

TECHNICAL DATA

R410A

Outdoor unit
[Model Name]

[Service Ref.]

SUZ-KA09NA2
SUZ-KA09NAH2

SUZ-KA09NA2.MX

SUZ-KA09NAH2.MX

SUZ-KA12NA2
SUZ-KA12NAH2

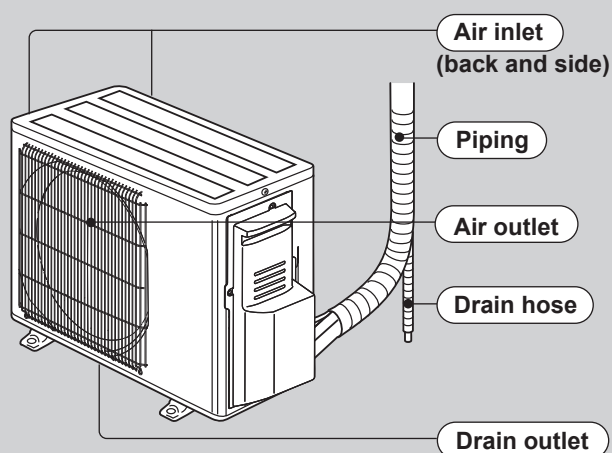
SUZ-KA12NA2.MX

SUZ-KA12NAH2.MX

SUZ-KA15NA2
SUZ-KA15NAH2

SUZ-KA15NA2.MX

SUZ-KA15NAH2.MX



SUZ-KA09NA(H)2.MX

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SUZ-KA09NA(H)2.MX SUZ-KA12NA(H)2.MX SUZ-KA15NA(H)2.MX (SLZ Combination)

Model name	Indoor unit		SLZ-KF09NA	SLZ-KF12NA	SLZ-KF15NA	
	Outdoor unit		SUZ-KA09NA(H)2	SUZ-KA12NA(H)2	SUZ-KA15NA(H)2	
Cooling	Rated Capacity	Btu/h	9000	12000	14100	
	Capacity Range	Btu/h	3600-9000	3900-12000	5100-14100	
	Total input	W	670	900	1150	
	Energy Efficiency	EER		13.4	13.3	12.2
		SEER		22.4	22.0	19.8
	Moisture Removal	Pints/h		1.0	2.8	3.2
	Sensible Heat Factor			0.87	0.74	0.75
Heating at 47°F	Rated Capacity	Btu/h	11000	13000	18000	
	Capacity Range	Btu/h	4010-12000	4800-13000	5100-19100	
	Total input	W	810	1310	1730	
	HSPF(Region IV)	Btu/h/W	12.2(11.5)	11.4(10.9)	11.2(10.9)	
	Rated Capacity	Btu/h	6900	8900	11900	
Heating at 17°F	Rated Total input	W	810(940)	1130(1260)	1290(1420)	
	Maximum Capacity	Btu/h	6900	8900	11900	
	Maximum Total Input	W	810(940)	1130(1260)	1290(1420)	
Power supply	Voltage, Phase, Cycle		208/230V, 1-phase, 60Hz			
Voltage	Indoor - Outdoor S1-S2		AC 208/230V			
	Indoor - Outdoor S2-S3		DC12-24V			
	Indoor - Remote controller		DC12V			
Indoor unit	MCA	A	0.25	0.3	0.4	
	Fan Motor	F.L.A	0.2	0.24	0.32	
	Fan Motor Output	W	50			
	Air flow (Lo-Mid-Hi)	DRY(CMM)	230-265-300	230-280-335	245-315-405	
		WET(CMM)	207-239-270	207-252-302	221-284-365	
	External Static Pressure	in WG	0			
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	25-28-31	25-30-34	27-34-39	
	External Finish Color	Munsell 1.0Y 9.2/0.2				
	Dimensions	W: in	22-7/16			
		D: in	22-7/16			
		H: in	8-3/16			
	Weight Unit	lbs	30.6			
	Field Drainpipe O.D.	in	O.D. 1-1/4			
	Refrigerant pipe Gas	in	3/8		1/2	
Refrigerant pipe Liquid	in		1/4			
Outdoor unit	MCA	A	9		10	
	MOCP	A	15	16	18	
	Fan Motor	F.L.A.	0.50			
	Compressor	Model(Type)	DC INVERTER-driven	DC INVERTER-driven Twin Rotary		
		R.L.A.	6.2	6.6	7.4	
		L.R.A.	7.7	8.2	9.3	
	Air flow (Cooling/Heating)	CFM	(1,229/1,172)	(1,229/1,172)	(1,243/1,229)	
	Refrigerant Control	Linear Expansion Valve				
	Defrost Method	Reverse Cycle				
	SPL (Cooling)	dB (A)	48	49		
	SPL (Heating)	dB (A)	50	51		
	External Finish Color	Munsell No.3Y 7.8/1.1				
	Dimension	W: in	31-1/2			
		D: in	11-1/4			
H: in		21-5/8				
Weight	lbs	81				
Remote Controller	Type	Wired Remote Controller				
Refrigerant	Type	R410A				
	Charge	lbs, oz	2,5	2,9		
	Oil	Type(Fl.oz.)	FV50S(9.1)	FV50S(11.8)		
Refrigerant Pipe	Gas side O.D.	in	3/8		1/2	
	Liquid side O.D.	in		1/4		
	Height Difference (Max)	ft	40			
	Length (Max.)	ft	65			
Connection Method	Indoor/Outdoor	FI ared/Flared				
Operation Guarantee	Cooling	°F	14 - 115			
	Heating	°F	-4 - 75			

