MSZ-GE-NA WALL-MOUNT HEAT PUMP SYSTEMS

Due to continuing improvement, above specification may be subject to change without notice.

1. INDOOR UNITS

- MSZ-GE06NA-8*
- MSZ-GE09NA-8
- MSZ-GE12NA-8
- MSZ-GE15NA-8
- MSZ-GE18NA-8
- MSZ-GE24NA

*The MSZ-GE06NA-8 is only compatible with the multi-split MXZ heat pump systems.

2. OUTDOOR UNITS

- MUZ-GE09NA
- MUZ-GE12NA
- MUZ-GE15NA-1
- MUZ-GE18NA-1
- MUZ-GE24NA

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3. SYSTEM

- Wall-mounted indoor unit for residential application
- Standard Hybrid Catechin Prefilter and anti-allergy enzyme filter for high air-purification abilities
- Quiet operation
- Updated sleek, compact indoor unit design
- Integrated i-see Sensor automatically adjusts the unit's operation according to the temperature differences detected between the floor and the intake air, ensuring optimum comfort and energy usage
- Base heater is available as an option
- Auto fan speed control: Quiet, Low, Medium, High, and Super High
- Hand-held Wireless Remote Controller
- Advanced microprocessor control
- Auto restart following a power outage
- Anti-allergy Enzyme Filter
- Limited warranty: five years parts and seven years compressor

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MSZ-GE06NA-8 MSZ-GE09NA-8 MSZ-GE12NA-8 MSZ-GE15NA-8 MSZ-GE18NA-8

Model name			MSZ-GE06NA-8	MSZ-GE09NA-8	MSZ-GE12NA-8
Power supply	V, phase, Hz		208/230, 1, 60		
Max. fuse size (time delay)/ Disconnect switch		A	15		
Min. circuit ampacity		A	1.0		
Blower Motor (ECM)		F.L.A	0.76		
Airflow Super High - High - Med. - Low - Quiet	COOL Dry (Wet)	CFM	399-321-237-170-145 (364-286-201-134-109)		
	HEAT Dry	CFM	406-321-233-170-145	406-321-237-170-145	
Moisture removal		pt./h	–	1.5	2.5
Sensible Heat Factor			0.82	0.74	0.80
Sound level Super High - High - Med. - Low - Quiet	Cooling	dB(A)	43-37-30-22-19		45-37-30-22-19
	Heating	dB(A)			43-37-30-22-19
Cond. drain connection O.D.		in.	5/8		
Dimensions	W	in.	31-7/16		
	D		9-1/8		
	H		11-5/8		
Weight		lb.	22		
External finish			Munsell 1.0Y 9.2/0.2		
Control voltage (by built-in transformer)			12 - 24 VDC		

Model name			MSZ-GE15NA-8	MSZ-GE18NA-8
Power supply	V, phase, Hz		208/230, 1, 60	
Max. fuse size (time delay)/ Disconnect switch		A	15	
Min. circuit ampacity		A	1.0	
Blower Motor (ECM)		F.L.A	0.76	
Airflow Super High - High - Med. - Low - Quiet	COOL Dry (Wet)	CFM	533-420-335-272-205 (498-385-300-237-170)	533-420-339-275-230 (498-385-304-240-194)
	HEAT Dry	CFM	463-367-304-247-205	512-431-339-275-230
Moisture removal		pt./h	2.7	4.6
Sensible Heat Factor			0.71	0.75
Sound level Super High - High - Med. - Low - Quiet	Cooling	dB(A)	49-44-38-32-26	49-44-38-33-28
	Heating	dB(A)	46-40-35-30-26	49-43-38-33-28
Cond. drain connection O.D.		in.	5/8	
Dimensions	W	in.	31-7/16	
	D		9-1/8	
	H		11-5/8	
Weight		lb.	22	
External finish			Munsell 1.0Y 9.2/0.2	
Control voltage (by built-in transformer)			12 - 24 VDC	

NOTE: Test conditions are based on ARI 210/240.
Due to continuing improvement, above specification may be subject to change without notice.

MSZ-GE24NA

Model name			MSZ-GE24NA
Power supply	V, phase, Hz		208/230, 1, 60
Max. fuse size (time delay)/ Disconnect switch		A	20
Min. circuit ampacity		A	1.0
Blower Motor (ECM)		F.L.A	0.76
Airflow Powerful - High - Med - Low	COOL Dry (Wet)	CFM	738-628-469-388 (661-562-420-347)
	HEAT Dry	CFM	406-321-237-170-145
Moisture removal		pt./h	5.1
Sensible Heat Factor			0.75
Sound level Powerful - High - Med - Low	Cooling	dB(A)	53-49-41-34
	Heating	dB(A)	52-49-41-32
Cond. drain connection O.D.		in.	5/8
Dimensions	W	in.	43-5/16
	D		9-3/8
	H		12-13/16
Weight		lb.	37
External finish			Munsell 1.0Y 9.2/0.2
Control voltage (by built-in transformer)			12 - 24 VDC

NOTE: Test conditions are based on ARI 210/240.

❊1: Rating conditions (Cooling) — Indoor: 80˚FDB, 67˚FWB, Outdoor: 95˚FDB, (75˚FWB) Rated frequency

(Heating) — Indoor: 70˚FDB, 60˚FWB, Outdoor: 47˚FDB, 43˚FWB Rated frequency

❊2: (Heating) — Indoor: 70˚FDB, 60˚FWB, Outdoor: 17˚FDB, 15˚FWB Maximum frequency

Due to continuing improvement, above specification may be subject to change without notice.

3-1. SPECIFICATIONS

MUZ-GE09NA-1 MUZ-GE12NA

Model name			MUZ-GE09NA	MUZ-GE12NA
Capacity Rated (Minimum~Maximum)	Cooling ❋1	Btu/h	9,000 (3,800 ~ 12,200)	12,000 (3,800 ~ 13,600)
	Heating 47 ❋1	Btu/h	10,900 (4,500 ~ 14,100)	14,400 (5,500 ~ 18,100)
Capacity	Heating 17 ❋2	Btu/h	8,700	11,200
Power consumption Rated (Minimum~Maximum)	Cooling ❋1	W	660 (205~1,200)	960 (205~1,300)
	Heating 47 ❋1	W	760 (255~1,200)	1,170 (340~1,660)
Power consumption	Heating 17 ❋2	W	950	1,200
EER ❋1 [SEER] ❋3	Cooling		13.6 [21.0]	12.5 [20.5]
HSPF IV ❋4	Heating		10.0	10.0
COP	Heating ❋1		4.20	3.61
Power supply	V , phase , Hz		208/230 , 1 , 60	
Max. fuse size (time delay)		A	15	
Min. circuit ampacity		A	12	12
Fan Motor (ECM)		F.L.A	0.50	
Compressor	Model		KNB073FQDHC	KNB092FQAHC
		R.L.A	6.6	6.6
		L.R.A	8.2	8.2
	Refrigeration oil cc. (Model)		320 (NEO22)	
Refrigerant control			Linear expansion valve	
Sound level ❋1	Cooling	dB(A)	46	49
	Heating	dB(A)	50	51
Defrost method			Reverse cycle	
Dimensions	W	in.	31-1/2	
	D	in.	11-1/4	
	H	in.	21-5/8	
Weight		lb.	66	77
External finish			Munsell 3Y 7.8/1.1	
Remote controller			Wireless type	
Control voltage (by built-in transformer)		VDC	12 - 24	
Refrigerant piping			Not supplied	
Refrigerant pipe size (Min. wall thickness)	Liquid	in.	1/4 (0.0315)	
	Gas	in.	3/8 (0.0315)	
Connection method	Indoor		Flared	
	Outdoor		Flared	
Between the indoor & outdoor units	Height difference	ft.	40	
	Piping length	ft.	65	
Refrigerant charge (R410A)			1 lb. 12 oz.	2 lb. 9 oz.

NOTE: Test conditions are based on ARI 210/240.

❋1: Rating conditions (Cooling) — Indoor: 80˚FDB, 67˚FWB, Outdoor: 95˚FDB, (75˚FWB) Rated frequency
(Heating) — Indoor: 70˚FDB, 60˚FWB, Outdoor: 47˚FDB, 43˚FWB Rated frequency
❋2: (Heating) — Indoor: 70˚FDB, 60˚FWB, Outdoor: 17˚FDB, 15˚FWB Maximum frequency

Due to continuing improvement, above specification may be subject to change without notice.

MUZ-GE15NA-1 MUZ-GE18NA-1

Model name			MUZ-GE15NA-1	MUZ-GE18NA-1
Capacity Rated (Minimum~Maximum)	Cooling ❄1	Btu/h	14,000 (3,100 ~ 18,200)	17,200 (3,700 ~ 18,700)
	Heating 47 ❄1	Btu/h	18,000 (4,800 ~ 20,900)	21,600 (3,500 ~ 25,200)
Capacity	Heating 17 ❄2	Btu/h	15,900	17,200
Power consumption Rated (Minimum~Maximum)	Cooling ❄1	W	1,080 (160 ~ 2,000)	1,640 (240 ~ 2,070)
	Heating 47 ❄1	W	1,600 (270 ~ 2,010)	1,900 (230 ~ 2,680)
Power consumption	Heating 17 ❄2	W	1,950	2,080
EER ❄1 [SEER] ❄3	Cooling		13.0 [21.0]	10.5 [19.2]
HSPF IV ❄4	Heating		10.0	10.0
COP	Heating ❄1		3.30	3.33
Power supply	V , phase , Hz		208/230 , 1 , 60	
Max. fuse size (time delay)		A	15	
Min. circuit ampacity		A	12	14
Fan Motor (ECM)		F.L.A	0.50	0.93
Compressor	Model		SNB130FQBH	
		R.L.A	7.4	10.0
		L.R.A	9.3	12.5
	Refrigeration oil cc. (Model)		450 (NEO22)	
Refrigerant control			Linear expansion valve	
Sound level ❄1	Cooling	dB(A)	49	54
	Heating	dB(A)	51	56
Defrost method			Reverse cycle	
Dimensions	W	in.	31-1/2	33-1/16
	D	in.	11-1/4	13
	H	in.	21-5/8	33-7/16
Weight		lb.	80	119
External finish			Munsell 3Y 7.8/1.1	
Remote controller			Wireless type	
Control voltage (by built-in transformer)		VDC	12 - 24	
Refrigerant piping			Not supplied	
Refrigerant pipe size (Min. wall thickness)	Liquid	in.	1/4 (0.0315)	
	Gas	in.	1/2 (0.0315)	
Connection method	Indoor		Flared	
	Outdoor		Flared	
Between the indoor & outdoor units	Height difference	ft.	40	50
	Piping length	ft.	65	100
Refrigerant charge (R410A)			2 lb. 9 oz.	3 lb. 7 oz.

NOTE: Test conditions are based on ARI 210/240.

❄1: Rating conditions (Cooling) — Indoor: 80˚FDB, 67˚FWB, Outdoor: 95˚FDB, (75˚FWB) Rated frequency
(Heating) — Indoor: 70˚FDB, 60˚FWB, Outdoor: 47˚FDB, 43˚FWB Rated frequency
❄2: (Heating) — Indoor: 70˚FDB, 60˚FWB, Outdoor: 17˚FDB, 15˚FWB Maximum frequency

Due to continuing improvement, above specification may be subject to change without notice.

