MOD30-36HFN10-M2
	Country/Area		United States
BasicParameter(NC)	Outdoor Additional charge per metre	g/m	30
	Outdoor Additional charge	oz/ft	0.32
	Outdoor Throttle type		EXV+Throttle valve
	Liquid side	mm(inch)	3/8" (9.52mm)
	Gas side	mm(inch)	3/4" (19mm)
	Max. refrigerant pipe length	m	75
	Max. Piping Length	ft	246
	Max. difference in level	m	30
	Max. Height Difference	ft	98
	Room temperature_Indoor(cooling)	℃	16～32
	Room temperature_Outdoor(cooling)	℃	-25～50
	Room temperature_Indoor(heating)	℃	0～30
	Room temperature_Outdoor(heating)	℃	-25～24
	Indoor Operating Temp. Range(Cooling)	℉	60～90
	Outdoor Operating Temp. Range(Cooling	℉	-13~122
	Indoor Operating Temp. Range(Heating)	℉	32-86
	Outdoor Operating Temp. Range(Heatin	℉	-13~75
Size/Weight	Indoor Item Net/Gross weight	kg	26.9 / 32.4
	Indoor Item Net/Gross weight	lb	59 / 71
	Indoor Body Dimension W×D×H	mm	830 × 830 × 245
	Indoor Unit Dimension WxDxH	inch	32-5/8 x 32-5/8 x 9-5/8
	Indoor Item Package Dimension(W×D×H	mm	910 × 910 × 290
	Indoor Package Dimension WxDxH	inch	35-7/8 x 35-7/8 x 11-3/8
	Outdoor Item Net/Gross weight	kg	69.1/73.7
	Outdoor Item Net/Gross weight	lb	152 / 162
	Outdoor Body Dimension W×D×H	mm	946 × 410 × 810
	Outdoor Unit Dimension WxDxH	inch	37-1/4 x 16-1/8 x 31-7/8
	Outdoor Item Package Dimension(W×D×	mm	1090 × 500 × 885
	Outdoor Package Dimension WxDxH	inch	42-7/8 x 19-5/8 x 34-7/8
ElectricalMotor	Indoor Indoor Fan Motor Model		ZKFN-125-8-1
	Indoor Output	W	125
	Indoor Motor Speed(Hi/Mi/Lo)	r/min	696/632/568
OutdoorElectricalMotor	Outdoor Outdoor Fan Motor Model		ZKFN-120-10-1L
	Outdoor Outdoor Fan Motor Output	W	120
	Outdoor Outdoor Fan Motor Speed(Hi/M	r/min	950/800/500
OutdoorElectricalMotor2	Outdoor Outdoor Fan Motor Model		N/A
	Outdoor Outdoor Fan Motor Output po	W	N/A
	Outdoor Outdoor Fan Motor Speed(Hi/M	r/min	N/A
Compressor	Outdoor Compressor Type		ROTARY
	Outdoor Compressor Model		KTF310D43UMT
	Outdoor Compressor Brand		GMCC
	Outdoor Compressor Capacity	W	10,010
	Outdoor Compressor Input Power	W	2,765
	Outdoor Compressor Rated current	A	5.4
	Outdoor Refrigerant oil		VG74
	Outdoor Refrigerant oil charge	mL	1,000

Attribute Group	Attribute Name	Attribute Unit	22022510005603
BasicInformation	Product Number		22022510005603
	Indoor Product Number		22022511004496
	Outdoor Product Number		22022516002442
	Indoor Market Model		MCDHS-H48B-2A
	Outdoor Market Model		MOE30-48HFN10-M2
	Country/Area		United States
Power supply		V-Hz-Ph	208/230V,60Hz,1Ph
	Voltage range	V	187-253
NationalCertification	Cooling Capacity	Btu/h	48,000