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C (80°F), W.B. 19.4°C (67°F) Outdoor : D.B. 35°C (95°F), W.B. 23.9°C (75°F)
(heating)-Indoor : D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor : D.B. 8.3°C (47°F), W.B. 6.1°C (43°F)
*2.Rating conditions(heating)-Indoor : D.B. 21.1°C (70°F), W.B. 15.6°C (60°F) Outdoor : D.B. -8.3°C (17°F), W.B. -9.4°C (15°F)

Operating range

		Indoor intake air temperature		Outdoor intake air temperature	
		D.B.	W.B.	D.B.	W.B.
Cooling	Maximum	35°C (95°F)	21.7°C (71°F)	46°C (115°F)	
	Minimum	19.4°C (67°F)	13.9°C (57°F)	-10°C (14°F)	
Heating	Maximum	26.7°C (80°F)	19.4°C (67°F)	24°C (75°F), W.B. 18°C (65°F)	
	Minimum	21.1°C (70°F)	15.6°C (60°F)	-20°C (-4°F), W.B. -21°C (-5°F)	

SUZ-KA09NA(H)2.MX SUZ-KA12NA(H)2.MX SUZ-KA15NA(H)2.MX (SEZ, SVZ Combination)

Model name	Indoor unit		SEZ-KD09NA4	SEZ-KD12NA4	SEZ-KD15NA4	SVZ-KP12NA	
	Outdoor unit		SUZ-KA09NA(H)2	SUZ-KA12NA(H)2	SUZ-KA15NA(H)2	SUZ-KA12NA(H)2	
Cooling	Rated Capacity	Btu/h	9000	12000	15000	12000	
	Capacity Range	Btu/h	3900-9000	4000-12000	5200-15000	4300-12000	
	Total input	W	700	930	1150	940	
	Energy Efficiency	EER		12.8	12.9	13.0	12.7
		SEER		18.8	20.5	19.0	18.0
	Moisture Removal	Pints/h	1.5	1.9	1.9	1.2	
	Sensible Heat Factor		0.82	0.82	0.86	0.89	
Heating at 47°F	Rated Capacity	Btu/h	12000	15000	18000	15000	
	Capacity Range	Btu/h	4200-12800	4800-16800	5000-21600	4700-16700	
	Total input	W	1100	1330	1440	1210	
	HSPF(Region IV)	Btu/h/W	11.0(10.4)	12.4(11.8)	11.4(11.0)	12.1(11.5)	
Heating at 17°F	Rated Capacity	Btu/h	7600	10000	11700	9900	
	Rated Total input	W	880(1010)	1180(1310)	1280(1410)	1120(1250)	
	Maximum Capacity	Btu/h	7600	10000	11700	9900	
	Maximum Total Input	W	880(1010)	1180(1310)	1280(1410)	1120(1250)	
Power supply	Voltage, Phase, Cycle		208/230V, 1-phase, 60Hz				
Voltage	Indoor - Outdoor S1-S2		AC 208/230V				
	Indoor - Outdoor S2-S3		DC12-24V				
	Indoor - Remote controller		DC12V				
Indoor unit	MCA	A	1.0		3.0		
	Fan Motor	F.L.A	0.51	0.57	0.74	2.4	
	Fan Motor Output	W	96		121		
	Air flow (Lo-Mid-Hi)	DRY(CMM)	194-247-317	247-317-388	353-441-529	278-381-448	
		WET(CMM)	174-222-285	222-285-349	317-396-476	-	