3-1. SPECIFICATIONS

MUZ-GE24NA

Model name			**MUZ-GE24NA**
Capacity Rated (Minimum~Maximum)	Cooling ❄1	Btu/h	22,500(8,200 ~ 31,400)
	Heating 47 ❄1	Btu/h	27,600(7,500 ~ 36,900)
Capacity Rated (Maximum)	Heating 17 ❄2	Btu/h	16,000 (24,600)
Power consumption Rated (Minimum~Maximum)	Cooling ❄1	W	1,800 (570 ~ 3,580)
	Heating 47 ❄1	W	2,340 (520 ~ 3,650)
Power consumption	Heating 17 ❄2	W	1,770 (3,290)
EER ❄1 [SEER] ❄3	Cooling		12.5 [19.0]
HSPF IV ❄4	Heating		10.0
COP	Heating ❄1		3.46
Power supply	V , phase , Hz		208/230 , 1 , 60
Max. fuse size (time delay)		A	20
Min. circuit ampacity		A	17.1
Fan Motor (ECM)		F.L.A	0.93
Compressor	Model		SNB172FQKMT
		R.L.A	12.9
		L.R.A	16.1
	Refrigeration oil cc. (Model)		0.40 (FV50S)
Refrigerant control			Linear expansion valve
Sound level ❄1	Cooling	dB(A)	55
	Heating	dB(A)	55
Defrost method			Reverse Cycle
Dimensions	W	in.	33-1/16
	D	in.	13
	H	in.	34-5/8
Weight		lb.	119
External finish			Munsell 3Y 7.8/1.1
Remote controller			Wireless type
Control voltage (by built-in transformer)		VDC	12 - 24
Refrigerant piping			Not supplied
Refrigerant pipe size (Min. wall thickness)	Liquid	in.	3/8 (0.0315)
	Gas	in.	5/8 (0.0315)
Connection method	Indoor		Flared
	Outdoor		Flared
Between the indoor & outdoor units	Height difference	ft.	50
	Piping length	ft.	100
Refrigerant charge (R410A)			4 lb. 3 oz.

NOTE: Test conditions are based on ARI 210/240.

❄1: Rating conditions (Cooling) — Indoor: 80˚FDB, 67˚FWB, Outdoor: 95˚FDB, (75˚FWB) Rated frequency
(Heating) — Indoor: 70˚FDB, 60˚FWB, Outdoor: 47˚FDB, 43˚FWB Rated frequency
❄2: (Heating) — Indoor: 70˚FDB, 60˚FWB, Outdoor: 17˚FDB, 15˚FWB Maximum frequency

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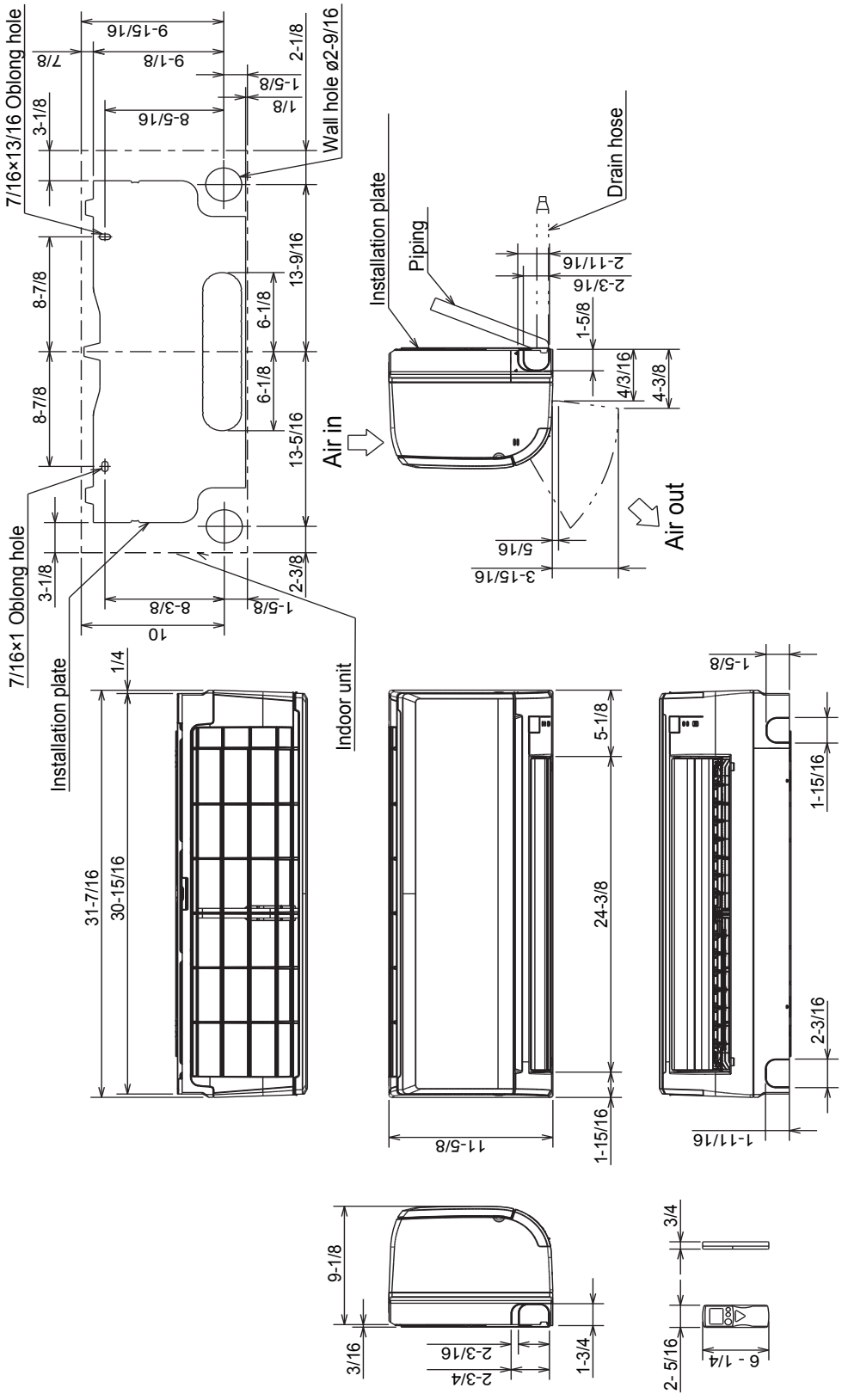
Efficiency ratings

Outdoor Unit	Indoor Unit	SEER	EER	HSPF	COP @ 47° F	COP @ 17° F	Energy Star	Tax Credit	Most Efficient
WALL-MOUNT HEAT PUMP									
MUZ-GE09NA	MSZ-GE09NA-8	21.00	13.6	10	4.20	2.76	Yes	Yes	Yes
MUZ-GE12NA	MSZ-GE12NA-8	20.25	12.5	10	3.60	2.86	Yes	Yes	Yes
MUZ-GE15NA-1	MSZ-GE15NA-8	21.00	13.0	10	3.30	2.88	Yes	Yes	Yes
MUZ-GE18NA-1	MSZ-GE18NA-8	19.20	10.5	10	3.32	2.70			
MUZ-GE24NA	MSZ-GE24NA	19.00	12.5	10	3.46	2.64	Yes	Yes	
Note:	Efficiency values based on AHRI 210/240 test method.								

Due to continuing improvement, above specification may be subject to change without notice.

3-2. EXTERNAL DIMENSIONS

MSZ-GE09NA-8 MSZ-GE12NA-8 MSZ-GE15NA-8 MSZ-GE18NA-8

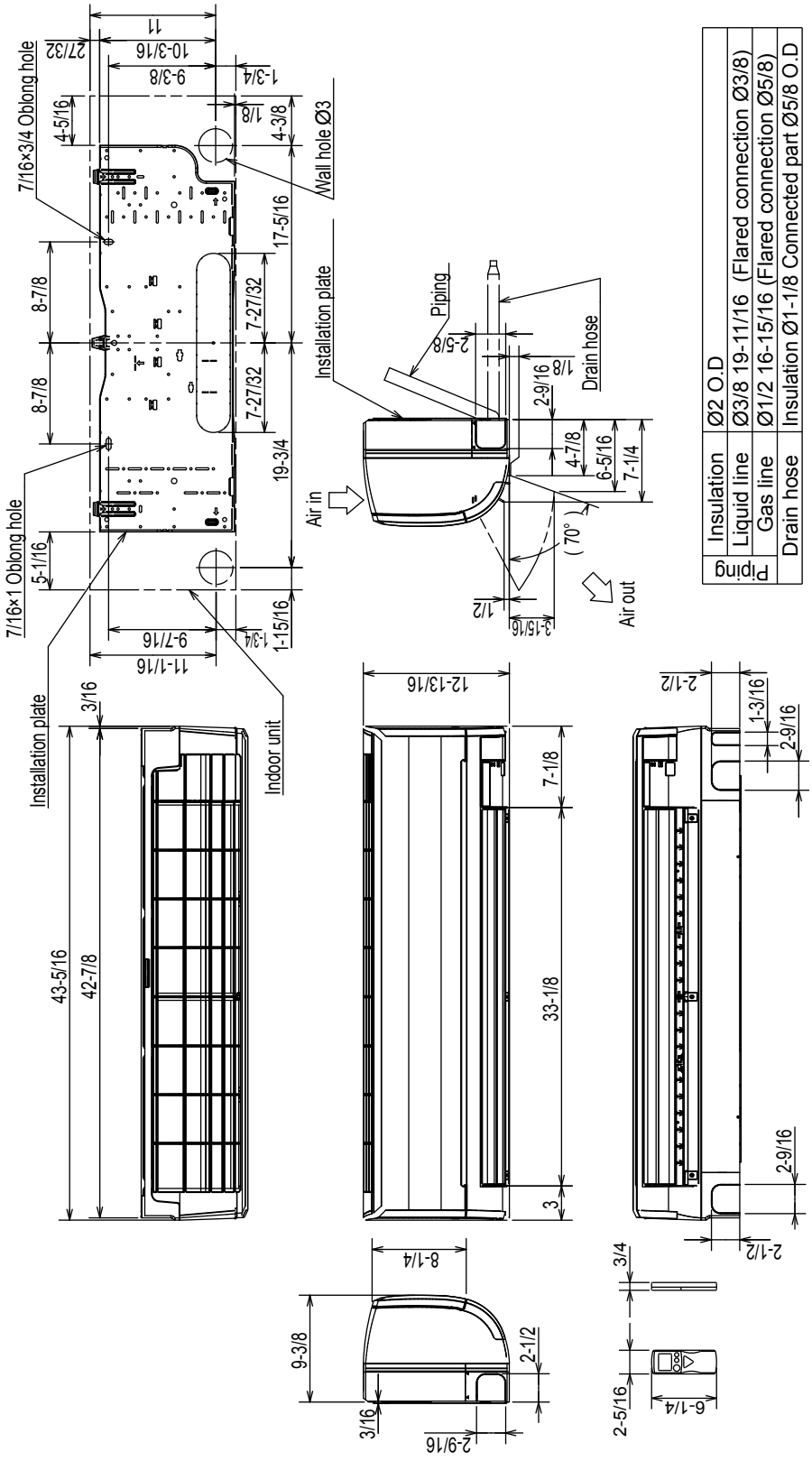


Due to continuing improvement, above specification may be subject to change without notice.

