Attribute Group	Attribute Name	Attribute Unit	22022710004238
BasicInformation	Product Number		22022710004238
	Indoor Product Number		22022711003056
	Outdoor Product Number		22022516002464
	Indoor Market Model		MFBHS-H36B-2A
	Outdoor Market Model		MO1BU-H36B-2A
	Country/Area		United States
Power supply		V-Hz-Ph	208 / 230 V,60 Hz,1 Ph
	Voltage range	V	187-253
NationalCertification	Cooling Capacity	Btu/h	36,000
	Cooling Input	W	3,529
	Cooling Current	A	15.3
	SEER2	Btu/h/W	20
	EER2	Btu/h/W	10.1
	Cooling Capacity Range	Btu/h	7,300~39,500
	Cooling Input (range)	W	560~4,180
	Cooling Current(range)	A	4.2~18.4
	Heating Capacity	Btu/h	38,000
	Heating Input	W	3,334
	Heating Current	A	14.3
	HSPF2-4	Btu/h/W	10
	HSPF2-5	Btu/h/W	7.7
	COP	W/W	3.34
	Heating Capacity Range	Btu/h	14,100~40,400
	Heating Input(range)	W	855~3,500
	Heating Current(range)	A	4.7~15.3
	Heating(H32) Rated capacity	Btu/h	26,400
	Heating(H32) COP	W/W	2.68
	Heating(H42) Rated capacity	Btu/h	26,000
	Heating(H42) COP	W/W	2.17
	Cooling at 109 F (43℃) Rated capacity	Btu/h	29,500
	Cooling at 5 F (-15℃)	Btu/h	46,500
	Heating at 17F (-8.33℃) Rated capacity	Btu/h	30,900
	Heating at 5F(-15℃) Rated capacity	Btu/h	26,000
	Heating at -4F (-20℃) Rated capacity	Btu/h	24,100
	Heating at -13F (-25℃) Rated capacity	Btu/h	20,400
	Heating at -22F (-30℃) Rated capacity	Btu/h	N/A
	Moisture removal	kg/h	3.23
	Indoor MINIMUM CIRCUIT AMPACITY	A	3
	Indoor MAX.FUSE	A	15
	Outdoor MINIMUM CIRCUIT AMPACITY	A	33
	Outdoor MAX.FUSE	A	35
	Connection wiring		AWG 14/3
	Communication wiring		AWG 20/2
	Indoor Indoor fan motor RLA	A	1
	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	30 / 1850 / 1680 / 1300 / 11
	Indoor Indoor air flow (Turbo/Hi/Mi/Lo/	CFM	224 / 1089 / 989 / 765 / 65
	Indoor noise level (Turbo/Hi/Mi/Lo/Si)	dB(A)	51 / 49 / 45 / 37 / 33
	Outdoor Outdoor air flow	m³/h	4,100
	Outdoor Outdoor Air Flow(CFM)	CFM	2,413
	Outdoor noise level (Hi)	dB(A)	64
	N.A. Design pressure	PSI	550 / 340

Attribute Group	Attribute Name	Attribute Unit	22022710004238
BasicInformation	Product Number		22022710004238
	Indoor Product Number		22022711003056
	Outdoor Product Number		22022516002464
	Indoor Market Model		MFBHS-H36B-2A
	Outdoor Market Model		MO1BU-H36B-2A
	Country/Area		United States
BasicParameter(NC)	Outdoor Refrigerant type		R454B
	Outdoor Refrigerant charge	kg	2.6
	Outdoor Refrigerant charge	oz	92
	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" (9.52 mm)
	Gas side	mm(inch)	3/4" (19 mm)
	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	40.3 / 47.6
	Indoor Item Net/Gross weight	lb	89 / 105
	Indoor Body Dimension W×D×H	mm	1650 × 675 × 235
	Indoor Unit Dimension WxDxH	inch	65 x 26-5/8 x 9-1/4
	Indoor Item Package Dimension(W×D×H	mm	1725 × 755 × 318
	Indoor Package Dimension WxDxH	inch	67-7/8 x 29-3/4 x 12-1/2
	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-90-8-1
	Indoor Output	W	90
	Indoor Motor Speed(Hi/Mi/Lo)	r/min	1120/1040/880
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

Attribute Group	Attribute Name	Attribute Unit	22022710004238
BasicInformation	Product Number		22022710004238
	Indoor Product Number		22022711003056
	Outdoor Product Number		22022516002464
	Indoor Market Model		MFBHS-H36B-2A
	Outdoor Market Model		MO1BU-H36B-2A
	Country/Area		United States
	Outdoor Refrigerant oil		VG74
	Outdoor Refrigerant oil charge	mL	1,000