	External Static Pressure	in WG	0.02-0.06-0.14-0.20			0.3 - 0.5 - 0.8	
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	23-26-30	23-28-33	30-34-37	29-36-39	
	External Finish Color		Galvanized-steel Sheets			BLACK	
	Dimensions	W: in	31-1/8	39		17	
		D: in	27-9/16			21-5/8	
		H: in	7-7/8			39-13/16	
	Weight Unit	lbs	42	50	54	93	
	Field Drainpipe O.D.	in	O.D. 1-1/4			O.D. 3/4	
	Refrigerant pipe Gas	in	3/8			3/8	
	Refrigerant pipe Liquid	in	1/4				
Outdoor unit	MCA	A	9		9		
	MOCP	A	15	16	18	16	
	Fan Motor	F.L.A.	0.50				
	Compressor	Model(Type)	DC INVERTER-driven		DC INVERTER-driven Twin Rotary		
		R.L.A.	6.2	6.6	7.4	6.6	
		L.R.A.	7.7	8.2	9.3	8.2	
	Air flow (Cooling/Heating)	CFM	(1,229/1,172)	(1,229/1,172)	(1,243/1,229)	(1,229/1,172)	
	Refrigerant Control		Linear Expansion Valve				
	Defrost Method		Reverse Cycle				
	SPL (Cooling)	dB (A)	48			49	
	SPL (Heating)	dB (A)	50			51	
	External Finish Color		Munsell No.3Y 7.8/1.1				
	Dimension	W: in	31-1/2				
		D: in	11-1/4				
		H: in	21-5/8				
Weight	lbs	81					
Remote Controller	Type		Wired Remote Controller				
Refrigerant	Type		R410A				
	Charge	lbs, oz	2,5		2,9		
	Oil	Type(Fl.oz)	FV50S(9.1)		FV50S(11.8)		
Refrigerant Pipe	Gas side O.D.	in	3/8	1/2		3/8	
	Liquid side O.D.	in	1/4				
	Height Difference (Max)	ft	40				
	Length (Max.)	ft	65				
Connection Method	Indoor/Outdoor		Flared/Flared				
Operation Guarantee	Cooling	°F	14 - 115				
	Heating	°F	-4 - 75				

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
 (heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
 *2.Rating conditions(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)

Operating range

		Indoor intake air temperature		Outdoor intake air temperature	
		Maximum	Minimum	Maximum	Minimum
Cooling	Maximum	D.B. 35°C(95°F), W.B. 21.7°C(71°F)		D.B. 46°C(115°F)	
	Minimum	D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)		D.B. -10°C(14°F)	
Heating	Maximum	D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)		D.B. 24°C(75°F), W.B. 18°C(65°F)	
	Minimum	D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)		D.B. -20°C(-4°F), W.B. -21°C(-5°F)	

SUZ-KA09NA(H)2.MX SUZ-KA12NA(H)2.MX SUZ-KA15NA(H)2.MX (PEAD Combination)