3-2. EXTERNAL DIMENSIONS

MSZ-GE24NA

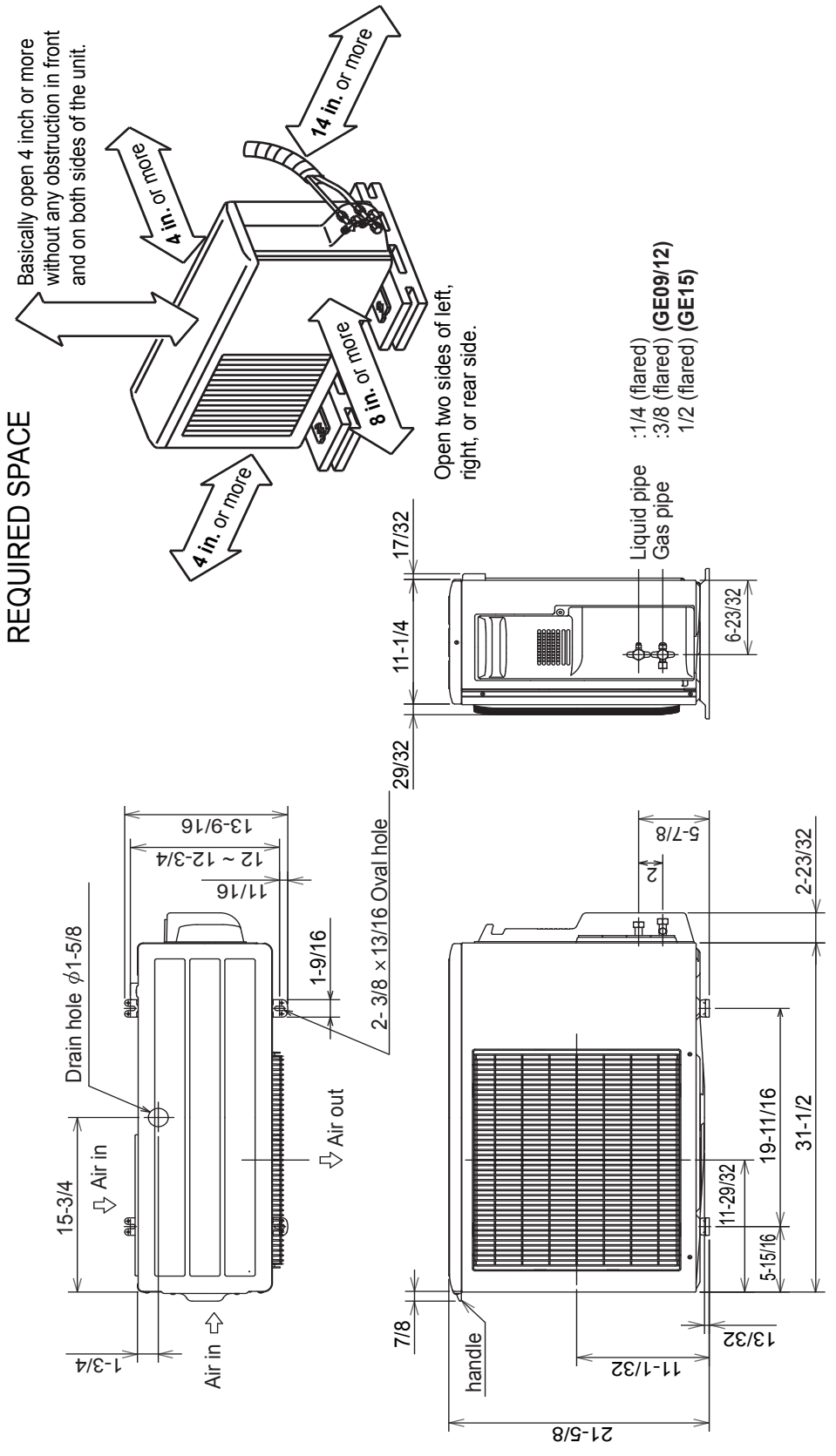
Unit: inch



Due to continuing improvement, above specification may be subject to change without notice.

3-2. EXTERNAL DIMENSIONS

MUZ-GE09NA MUZ-GE12NA MUZ-GE15NA-1

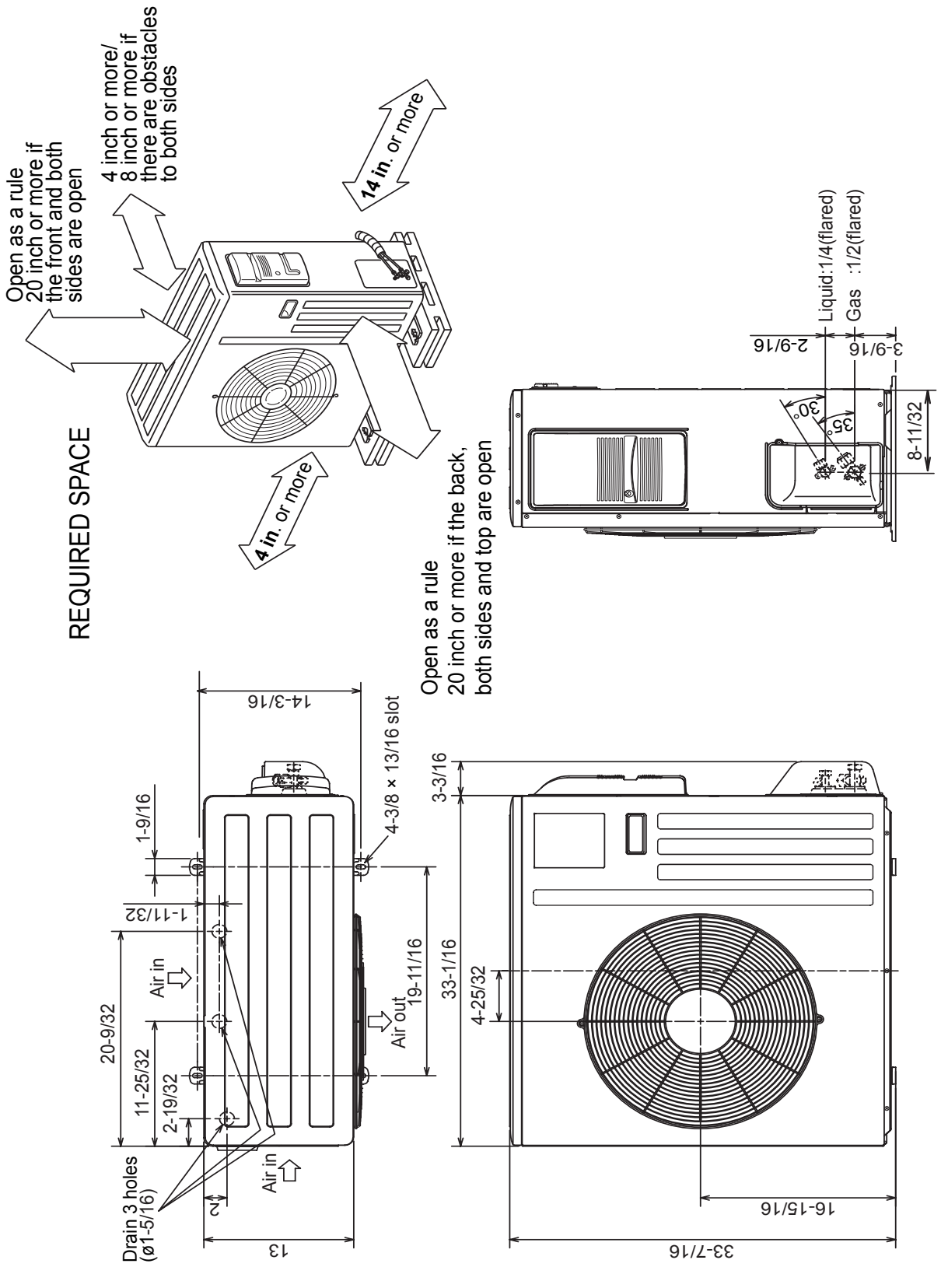


Due to continuing improvement, above specification may be subject to change without notice.

3-2. EXTERNAL DIMENSIONS

MUZ-GE18NA-1

Unit: inch

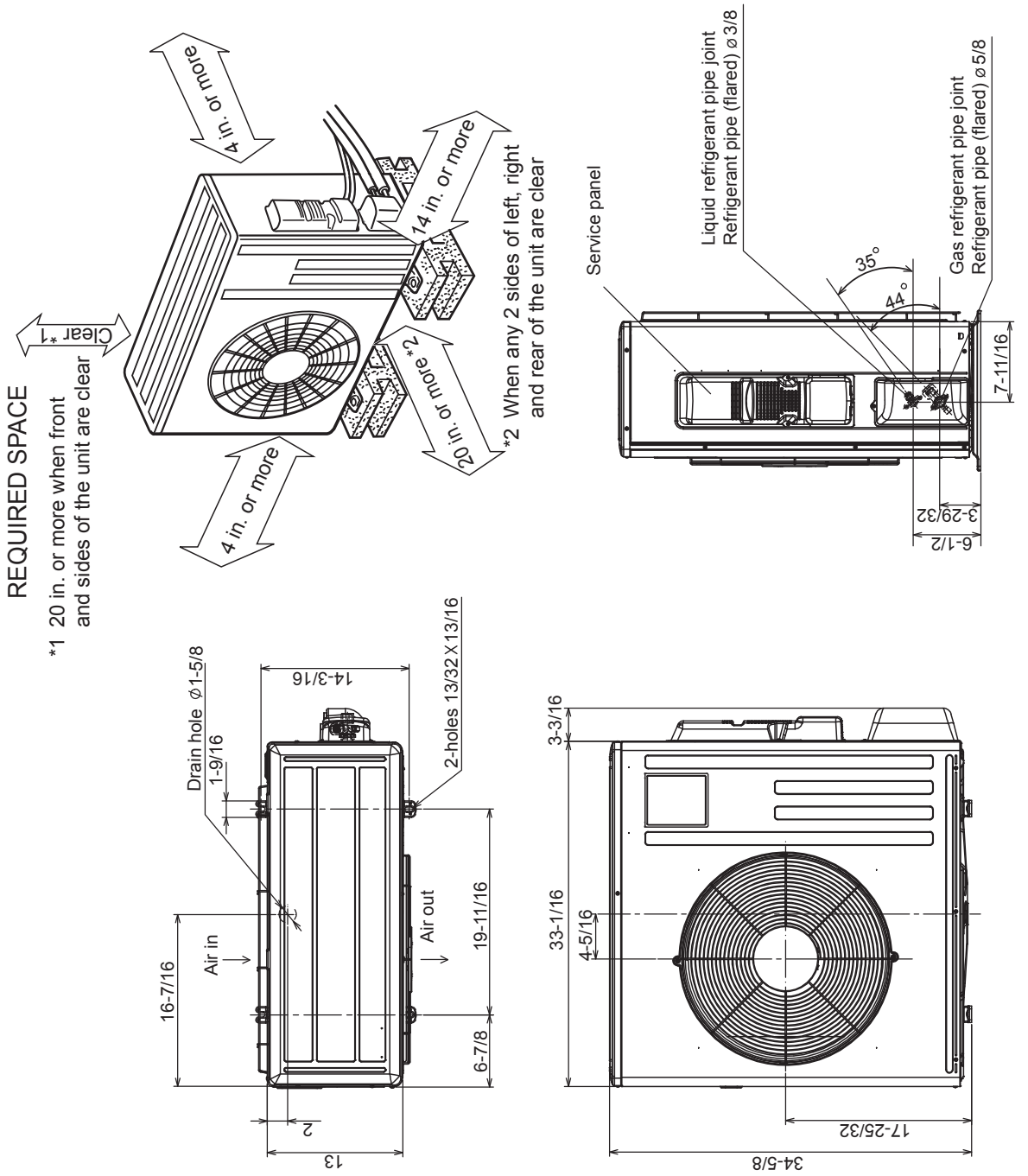


Due to continuing improvement, above specification may be subject to change without notice.

3-2. EXTERNAL DIMENSIONS

MUZ-GE24NA

Unit: inch

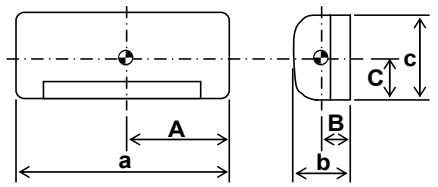


Due to continuing improvement, above specification may be subject to change without notice.