	Cooling Input	W	5,053
	Cooling Current	A	22.5
	SEER2	Btu/h/W	19
	EER2	Btu/h/W	9.5
	Cooling Capacity Range	Btu/h	10,600~50,400
	Cooling Input (range)	W	800 ~ 5,320
	Cooling Current(range)	A	5.7 ~23.4
	Heating Capacity	Btu/h	50,000
	Heating Input	W	4,950
	Heating Current	A	22.1
	HSPF2-4	Btu/h/W	9.9
	HSPF2-5	Btu/h/W	7.7
	COP	W/W	2.96
	Heating Capacity Range	Btu/h	19,900~61,700
	Heating Input(range)	W	1140 ~5,940
	Heating Current(range)	A	6.2 ~26.0
	Heating(H32) Rated capacity	Btu/h	36,600
	Heating(H32) COP	W/W	2.24
	Heating(H42) Rated capacity	Btu/h	40,500
	Heating(H42) COP	W/W	2.11
	Cooling at 109 F (43℃) Rated capacity	Btu/h	40,400
	Cooling at 5 F (-15℃)	Btu/h	60,000
	Heating at 17F (-8.33℃) Rated capacity	Btu/h	44,600
	Heating at 5F(-15℃) Rated capacity	Btu/h	40,500
	Heating at -4F (-20℃) Rated capacity	Btu/h	32,100
	Heating at -13F (-25℃) Rated capacity	Btu/h	25,300
	Heating at -22F (-30℃) Rated capacity	Btu/h	N/A
	Moisture removal	kg/h	6.27
	Indoor MINIMUM CIRCUIT AMPACITY	A	3.0
	Indoor MAX.FUSE	A	15.0
	Outdoor MINIMUM CIRCUIT AMPACITY	A	39.0
	Outdoor MAX.FUSE	A	40.0
	Connection wiring		AWG 14/3
	Communication wiring		AWG 20/2
	Indoor Indoor fan motor RLA	A	1.0
	Outdoor Outdoor fan motor RLA	A	1.2
	Outdoor Compressor Rated current(RLA	A	24
	Indoor Indoor air flow (Turbo/Hi/Mi/Lo/	m³/h	)0 / 1910 / 1730 / 1360 / 11
	Indoor Indoor air flow (Turbo/Hi/Mi/Lo/	CFM	236 / 1124 / 1018 / 801 / 68
	Indoor noise level (Turbo/Hi/Mi/Lo/Si)	dB(A)	56 / 53 / 50 / 43 / 39
	Outdoor Outdoor air flow	m³/h	7,200
	Outdoor Outdoor Air Flow(CFM)	CFM	4,238
	Outdoor noise level (Hi)	dB(A)	62.5
	N.A. Design pressure	PSI	550 / 340
	Outdoor Refrigerant type		R454B
	Outdoor Refrigerant charge	kg	3.6
	Outdoor Refrigerant charge	oz	127

Attribute Group	Attribute Name	Attribute Unit	22022510005603
BasicInformation	Product Number		22022510005603
	Indoor Product Number		22022511004496
	Outdoor Product Number		22022516002442
	Indoor Market Model		MCDHS-H48B-2A
	Outdoor Market Model		MOE30-48HFN10-M2
	Country/Area		United States
BasicParameter(NC)	Outdoor Additional charge per metre	g/m	30
	Outdoor Additional charge	oz/ft	0.32
	Outdoor Throttle type		EXV+Throttle valve
	Liquid side	mm(inch)	3/8" (9.52mm)
	Gas side	mm(inch)	3/4" (19mm)
	Max. refrigerant pipe length	m	75
	Max. Piping Length	ft	246
	Max. difference in level	m	30
	Max. Height Difference	ft	98
	Room temperature_Indoor(cooling)	℃	16～32
	Room temperature_Outdoor(cooling)	℃	-25～50
	Room temperature_Indoor(heating)	℃	0～30
	Room temperature_Outdoor(heating)	℃	-25～24
	Indoor Operating Temp. Range(Cooling)	℉	60～90