Model name	Indoor unit		PEAD-A09AA7	PEAD-A12AA7	PEAD-A15AA7	
	Outdoor unit		SUZ-KA09NA(H)2	SUZ-KA12NA(H)2	SUZ-KA15NA(H)2	
Cooling	Rated Capacity	Btu/h	9000	12000	15000	
	Capacity Range	Btu/h	4300-9000	4400-12000	5500-15000	
	Total input	W	720	930	1150	
	Energy Efficiency	EER		12.5	12.9	13.0
		SEER		19.7	20.5	19.2
	Moisture Removal	Pints/h	0.8	1.1	1.3	
	Sensible Heat Factor		0.90	0.9	0.9	
Heating at 47°F	Rated Capacity	Btu/h	12000	15000	18000	
	Capacity Range	Btu/h	3960-13000	4800-17000	4900-21500	
	Total input	W	900	1160	1350	
	HSPF(Region IV)	Btu/h/W	12.6(11.9)	13.0(12.4)	11.6(11.2)	
Heating at 17°F	Rated Capacity	Btu/h	7600	9900	11300	
	Rated Total input	W	880(1010)	1070(1200)	1220(1350)	
	Maximum Capacity	Btu/h	7600	9900	11300	
	Maximum Total Input	W	880(1010)	1070(1200)	1220(1350)	
Power supply	Voltage, Phase, Cycle		208/230V, 1-phase, 60Hz			
Voltage	Indoor - Outdoor S1-S2		AC 208/230V			
	Indoor - Outdoor S2-S3		DC12-24V			
	Indoor - Remote controller		DC12V			
Indoor unit	MCA	A	1.45		1.69	
	Fan Motor	F.L.A	1.16		1.35	
	Fan Motor Output	W	85			
	Air flow (Lo-Mid-Hi)	DRY(CMM)	282-318-353	353-424-494	424-512-600	
		WET(CMM)	254-286-318	318-382-445	382-461-540	
	External Static Pressure	in WG	0.14-0.20-0.28-0.40-0.60			
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	24-26-28	28-30-34	30-33-37	
	External Finish Color		Galvanized Sheets			
	Dimensions	W: in	35-7/16			
		D: in	28-7/8			
		H: in	9-7/8			
	Weight Unit	lbs	58		62	
	Field Drainpipe O.D.	in	O.D. 1-1/4			
	Refrigerant pipe Gas	in	3/8		1/2	
Refrigerant pipe Liquid	in	1/4				
Outdoor unit	MCA	A	9		10	
	MOCP	A	15	16	18	
	Fan Motor	F.L.A.	0.50			
	Compressor	Model(Type)	DC INVERTER-driven	DC INVERTER-driven Twin Rotary		
		R.L.A.	6.2	6.6	7.4	
		L.R.A.	7.7	8.2	9.3	
	Air flow (Cooling/Heating)	CFM	(1,229/1,172)	(1,229/1,172)	(1,243/1,229)	
	Refrigerant Control		Linear Expansion Valve			
	Defrost Method		Reverse Cycle			
	SPL (Cooling)	dB (A)	48	49		
	SPL (Heating)	dB (A)	50	51		
	External Finish Color		Munsell No.3Y 7.8/1.1			
	Dimension	W: in	31-1/2			
		D: in	11-1/4			
H: in		21-5/8				
Weight	lbs	81				
Remote Controller	Type	Wired Remote Controller				
Refrigerant	Type	R410A				
	Charge	lbs, oz	2,5	2,9		
	Oil	Type(Fl.oz.)	FV50S(9.1)	FV50S(11.8)		
Refrigerant Pipe	Gas side O.D.	in	3/8	1/2		
	Liquid side O.D.	in	1/4			
	Height Difference (Max)	ft	40			
	Length (Max.)	ft	65			
Connection Method	Indoor/Outdoor	Flared/Flared				
Operation Guarantee	Cooling	°F	14 - 115			
	Heating	°F	-4 - 75			

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
 (heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
 *2.Rating conditions(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)

Operating range

Cooling	Indoor intake air temperature		Outdoor intake air temperature	
	Maximum	D.B. 35°C(95°F), W.B. 21.7°C(71°F)	D.B. 46°C(115°F)	
Minimum	D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)	D.B. -10°C(14°F)		
Heating	Maximum	D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)	D.B. 24°C(75°F), W.B. 18°C(65°F)	
	Minimum	D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)	D.B. -20°C(-4°F), W.B. -21°C(-5°F)	

SUZ-KA09NA(H)2.MX SUZ-KA12NA(H)2.MX (MLZ Combination)