Attribute Group	Attribute Name	Attribute Unit	22022710004296
BasicInformation	Product Number		22022710004296
	Indoor Product Number		22022711003096
	Outdoor Product Number		22022516002442
	Indoor Market Model		MFBHS-H48B-2A
	Outdoor Market Model		MO1BU-H48B-2A
	Country/Area		United States
Power supply		V-Hz-Ph	208 / 230 V,60 Hz,1 Ph
	Voltage range	V	187-253
NationalCertification	Cooling Capacity	Btu/h	48,000
	Cooling Input	W	5,053
	Cooling Current	A	22
	SEER2	Btu/h/W	19.8
	EER2	Btu/h/W	9.5
	Cooling Capacity Range	Btu/h	10,100~50,000
	Cooling Input (range)	W	830~5,280
	Cooling Current(range)	A	5.9~23.1
	Heating Capacity	Btu/h	50,000
	Heating Input	W	5,196
	Heating Current	A	22.6
	HSPF2-4	Btu/h/W	10.2
	HSPF2-5	Btu/h/W	7.8
	COP	W/W	2.82
	Heating Capacity Range	Btu/h	15,800~59,100
	Heating Input(range)	W	575~5,860
	Heating Current(range)	A	6.3~25.7
	Heating(H32) Rated capacity	Btu/h	39,500
	Heating(H32) COP	W/W	2.4
	Heating(H42) Rated capacity	Btu/h	38,500
	Heating(H42) COP	W/W	1.95
	Cooling at 109 F (43℃) Rated capacity	Btu/h	41,100
	Cooling at 5 F (-15℃)	Btu/h	48,000
	Heating at 17F (-8.33℃) Rated capacity	Btu/h	45,100
	Heating at 5F(-15℃) Rated capacity	Btu/h	38,500
	Heating at -4F (-20℃) Rated capacity	Btu/h	34,300
	Heating at -13F (-25℃) Rated capacity	Btu/h	27,900
	Heating at -22F (-30℃) Rated capacity	Btu/h	N/A
	Moisture removal	kg/h	5.95
	Indoor MINIMUM CIRCUIT AMPACITY	A	3
	Indoor MAX.FUSE	A	15
	Outdoor MINIMUM CIRCUIT AMPACITY	A	39
	Outdoor MAX.FUSE	A	40
	Connection wiring		AWG 14/3
	Communication wiring		AWG 20/2
	Indoor Indoor fan motor RLA	A	1
	Outdoor Outdoor fan motor RLA	A	1.2
	Outdoor Compressor Rated current(RLA	A	24
	Indoor Indoor air flow (Turbo/Hi/Mi/Lo/	m^3/h	2300 / 2100 / 1840 / 1360 / 1130
	Indoor Indoor air flow (Turbo/Hi/Mi/Lo/	CFM	1354 / 1236 / 1083 / 801 / 665
	Indoor noise level (Turbo/Hi/Mi/Lo/Si)	dB(A)	53 / 53 / 49 / 39 / 35
	Outdoor Outdoor air flow	m^3/h	7,200
	Outdoor Outdoor Air Flow(CFM)	CFM	4,238
	Outdoor noise level (Hi)	dB(A)	63
	N.A. Design pressure	PSI	550 / 340

Attribute Group	Attribute Name	Attribute Unit	22022710004296
BasicInformation	Product Number		22022710004296
	Indoor Product Number		22022711003096
	Outdoor Product Number		22022516002442
	Indoor Market Model		MFBHS-H48B-2A
	Outdoor Market Model		MO1BU-H48B-2A
	Country/Area		United States
BasicParameter(NC)	Outdoor Refrigerant type		R454B
	Outdoor Refrigerant charge	kg	3.6
	Outdoor Refrigerant charge	oz	127
	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" (9.52 mm)
	Gas side	mm(inch)	3/4" (19 mm)
	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	40.4 / 47.7
	Indoor Item Net/Gross weight	lb	89 / 105
	Indoor Body Dimension W×D×H	mm	1650 × 675 × 235
	Indoor Unit Dimension WxDxH	inch	65 x 26-5/8 x 9-1/4
	Indoor Item Package Dimension(W×D×H	mm	1725 × 755 × 318
	Indoor Package Dimension WxDxH	inch	67-7/8 x 29-3/4 x 12-1/2
	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-90-8-1
	Indoor Output	W	90
	Indoor Motor Speed(Hi/Mi/Lo)	r/min	1210/1120/940
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 pov	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

Attribute Group	Attribute Name	Attribute Unit	22022710004296
BasicInformation	Product Number		22022710004296
	Indoor Product Number		22022711003096
	Outdoor Product Number		22022516002442
	Indoor Market Model		MFBHS-H48B-2A
	Outdoor Market Model		MO1BU-H48B-2A
	Country/Area		United States
	Outdoor Refrigerant oil		VG74
	Outdoor Refrigerant oil charge	mL	1,400