	Outdoor Operating Temp. Range(Cooling	℉	-13~122
	Indoor Operating Temp. Range(Heating)	℉	32-86
	Outdoor Operating Temp. Range(Heatin	℉	-13~75
Size/Weight	Indoor Item Net/Gross weight	kg	29.3 / 34.5
	Indoor Item Net/Gross weight	lb	65 / 76
	Indoor Body Dimension W×D×H	mm	830 × 830 × 287
	Indoor Unit Dimension WxDxH	inch	32-5/8 x 32-5/8 x 11-1/4
	Indoor Item Package Dimension(W×D×H	mm	910 × 910 × 330
	Indoor Package Dimension WxDxH	inch	35-7/8 x 35-7/8 x 13
	Outdoor Item Net/Gross weight	kg	94.7/108.8
	Outdoor Item Net/Gross weight	lb	209 / 240
	Outdoor Body Dimension W×D×H	mm	952 × 415 × 1333
	Outdoor Unit Dimension WxDxH	inch	37-1/2 x 16-3/8 x 52-1/2
	Outdoor Item Package Dimension(W×D×	mm	1095 × 495 × 1460
	Outdoor Package Dimension WxDxH	inch	43-1/8 x 19-1/2 x 57-1/2
ElectricalMotor	Indoor Indoor Fan Motor Model		ZKFN-125-8-1
	Indoor Output	W	125
	Indoor Motor Speed(Hi/Mi/Lo)	r/min	720/660/580
OutdoorElectricalMotor	Outdoor Outdoor Fan Motor Model		ZKFN-85-10-1L
	Outdoor Outdoor Fan Motor Output	W	85
	Outdoor Outdoor Fan Motor Speed(Hi/M	r/min	850/750/650
OutdoorElectricalMotor2	Outdoor Outdoor Fan Motor Model		ZKFN-85-10-1L
	Outdoor Outdoor Fan Motor Output po	W	85
	Outdoor Outdoor Fan Motor Speed(Hi/M	r/min	850/750/650
Compressor	Outdoor Compressor Type		ROTARY
	Outdoor Compressor Model		KTQ420D1UMU
	Outdoor Compressor Brand		GMCC
	Outdoor Compressor Capacity	W	13,700
	Outdoor Compressor Input Power	W	3,700
	Outdoor Compressor Rated current	A	7.0
	Outdoor Refrigerant oil		VG74
	Outdoor Refrigerant oil charge	mL	1,400

Attribute Group	Attribute Name	Attribute Unit	
BasicInformation	Product Number		
	Indoor Product Number		
	Outdoor Product Number		
	Indoor Market Model		
	Outdoor Market Model		
	Country/Area		
Power supply		V-Hz-Ph	
	Voltage range	V	
NationalCertification	Cooling Capacity	Btu/h	
	Cooling Input	W	
	Cooling Current	A	
	SEER2	Btu/h/W	
	EER2	Btu/h/W	
	Cooling Capacity Range	Btu/h	
	Cooling Input (range)	W	
	Cooling Current(range)	A	
	Heating Capacity	Btu/h	
	Heating Input	W	
	Heating Current	A	
	HSPF2-4	Btu/h/W	
	HSPF2-5	Btu/h/W	
	COP	W/W	
	Heating Capacity Range	Btu/h	
	Heating Input(range)	W	
	Heating Current(range)	A	
	Heating(H32) Rated capacity	Btu/h	
	Heating(H32) COP	W/W	
	Heating(H42) Rated capacity	Btu/h	
	Heating(H42) COP	W/W	
	Cooling at 109 F (43℃) Rated capacity	Btu/h	
	Cooling at 5 F (-15℃)	Btu/h	
	Heating at 17F (-8.33℃) Rated capacity	Btu/h	
	Heating at 5F(-15℃) Rated capacity	Btu/h	
	Heating at -4F (-20℃) Rated capacity	Btu/h	