3-3. CENTER OF GRAVITY

MSZ-GE09NA-8 MSZ-GE12NA-8 MSZ-GE15NA-8 MSZ-GE18NA-8 MSZ-GE24NA

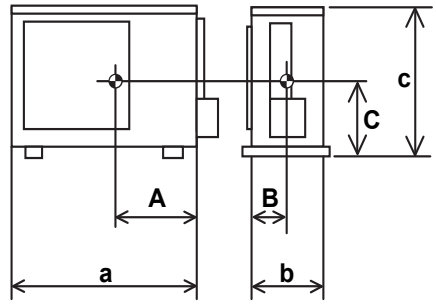
Unit: inch(mm)



Model name	A	B	C	a	b	c
MSZ-GE09NA-8 MSZ-GE12NA-8 MSZ-GE15NA-8 MSZ-GE18NA-8	13-7/16 (340)	3-3/4 (95)	7-1/2 (190)	31-7/16 (798)	9-1/8 (232)	11-5/8 (295)
MSZ-GE24NA	17-7/16 (443)	3-55/64 (98)	5-35/64 (141)	43-5/16 (1100)	9-3/8 (238)	12-13/16 (325)

MUZ-GE09NA MUZ-GE12NA MUZ-GE15NA-1 MUZ-GE18NA-1 MUZ-GE24NA

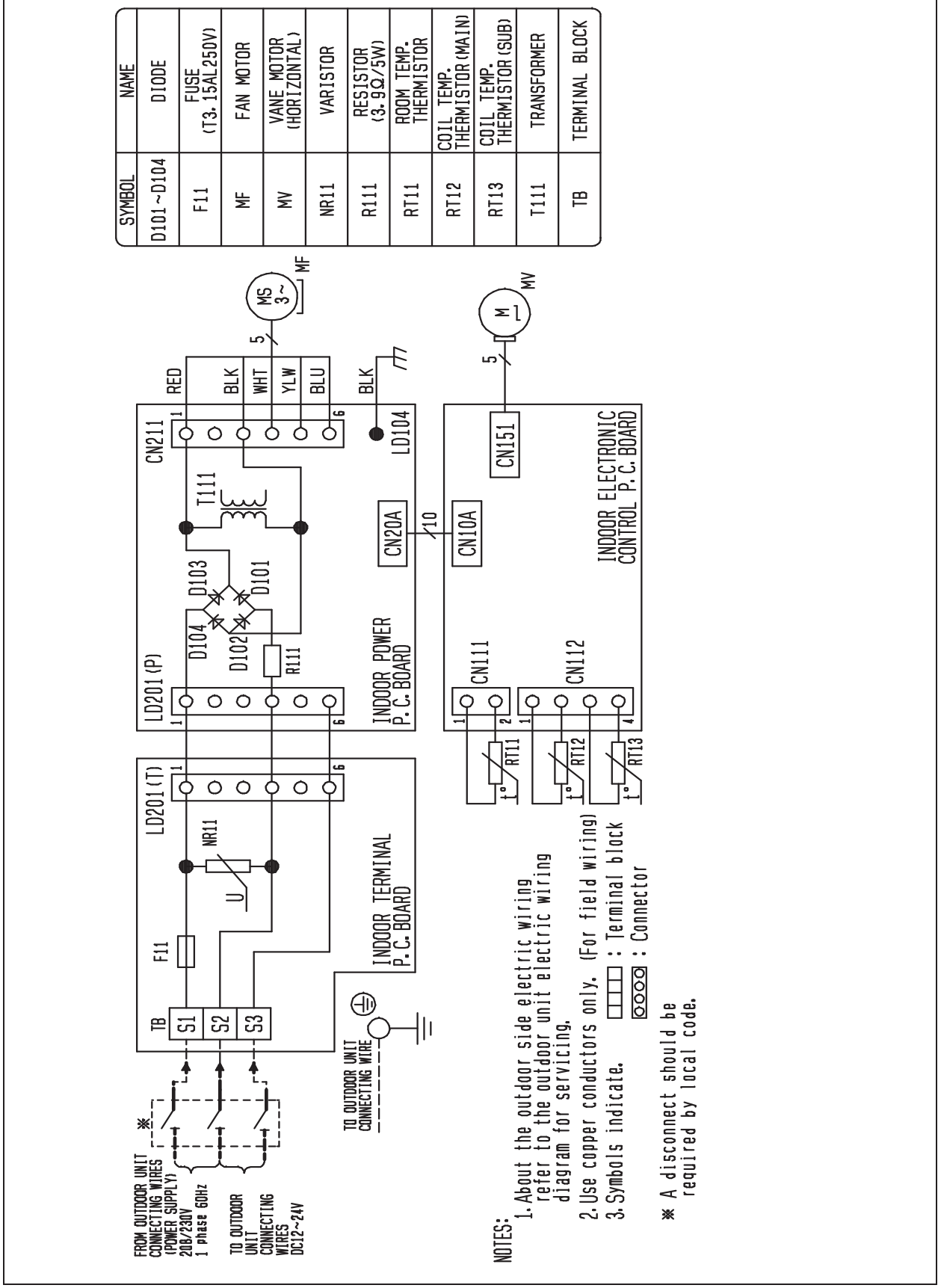
Unit: inch(mm)



Model name	A	B	C	a	b	c
MUZ-GE09NA MUZ-GE12NA MUZ-GE15NA-1	11-1/16 (280)	5-9/16 (140)	9-1/2 (240)	31-1/2 (800)	11-1/4 (285)	21-5/8 (550)
MUZ-GE18NA-1	11-13/16 (300)	5-7/8 (150)	13-3/8 (340)	33-1/16 (840)	13 (330)	33-7/16 (850)
MUZ-GE24NA	12-5/8 (320)	6-7/16 (163)	15-3/4 (400)	33-2/16 (840)	13 (330)	34-11/16 (880)

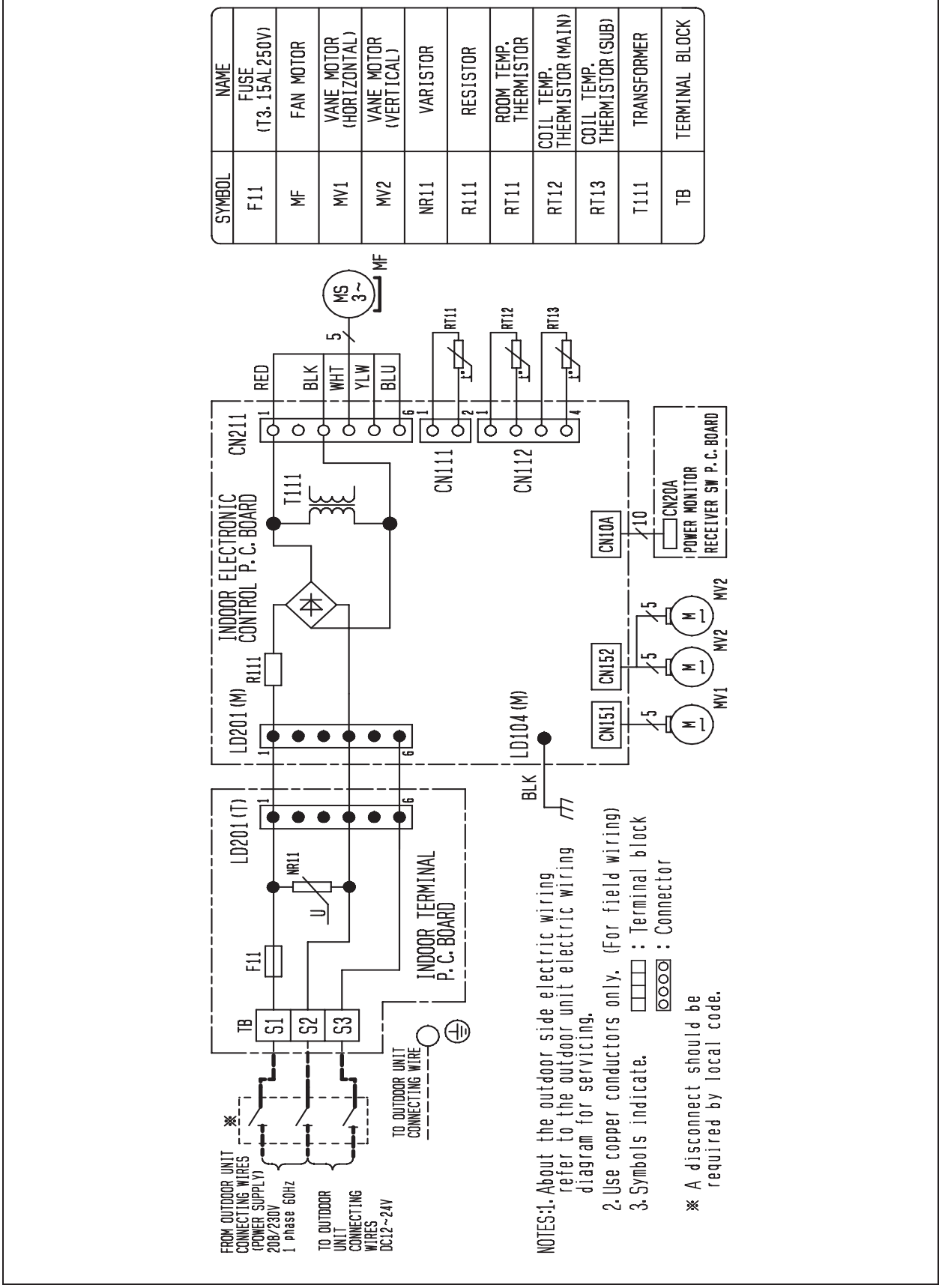
Due to continuing improvement, above specification may be subject to change without notice.

MSZ-GE09NA-8 MSZ-GE12NA-8 MSZ-GE15NA-8 MSZ-GE18NA-8



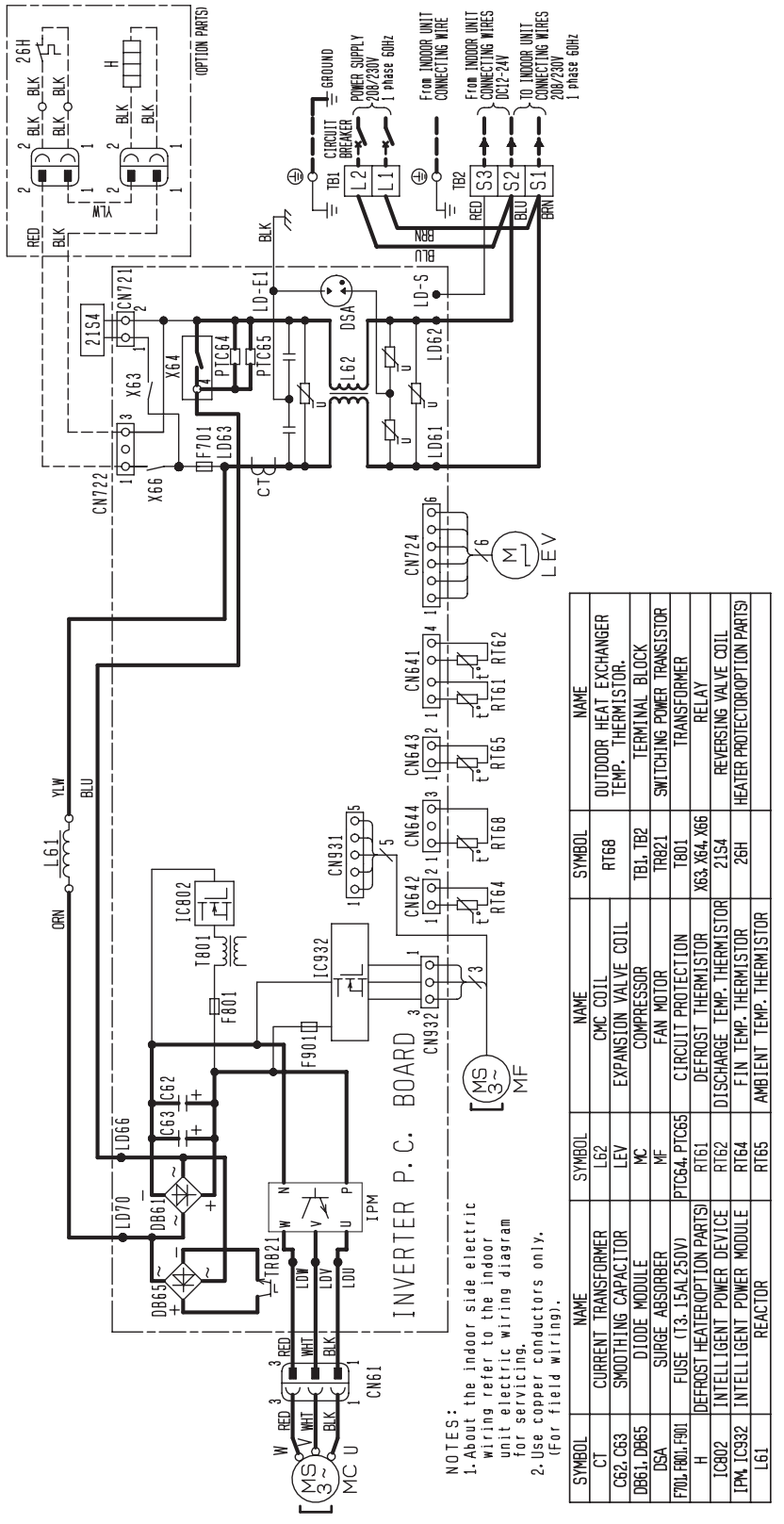
Due to continuing improvement, above specification may be subject to change without notice.