Attribute Group	Attribute Name	Attribute Unit	22022710004277
BasicInformation	Product Number		22022710004277
	Indoor Product Number		22022711003076
	Outdoor Product Number		22022716002016
	Indoor Market Model		MFBHS-H60B-2A
	Outdoor Market Model		MO1BU-H60B-2A
	Country/Area		United States
Power supply		V-Hz-Ph	208 / 230 V,60 Hz,1 Ph
	Voltage range	V	187-253
NationalCertification	Cooling Capacity	Btu/h	54,000
	Cooling Input	W	5,625
	Cooling Current	A	24.6
	SEER2	Btu/h/W	19.5
	EER2	Btu/h/W	9.5
	Cooling Capacity Range	Btu/h	15,000~54,500
	Cooling Input (range)	W	1,400~6,050
	Cooling Current(range)	A	6.1~26.6
	Heating Capacity	Btu/h	60,000
	Heating Input	W	5,765
	Heating Current	A	26.2
	HSPF2-4	Btu/h/W	9.5
	HSPF2-5	Btu/h/W	7.2
	COP	W/W	3.05
	Heating Capacity Range	Btu/h	20,200~60,000
	Heating Input(range)	W	1,150~5,765
	Heating Current(range)	A	6.2~26.2
	Heating(H32) Rated capacity	Btu/h	37,200
	Heating(H32) COP	W/W	2.53
	Heating(H42) Rated capacity	Btu/h	35,000
	Heating(H42) COP	W/W	2.01
	Cooling at 109 F (43℃) Rated capacity	Btu/h	41,200
	Cooling at 5 F (-15℃)	Btu/h	60,500
	Heating at 17F (-8.33℃) Rated capacity	Btu/h	45,300
	Heating at 5F(-15℃) Rated capacity	Btu/h	35,000
	Heating at -4F (-20℃) Rated capacity	Btu/h	29,500
	Heating at -13F (-25℃) Rated capacity	Btu/h	23,300
	Heating at -22F (-30℃) Rated capacity	Btu/h	N/A
	Moisture removal	kg/h	7.48
	Indoor MINIMUM CIRCUIT AMPACITY	A	3
	Indoor MAX.FUSE	A	15
	Outdoor MINIMUM CIRCUIT AMPACITY	A	42
	Outdoor MAX.FUSE	A	45
	Connection wiring		AWG 14/3
	Communication wiring		AWG 20/2
	Indoor Indoor fan motor RLA	A	2
	Outdoor Outdoor fan motor RLA	A	2.2
	Outdoor Compressor Rated current(RLA	A	25
	Indoor Indoor air flow (Turbo/Hi/Mi/Lo/	m^3/h	2320 / 2100 / 1900 / 1500 / 1320
	Indoor Indoor air flow (Turbo/Hi/Mi/Lo/	CFM	1366 / 1236 / 1118 / 883 / 777
	Indoor noise level (Turbo/Hi/Mi/Lo/Si)	dB(A)	55 / 55 / 50 / 42 / 39
	Outdoor Outdoor air flow	m^3/h	7,200
	Outdoor Outdoor Air Flow(CFM)	CFM	4,238
	Outdoor noise level (Hi)	dB(A)	64
	N.A. Design pressure	PSI	550 / 340

Attribute Group	Attribute Name	Attribute Unit	22022710004277
BasicInformation	Product Number		22022710004277
	Indoor Product Number		22022711003076
	Outdoor Product Number		22022716002016
	Indoor Market Model		MFBHS-H60B-2A
	Outdoor Market Model		MO1BU-H60B-2A
	Country/Area		United States
BasicParameter(NC)	Outdoor Refrigerant type		R454B
	Outdoor Refrigerant charge	kg	4.1
	Outdoor Refrigerant charge	oz	145
	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" (9.52 mm)
	Gas side	mm(inch)	3/4" (19 mm)
	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	43.2 / 50.5
	Indoor Item Net/Gross weight	lb	95 / 111
	Indoor Body Dimension W×D×H	mm	1650 × 675 × 235
	Indoor Unit Dimension WxDxH	inch	65 x 26-5/8 x 9-1/4
	Indoor Item Package Dimension(W×D×H	mm	1725 × 755 × 318
	Indoor Package Dimension WxDxH	inch	67-7/8 x 29-3/4 x 12-1/2
	Outdoor Item Net/Gross weight	kg	95 / 108.9
	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-160-8-1-2
	Indoor Output	W	160
	Indoor Motor Speed(Hi/Mi/Lo)	r/min	1290/1180/960
OutdoorElectricalMotor	Outdoor Outdoor Fan Motor Model		ZKFN-85-8-22-5
	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-85-8-22-5
	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

Attribute Group	Attribute Name	Attribute Unit	22022710004277
BasicInformation	Product Number		22022710004277
	Indoor Product Number		22022711003076
	Outdoor Product Number		22022716002016
	Indoor Market Model		MFBHS-H60B-2A
	Outdoor Market Model		MO1BU-H60B-2A
	Country/Area		United States
	Outdoor Refrigerant oil		VG74
	Outdoor Refrigerant oil charge	mL	1,400