	Heating at -13F (-25℃) Rated capacity	Btu/h	
	Heating at -22F (-30℃) Rated capacity	Btu/h	
	Moisture removal	kg/h	
	Indoor MINIMUM CIRCUIT AMPACITY	A	
	Indoor MAX.FUSE	A	
	Outdoor MINIMUM CIRCUIT AMPACITY	A	
	Outdoor MAX.FUSE	A	
	Connection wiring		
	Communication wiring		
	Indoor Indoor fan motor RLA	A	
	Outdoor Outdoor fan motor RLA	A	
	Outdoor Compressor Rated current(RLA	A	
	Indoor Indoor air flow (Turbo/Hi/Mi/Lo/	m³/h	.70
	Indoor Indoor air flow (Turbo/Hi/Mi/Lo/	CFM	9
	Indoor noise level (Turbo/Hi/Mi/Lo/Si)	dB(A)	
	Outdoor Outdoor air flow	m³/h	
	Outdoor Outdoor Air Flow(CFM)	CFM	
	Outdoor noise level (Hi)	dB(A)	
	N.A. Design pressure	PSI	
	Outdoor Refrigerant type		
	Outdoor Refrigerant charge	kg	
	Outdoor Refrigerant charge	oz	

Attribute Group	Attribute Name	Attribute Unit
BasicInformation	Product Number	
	Indoor Product Number	
	Outdoor Product Number	
	Indoor Market Model	
	Outdoor Market Model	
	Country/Area	
BasicParameter(NC)	Outdoor Additional charge per metre	g/m
	Outdoor Additional charge	oz/ft
	Outdoor Throttle type	
	Liquid side	mm(inch)
	Gas side	mm(inch)
	Max. refrigerant pipe length	m
	Max. Piping Length	ft
	Max. difference in level	m
	Max. Height Difference	ft
	Room temperature_Indoor(cooling)	℃
	Room temperature_Outdoor(cooling)	℃
	Room temperature_Indoor(heating)	℃
	Room temperature_Outdoor(heating)	℃
	Indoor Operating Temp. Range(Cooling)	℉
	Outdoor Operating Temp. Range(Cooling	℉
	Indoor Operating Temp. Range(Heating)	℉
	Outdoor Operating Temp. Range(Heatin	℉
Size/Weight	Indoor Item Net/Gross weight	kg
	Indoor Item Net/Gross weight	lb
	Indoor Body Dimension W×D×H	mm
	Indoor Unit Dimension WxDxH	inch
	Indoor Item Package Dimension(W×D×H	mm
	Indoor Package Dimension WxDxH	inch
	Outdoor Item Net/Gross weight	kg
	Outdoor Item Net/Gross weight	lb
	Outdoor Body Dimension W×D×H	mm
	Outdoor Unit Dimension WxDxH	inch
	Outdoor Item Package Dimension(W×D×	mm
	Outdoor Package Dimension WxDxH	inch
ElectricalMotor	Indoor Indoor Fan Motor Model	
	Indoor Output	W
	Indoor Motor Speed(Hi/Mi/Lo)	r/min
OutdoorElectricalMotor	Outdoor Outdoor Fan Motor Model	
	Outdoor Outdoor Fan Motor Output	W
	Outdoor Outdoor Fan Motor Speed(Hi/M	r/min
OutdoorElectricalMotor2	Outdoor Outdoor Fan Motor Model	
	Outdoor Outdoor Fan Motor Output po	W
	Outdoor Outdoor Fan Motor Speed(Hi/M	r/min
Compressor	Outdoor Compressor Type	
	Outdoor Compressor Model	
	Outdoor Compressor Brand	
	Outdoor Compressor Capacity	W
	Outdoor Compressor Input Power	W
	Outdoor Compressor Rated current	A
	Outdoor Refrigerant oil	
	Outdoor Refrigerant oil charge	mL