MSZ-GE24NA



Due to continuing improvement, above specification may be subject to change without notice.

MUZ-GE09NA MUZ-GE12NA

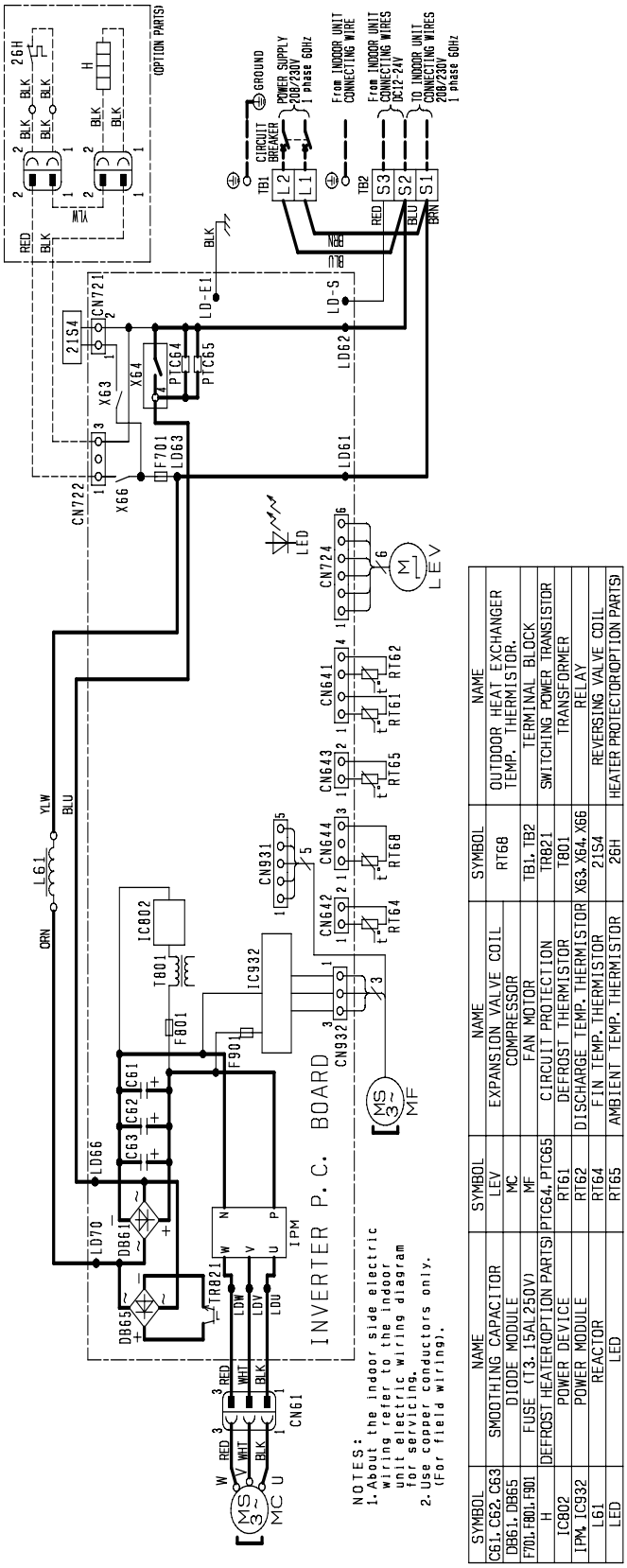


NOTES:
1. About the indoor side electric wiring refer to the indoor unit electric wiring diagram for servicing.
2. Use copper conductors only. (For field wiring).

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CT	CURRENT TRANSFORMER	L62	CMC COIL	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR.
C62, C63	SMOOTHING CAPACITOR	LEV	EXPANSION VALVE COIL		
DB61, DB65	DIODE MODULE	MC	COMPRESSOR	TB1, TB2	TERMINAL BLOCK
DSA	SURGE ABSORBER	MF	FAN MOTOR	TR821	SWITCHING POWER TRANSISTOR
F701, F801, F901	FUSE (T3.15AL250V)	PTC64, PTC65	CIRCUIT PROTECTION	T801	TRANSFORMER
H	DEFROST HEATER(OPTION PARTS)	RT61	DEFROST THERMISTOR	X63, X64, X66	RELAY
IC802	INTELLIGENT POWER DEVICE	RT62	DISCHARGE TEMP. THERMISTOR	21S4	REVERSING VALVE COIL
IPM, IC932	INTELLIGENT POWER MODULE	RT64	FIN TEMP. THERMISTOR	26H	HEATER PROTECTOR(OPTION PARTS)
L61	REACTOR	RT65	AMBIENT TEMP. THERMISTOR		

Due to continuing improvement, above specification may be subject to change without notice.

MUZ-GE15NA-1



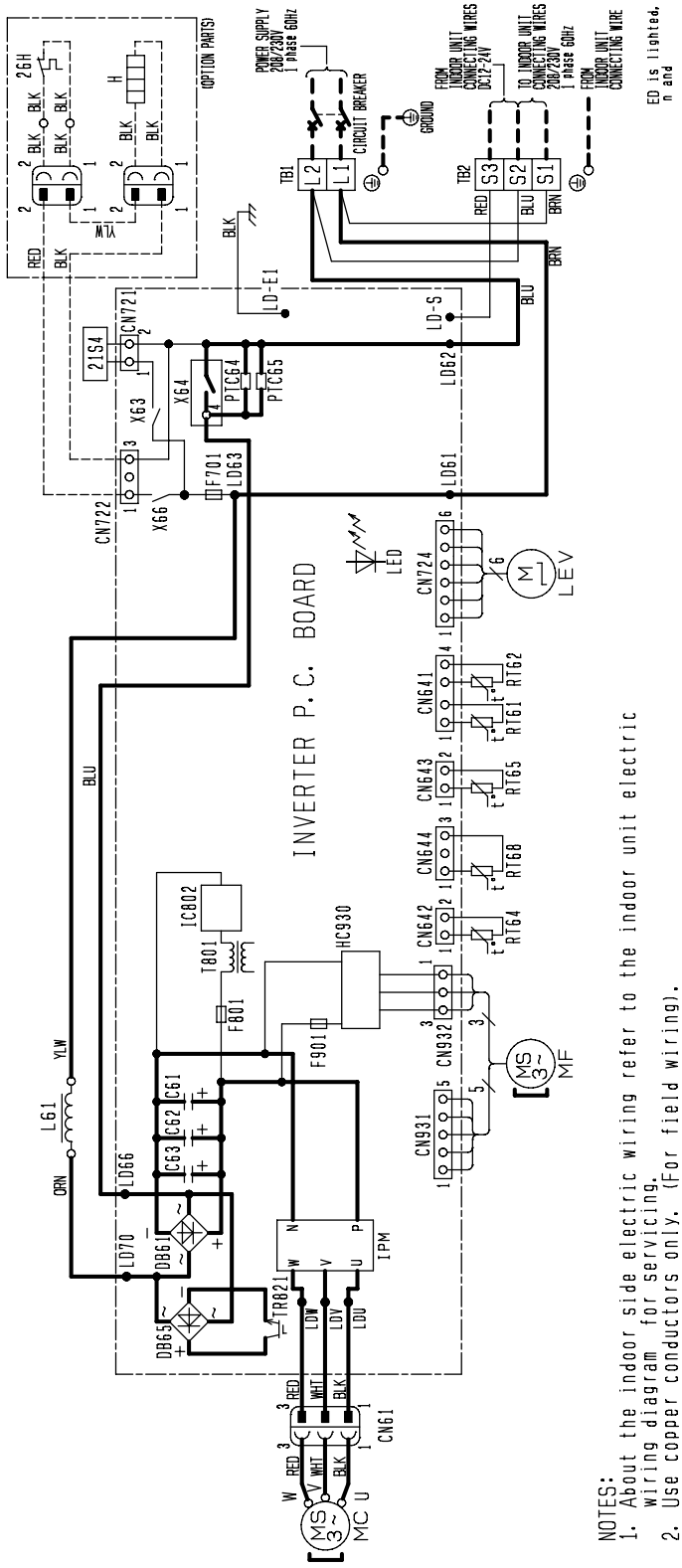
SYMBOL	NAME
C61, C62, C63	SMOOTHING CAPACITOR
DB61, DB65	DIODE MODULE
F701, F801, F901	FUSE (T3.15AL250V)
H	DEFROST HEATER(OPTION PARTS)
IC802	POWER DEVICE
IPM, IC932	POWER MODULE
L61	REACTOR
LED	LED

SYMBOL	NAME
LEV	EXPANSION VALVE COIL
MC	COMPRESSOR
MF	FAN MOTOR
PTC64, PTC65	CIRCUIT PROTECTION
RT61	DEFROST THERMISTOR
RT62	DISCHARGE TEMP. THERMISTOR
RT64	FIN TEMP. THERMISTOR
RT65	AMBIENT TEMP. THERMISTOR

SYMBOL	NAME
RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR.
TB1, TB2	TERMINAL BLOCK
TR821	SWITCHING POWER TRANSISTOR
T801	TRANSFORMER
X63, X64, X66	RELAY
21S4	REVERSING VALVE COIL
26H	HEATER PROTECTOR(OPTION PARTS)

Due to continuing improvement, above specification may be subject to change without notice.

MUZ-GE18NA-1

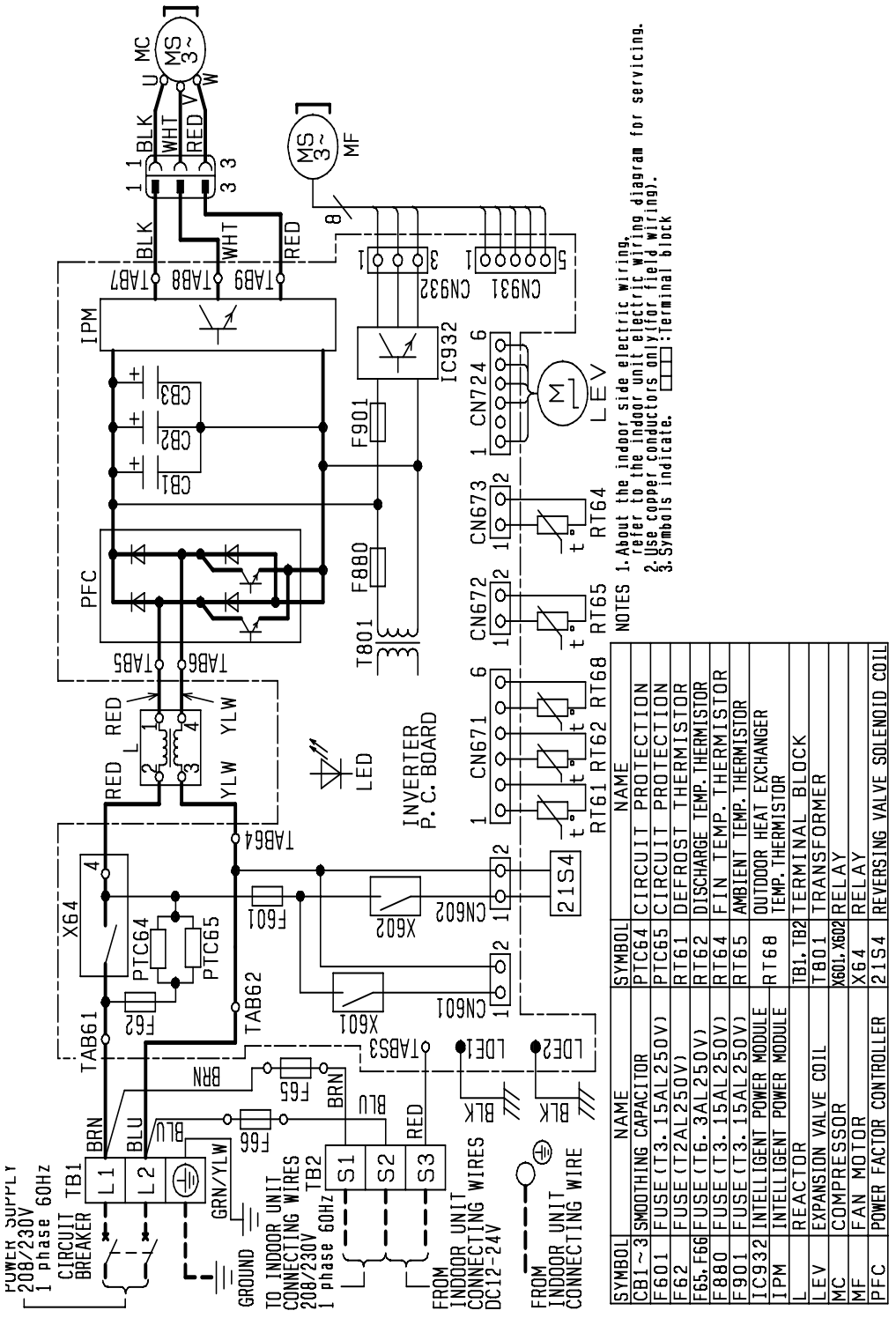


NOTES:
1. About the indoor side electric wiring refer to the indoor unit electric wiring diagram for servicing.
2. Use copper conductors only. (For field wiring).