Model name	Indoor unit		MLZ-KP09NA	MLZ-KP12NA	
	Outdoor unit		SUZ-KA09NA(H)2	SUZ-KA12NA(H)2	
Cooling	Rated Capacity	Btu/h	9000	12000	
	Capacity Range	Btu/h	3600-9000	3900-12000	
	Total input	W	710	960	
	Energy Efficiency	EER		12.6	12.5
		SEER		19.5	19.8
	Moisture Removal	Pints/h		1.5	2.8
Sensible Heat Factor			0.82	0.74	
Heating at 47°F	Rated Capacity	Btu/h	12000	15400	
	Capacity Range	Btu/h	4010-13000	4600-17000	
	Total input	W	860	1300	
	HSPF(Region IV)	Btu/h/W	13.3(12.5)	12.1(11.6)	
	Rated Capacity	Btu/h	7700	9900	
Heating at 17°F	Rated Total input	W	700(830)	1020(1150)	
	Maximum Capacity	Btu/h	7700	9900	
	Maximum Total Input	W	700(830)	1020(1150)	
	Voltage, Phase, Cycle		208/230V, 1-phase, 60Hz		
Power supply	Indoor - Outdoor S1-S2		AC 208/230V		
	Indoor - Outdoor S2-S3		DC12-24V		
	Indoor - Remote controller		DC12V		
Indoor unit	MCA	A	1.0		
	Fan Motor	F.L.A	0.68		
	Fan Motor Output	W	30		
	Air flow (SLo-Lo-Mid-Hi)	Cooling DRY(CMM)		212-254-283-311	212-258-297-332
		Heating WET(CMM)		180-216-240-264	180-219-252-282
		Heating (CFM)		212-247-290-325	212-272-311-350
	External Static Pressure	in WG	0		
	Sound Pressure Level (Lo-Mid-Hi)	Cooling dB (A)		27-31-34-38	27-32-36-40
		Heating dB (A)		26-29-34-37	26-32-36-40
	External Finish Color		Munsell 4.0GY 9.1/0.2		
	Dimensions	W: in	43-3/8		
		D: in	14-3/16		
		H: in	7-5/16		
	Weight Unit	lbs	34		
Field Drainpipe O.D.	in	O.D. 1-1/4			
Refrigerant pipe Gas	in	3/8			
Refrigerant pipe Liquid	in	1/4			
Outdoor unit	MCA	A	9		
	MOCP	A	15	16	
	Fan Motor	F.L.A.	0.50		
	Compressor	Model(Type)		DC INVERTER-driven	DC INVERTER-driven Twin Rotary
		R.L.A.		6.2	6.6
		L.R.A.		7.7	8.2
	Air flow (Cooling/Heating)	CFM	(1,229/1,172)	(1,229/1,172)	
	Refrigerant Control	Linear Expansion Valve			
	Defrost Method	Reverse Cycle			
	SPL (Cooling)	dB (A)	48	49	
	SPL (Heating)	dB (A)	50	51	
	External Finish Color		Munsell No.3Y 7.8/1.1		
	Dimension	W: in	31-1/2		
		D: in	11-1/4		
H: in		21-5/8			
Weight	lbs	81			
Remote Controller	Type	Wireless Remote Controller			
Refrigerant	Type	R410A			
	Charge	lbs, oz	2,5	2,9	
	Oil	Type(Fl.oz.)	FV50S(9.1)	FV50S(11.8)	
Refrigerant Pipe	Gas side O.D.	in	3/8		
	Liquid side O.D.	in	1/4		
	Height Difference (Max)	ft	40		
	Length (Max.)	ft	65		
Connection Method	Indoor/Outdoor	Flared/Flared			
Operation Guarantee	Cooling	°F	14 - 115		
	Heating	°F	-4 - 75		

NOTES : *1.Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°F) Outdoor : D.B. 35°C(95°F), W.B. 23.9°C(75°F)
 (heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F)
 *2.Rating conditions(heating)-Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)