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CG1, CG2, CG3	SMOOTHING CAPACITOR	LEV	EXPANSION VALVE COIL	RT68	OUTDOOR HEAT EXCHANGER TEMP. THERMISTOR.
DB61, DB65	DIODE MODULE	MC	COMPRESSOR		
F701, F801, F901	FUSE (T3.15AL250V)	MF	FAN MOTOR	TB1, TB2	TERMINAL BLOCK
H	DEFROST HEATER (OPTION PARTS)	PTC64, PTC65	CIRCUIT PROTECTION	TR821	SWITCHING POWER TRANSISTOR
HC930, IPM	POWER MODULE	RT61	DEFROST THERMISTOR	T801	TRANSFORMER
IC802	POWER DEVICE	RT62	DISCHARGE TEMP. THERMISTOR	X63, X64, X66	RELAY
L61	REACTOR	RT64	FIN TEMP. THERMISTOR	21S4	REVERSING VALVE COIL
LED	LED	RT65	AMBIENT TEMP. THERMISTOR	26H	HEATER PROTECTOR (OPTION PARTS)

Due to continuing improvement, above specification may be subject to change without notice.

MUZ-GE24NA



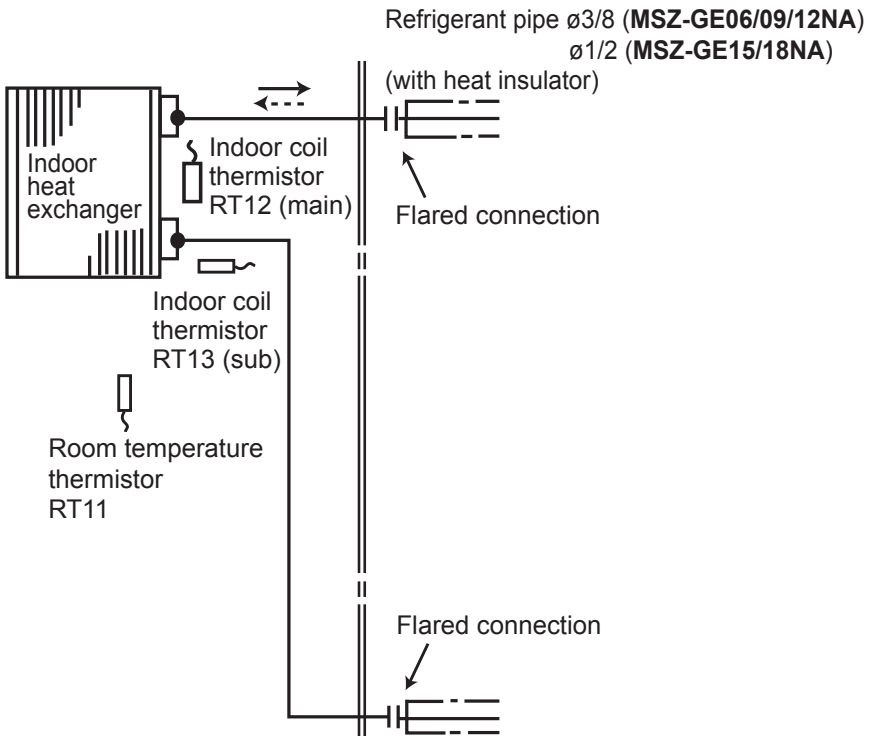
SYMBOL	NAME
CB1~3	SMOOTHING CAPACITOR
F601	FUSE(T3.15AL250V)
F62	FUSE(T2AL250V)
F65,F66	FUSE(T6.3AL250V)
F880	FUSE(T3.15AL250V)
F901	FUSE(T3.15AL250V)
IC932	INTELLIGENT POWER MODULE
IPM	INTELLIGENT POWER MODULE
L	REACTOR
LEV	EXPANSION VALVE COIL
MC	COMPRESSOR
MF	FAN MOTOR
PFC	POWER FACTOR CONTROLLER

SYMBOL	NAME
PTC64	CIRCUIT PROTECTION
PTC65	CIRCUIT PROTECTION
RT61	DEFROST THERMISTOR
RT62	DISCHARGE TEMP.THERMISTOR
RT64	FIN TEMP.THERMISTOR
RT65	AMBIENT TEMP.THERMISTOR
RT68	OUTDOOR HEAT EXCHANGER TEMP.THERMISTOR
TB1, TB2	TERMINAL BLOCK
T801	TRANSFORMER
X601, X602	RELAY
X64	RELAY
21S4	REVERSING VALVE SOLENOID COIL

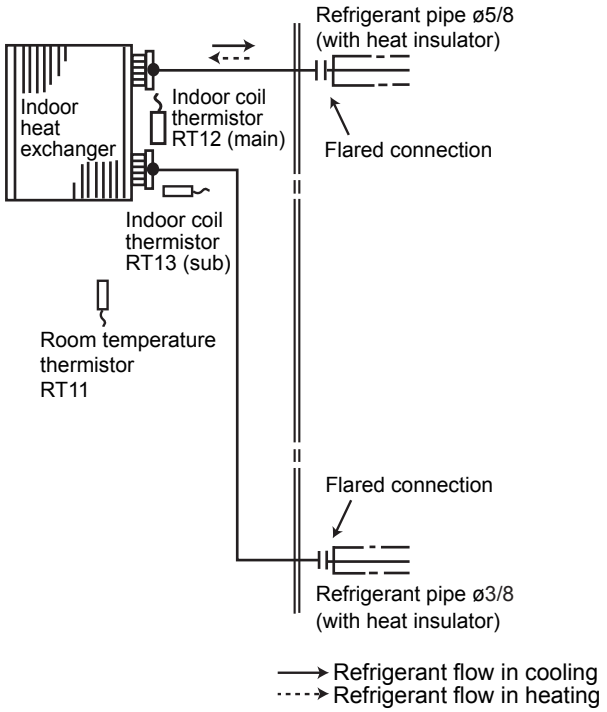
Due to continuing improvement, above specification may be subject to change without notice.

3-5. REFRIGERANT SYSTEM DIAGRAMS

MSZ-GE09NA-8 MSZ-GE12NA-8 MSZ-GE15NA-8 MSZ-GE18NA-8



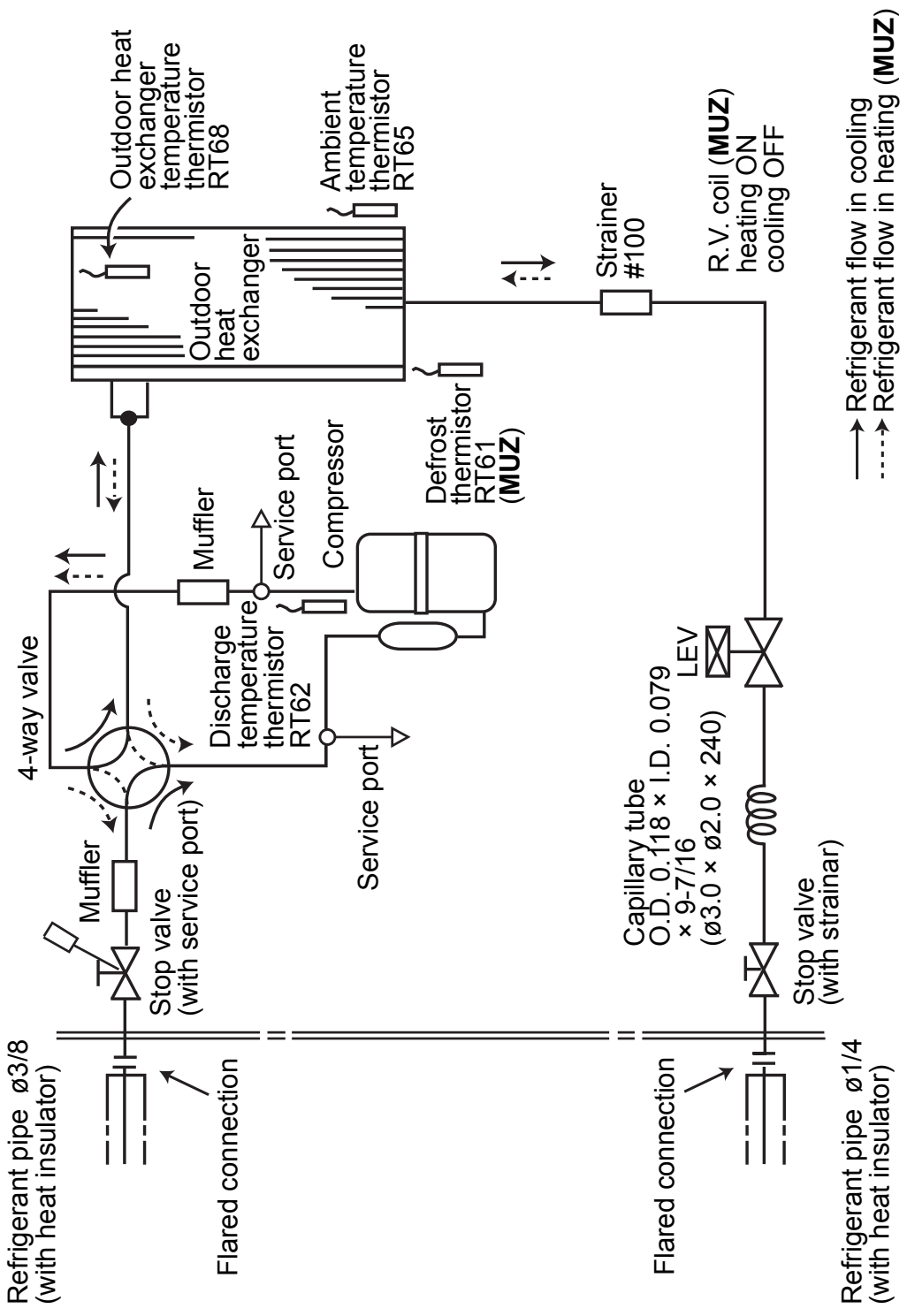
MSZ-GE24NA



Due to continuing improvement, above specification may be subject to change without notice.