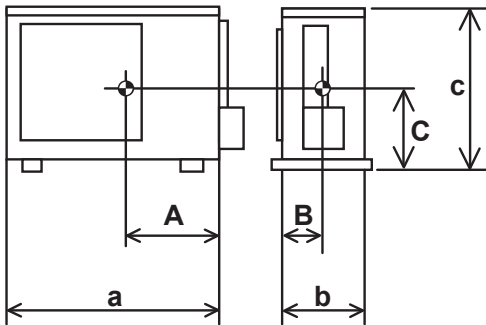
Operating range

		Indoor intake air temperature		Outdoor intake air temperature	
Cooling	Maximum	D.B. 35°C(95°F), W.B. 21.7°C(71°F)		D.B. 46°C(115°F)	
	Minimum	D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)		D.B. -10°C(14°F)	
Heating	Maximum	D.B. 26.7°C(80°F), W.B. 19.4°C(67°F)		D.B. 24°C(75°F), W.B. 18°C(65°F)	
	Minimum	D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)		D.B. -20°C(-4°F), W.B. -21°C(-5°F)	

2 POSITION OF THE CENTER OF GRAVITY

2-1. OUTDOOR UNIT

Unit: inch(mm)



Model	A	B	C	a	b	c
SUZ-KA09/12/15NA2 SUZ-KA09/12/15NAH2	11-1/16 (280)	5-9/16 (140)	9-1/2 (240)	31-1/2 (800)	11-1/4 (285)	21-5/8 (550)

3 CORRECTION FACTORS

3-1. INVERTER TYPE

3-1.1 Cooling capacity corrections

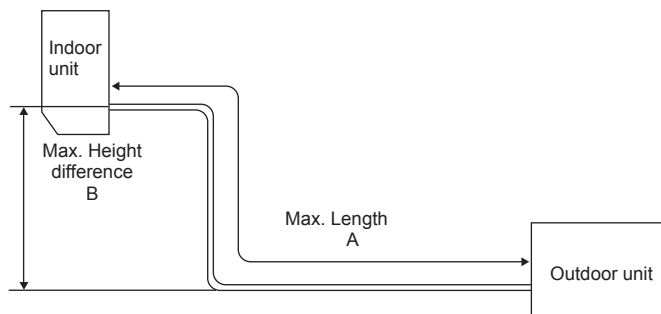
Model	Refrigerant piping length (one way: ft)			
	25 (std.)	40	65	100
SUZ-KA09/12/15NA2 SUZ-KA09/12/15NAH2	1.0	0.988	0.967	-

3-1.2 Heating capacity corrections

Model	Refrigerant piping length (one way: ft)			
	25 (std.)	40	65	100
SUZ-KA09/12/15NA2 SUZ-KA09/12/15NAH2	1.0	0.997	0.993	-

3-1.3 Max. refrigerant piping length & max. Height difference

Model	Refrigerant piping: ft		Piping size O.D: in	
	Max. Length A	Max. Height difference B	Gas	Liquid
SUZ-KA09/12NA2 SUZ-KA09/12NAH2	65	40	3/8	1/4
SUZ-KA15NA2 SUZ-KA15NAH2	65	40	1/2	1/4



3-1.4 Additional refrigerant charge (R410A: oz)

NOTE: Refrigerant piping exceeding 25 ft requires additional refrigerant charge according to the calculation.

Model	Outdoor unit precharged	Refrigerant piping length (one way): ft					
		25	30	40	50	60	65
SUZ-KA09NA2 SUZ-KA09NAH2	2 lb 5 oz	0	1.08	3.24	5.40	7.56	8.64
SUZ-KA12NA2 SUZ-KA12NAH2	2 lb 9 oz						
SUZ-KA15NA2 SUZ-KA15NAH2							

Calculation: $X \text{ oz} = 1.08/5 \text{ oz/ft} \times (\text{Refrigerant piping length (ft)} - 25)$

4

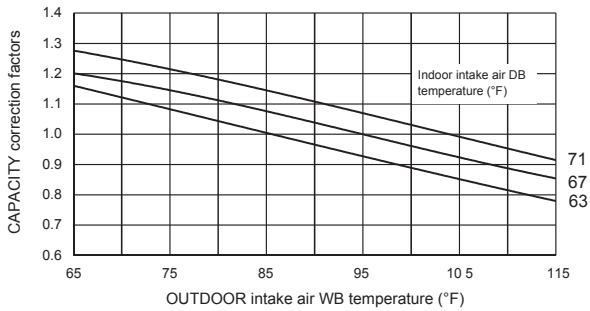
DATA

4-1. PERFORMANCE CURVE

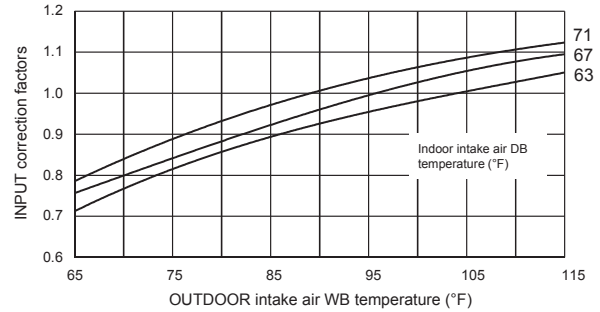
COOLING

SUZ-KA09/12/15NA(H)2.MX

Cooling capacity



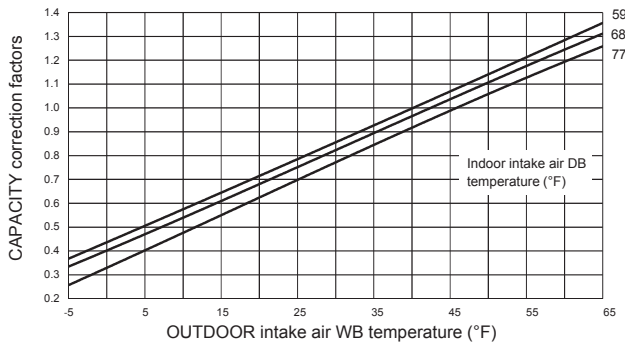
Total input (Cooling)



HEATING

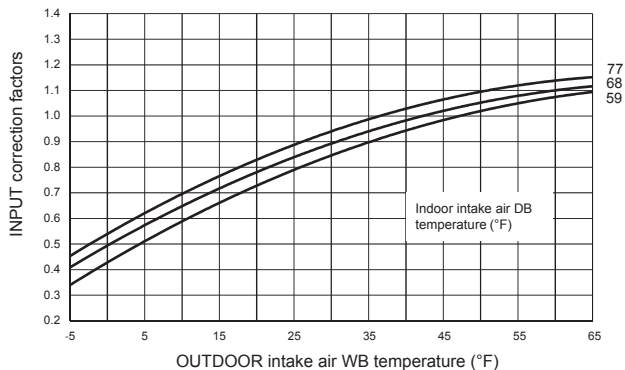
SUZ-KA09/12/15/NA(H)2.MX

Heating capacity



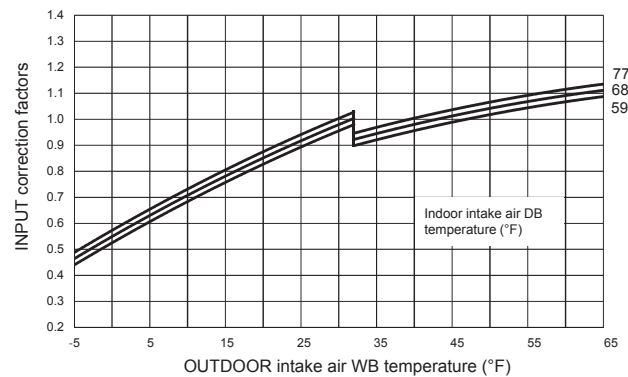
SUZ-KA09/12/15/NA2.MX

Total input (Heating)