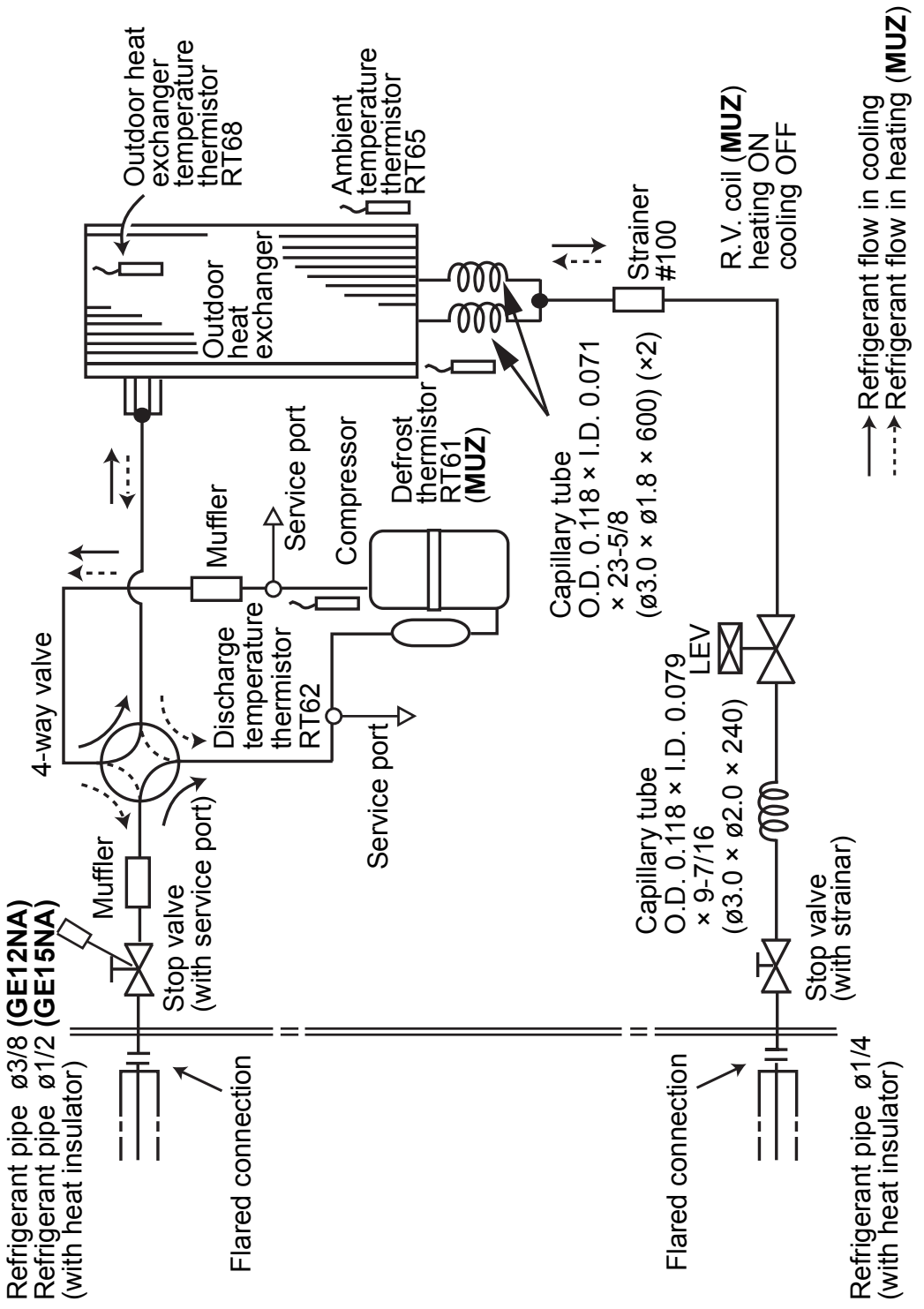
MUZ-GE09NA

Unit: inch



Due to continuing improvement, above specification may be subject to change without notice.

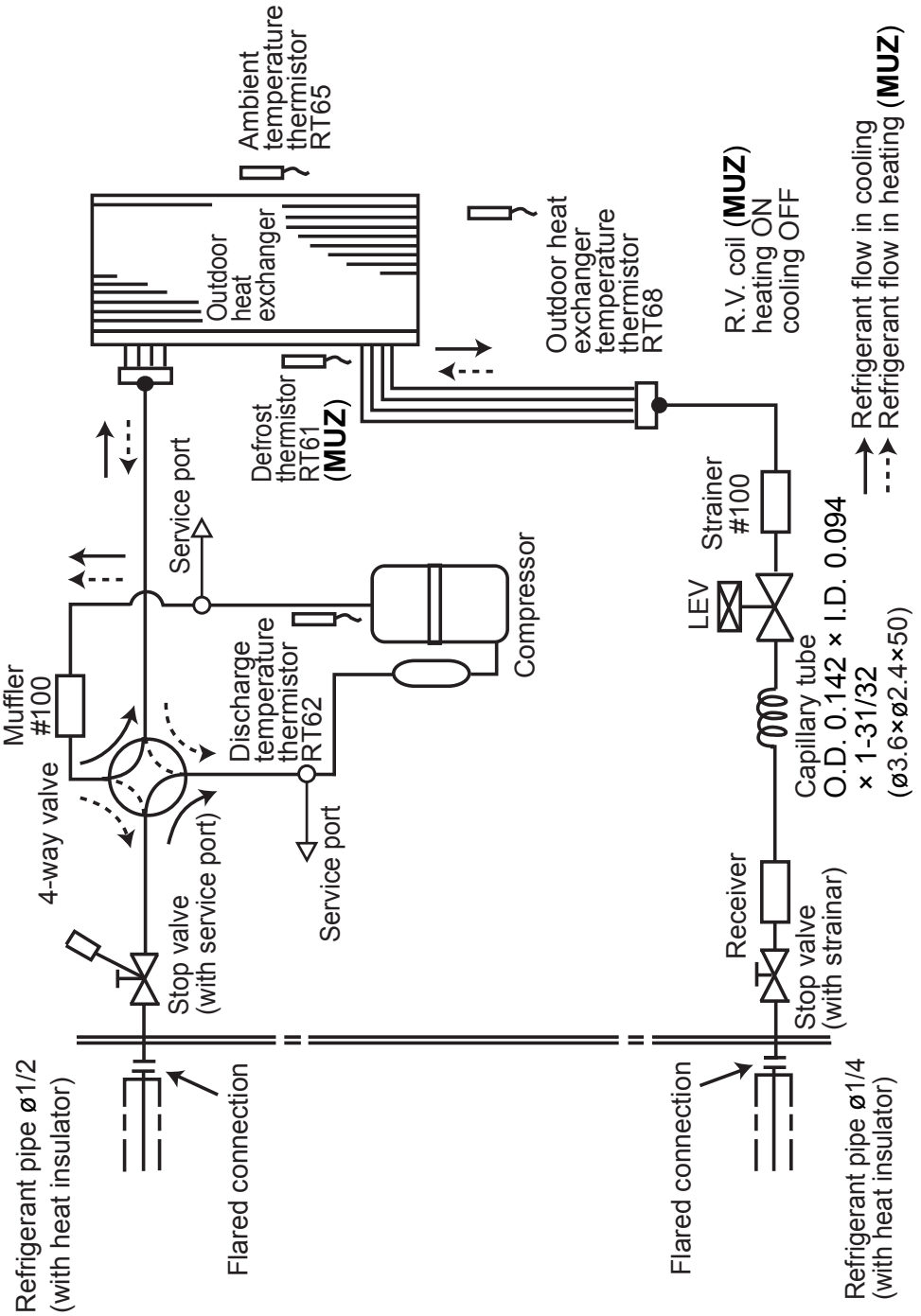
MUZ-GE12NA MUZ-GE15NA-1



Due to continuing improvement, above specification may be subject to change without notice.

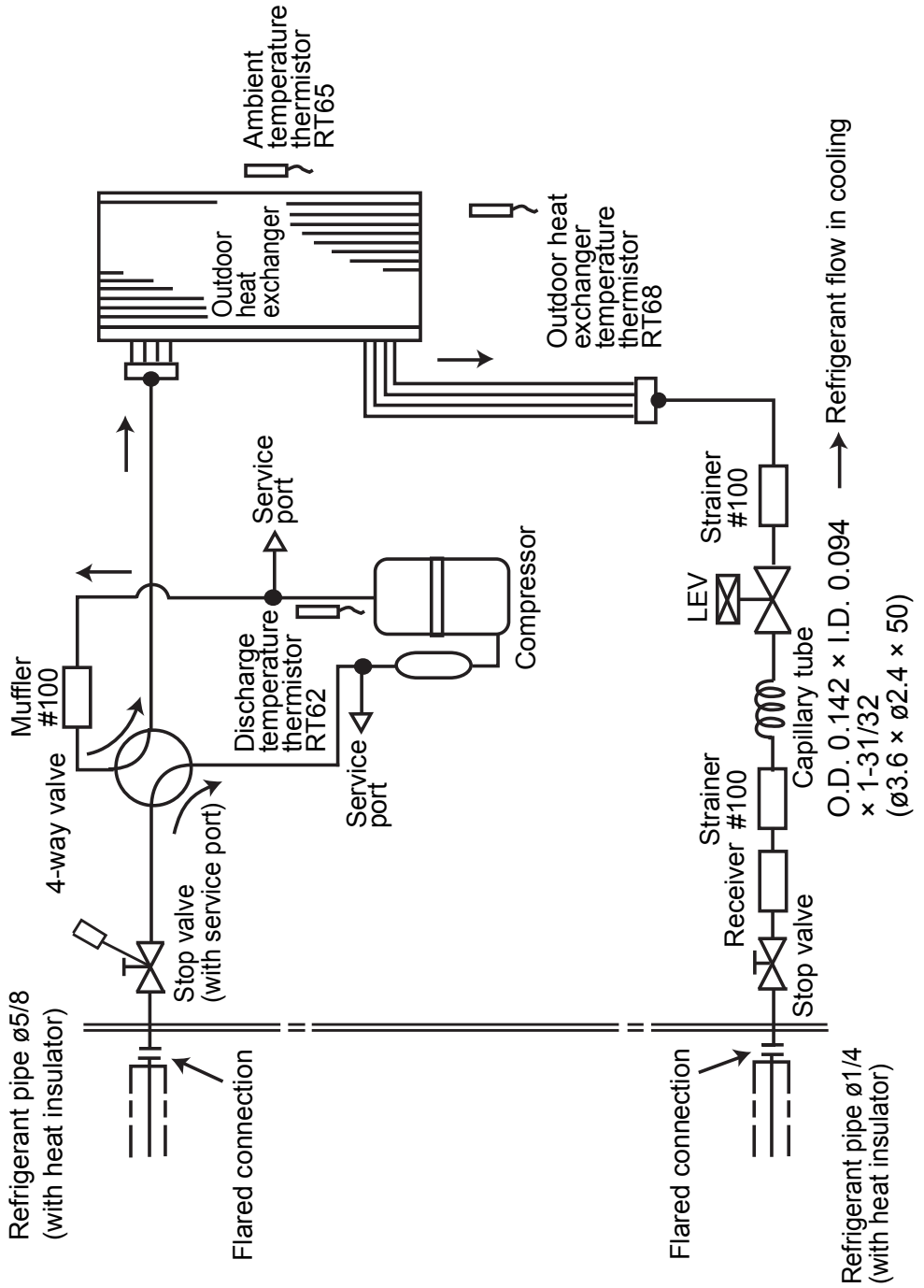
MUZ-GE18NA-1

Unit: inch



Due to continuing improvement, above specification may be subject to change without notice.

MUZ-GE24NA

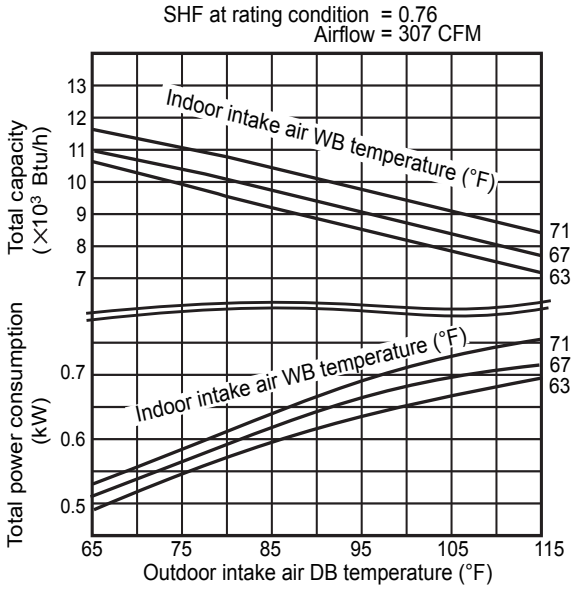


Due to continuing improvement, above specification may be subject to change without notice.