SUZ-KA09/12/15/NAH2.MX

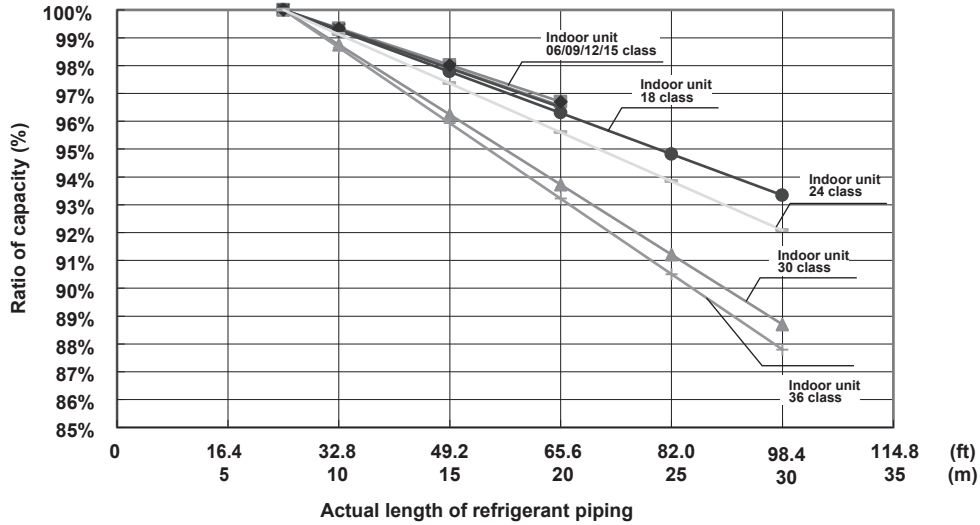
Total input (Heating)



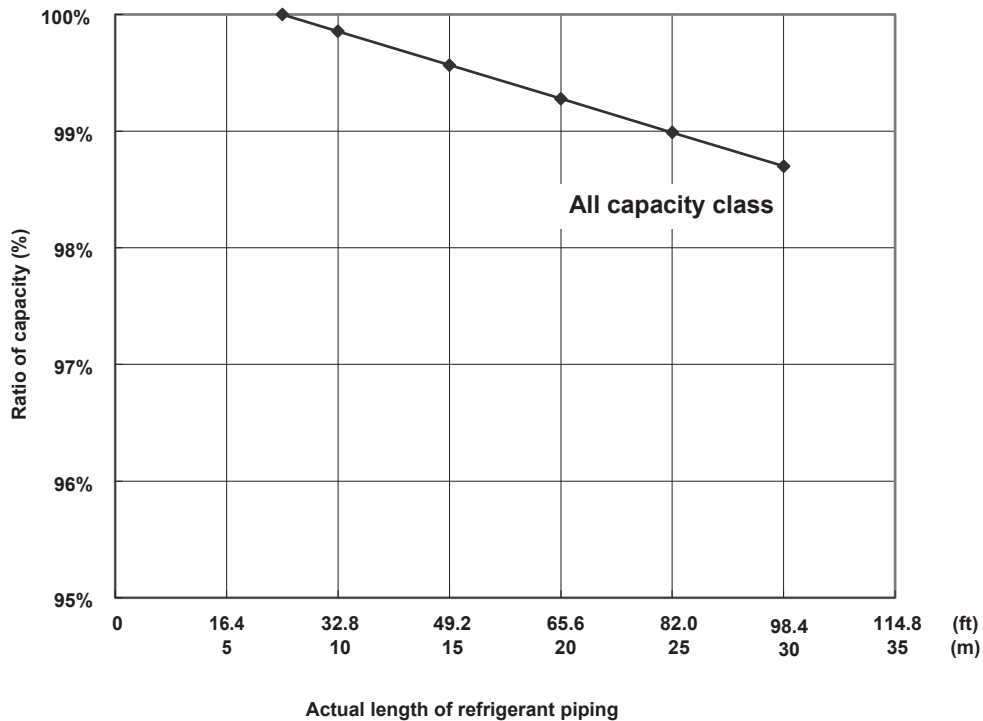
5 CAPACITY CORRECTION RATIO CURVE FOR PIPING LENGTH

5-1. CAPACITY CORRECTION RATIO CURVE FOR PIPING LENGTH

Correction ratio of capacity according to the length of piping (cooling)



Correction ratio of capacity according to the length of piping (heating)



The length intended for the capacity calculation, which counts the length of refrigerant piping and the number of bends, is called actual length.

$$\text{Length of refrigerant piping (ft)} + (\text{Number of bends} \times 0.984 \text{ ft}) = \text{Actual length of refrigerant piping (ft)}$$

$$[\text{Length of refrigerant piping (m)} + (\text{Number of bends} \times 0.3 \text{ m})] = \text{Actual length of refrigerant piping (m)}$$

mitsubishi electric corporation

HEAD OFFICE : TOKYO BUILDING, 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN