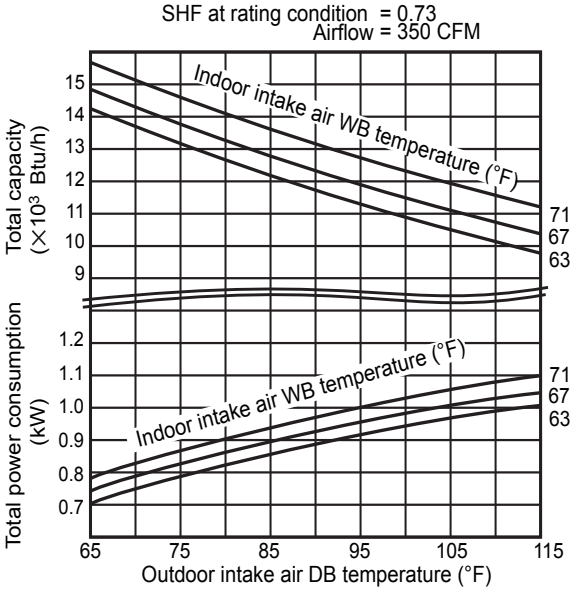
3-6. CAPACITY CORRECTION CURVE BY TEMPERATURE

(1) Cooling

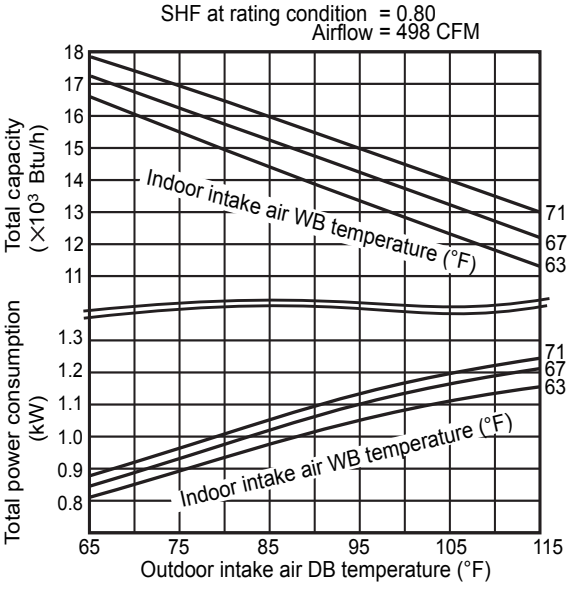
MUZ-GE09NA



MUZ-GE12NA



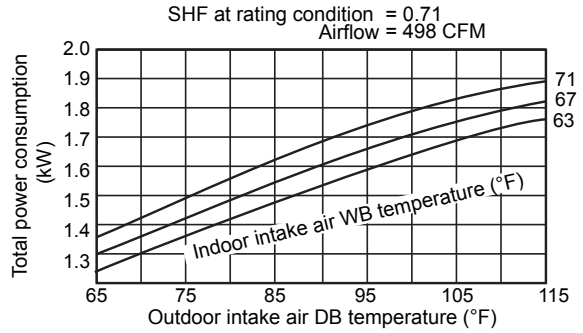
MUZ-GE15NA-1



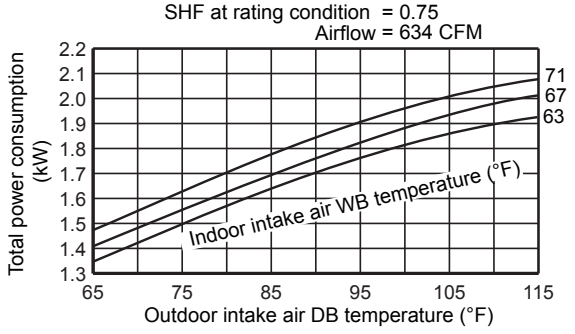
Due to continuing improvement, above specification may be subject to change without notice.

3-6. CAPACITY CORRECTION CURVE BY TEMPERATURE

MUZ-GE18NA-1



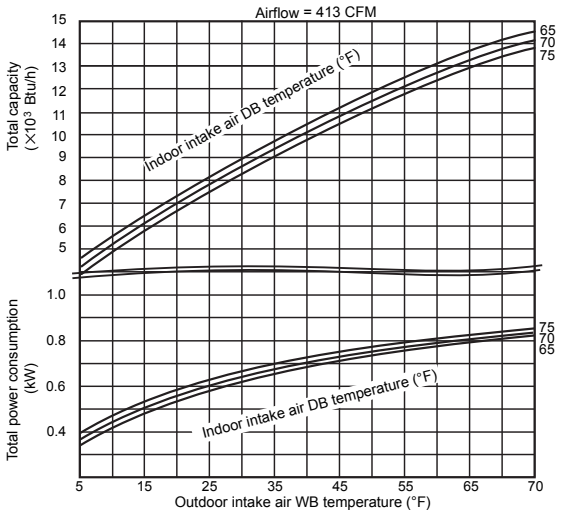
MUZ-GE24NA



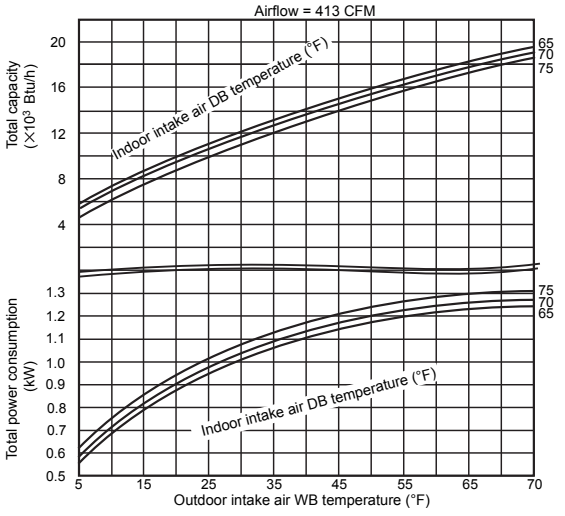
Due to continuing improvement, above specification may be subject to change without notice.

(2) Heating

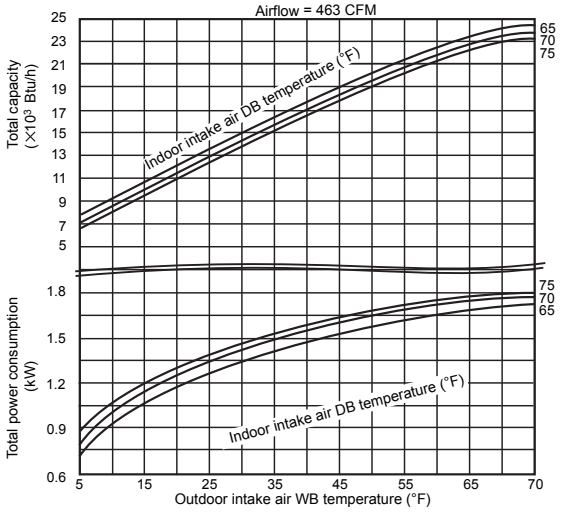
MUZ-GE09NA



MUZ-GE12NA



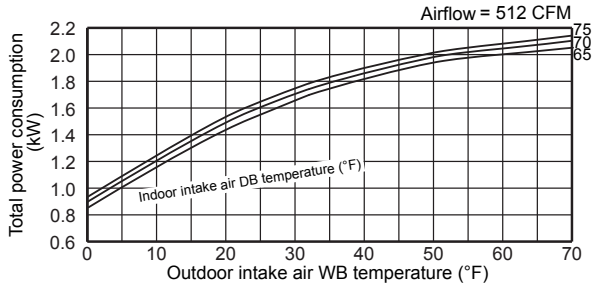
MUZ-GE15NA-1



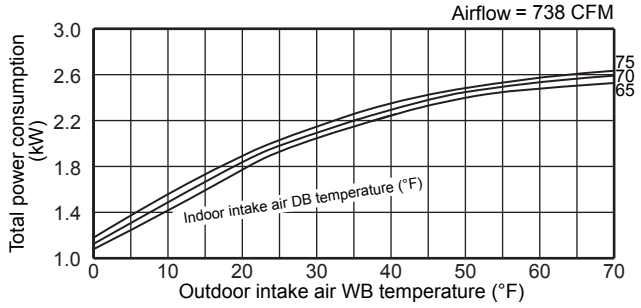
Due to continuing improvement, above specification may be subject to change without notice.

3-6. CAPACITY CORRECTION CURVE BY TEMPERATURE

MUZ-GE18NA-1



MUZ-GE24NA



Due to continuing improvement, above specification may be subject to change without notice.

(1) MUZ-GE09NA MUZ-GE12NA MUZ-GE15NA-1 MUZ-GE18NA-1

(1) Cooling Capacity

Model	Indoor air IWB (°F)	Outdoor intake air DB temperature (°F)															
		75			85			95			105			115			
		TC	SHC	TPC	TC	SHC	TPC	TC	SHC	TPC	TC	SHC	TPC	TC	SHC	TPC
MUZ-GE09NA	71	11.0	7.6	0.59	10.3	7.1	0.64	9.7	6.6	0.69	9.0	6.2	0.73	8.3	5.7	0.76
	67	10.4	8.6	0.55	9.7	8.0	0.61	9.0	7.4	0.66	8.4	6.9	0.70	7.7	6.3	0.73
	63	9.8	9.4	0.53	9.1	8.7	0.58	8.5	8.1	0.63	7.7	7.3	0.67	7.0	6.7	0.70
MUZ-GE12NA	71	14.7	8.9	0.85	13.7	8.3	0.94	12.9	7.8	1.01	12.0	7.3	1.06	11.0	6.7	1.10
	67	13.9	10.3	0.81	13.0	9.6	0.89	12.0	8.9	0.96	11.2	8.3	1.02	10.3	7.6	1.07
	63	13.1	11.4	0.77	12.1	10.6	0.85	11.3	9.9	0.92	10.3	9.0	0.98	9.4	8.2	1.02
MUZ-GE15NA-1	71	17.2	11.4	0.96	16.0	10.7	1.05	15.1	10.0	1.13	14.0	9.3	1.19	12.9	8.6	1.24
	67	16.2	13.0	0.91	15.1	12.1	1.00	14.0	11.2	1.08	13.0	10.4	1.14	12.0	9.6	1.20
	63	15.3	14.2	0.86	14.1	13.2	0.96	13.2	12.3	1.03	12.0	11.2	1.10	10.9	10.2	1.14
MUZ-GE18NA-1	71	21.1	12.2	1.46	19.7	11.4	1.60	18.5	10.7	1.72	17.2	9.9	1.81	15.8	9.1	1.89
	67	20.0	14.2	1.38	18.6	13.2	1.52	17.2	12.2	1.64	16.0	11.4	1.74	14.7	10.4	1.82
	63	18.7	15.8	1.31	17.4	14.7	1.45	16.2	13.6	1.57	14.7	12.4	1.67	13.4	11.3	1.74

NOTE: 1. IWB: Intake air wet-bulb temperature
TC: Total Capacity ($\times 10^3$Btu/h)
SHC: Sensible Heat Capacity ($\times 10^3$Btu/h)
TPC: Total Power Consumption (kW)
2. SHC is based on 80˚F of indoor Intake air DB temperature.

Due to continuing improvement, above specification may be subject to change without notice.

(2) MUZ-GE09NA MUZ-GE12NA MUZ-GE15NA-1 MUZ-GE18NA-1

(2) Heating Capacity

Model	Indoor air	Outdoor intake air WB temperature (˚F)															
	IDB (˚F)	5		15		25		35		43		45		55	
		TC	TPC	TC	TPC	TC	TPC	TC	TPC	TC	TPC	TC	TPC	TC	TPC
MUZ-GE09NA	75	4.8	0.45	6.3	0.57	7.9	0.67	9.4	0.74	10.6	0.78	11.0	0.79	12.4	0.82
	70	5.2	0.43	6.7	0.55	8.2	0.65	9.6	0.72	10.9	0.76	11.2	0.78	12.7	0.81
	65	5.5	0.41	6.9	0.52	8.6	0.63	10.0	0.70	11.2	0.74	11.6	0.75	13.0	0.79
MUZ-GE12NA	75	6.3	0.69	8.4	0.87	10.4	1.02	12.5	1.14	14.0	1.20	14.5	1.22	16.4	1.26
	70	6.8	0.66	8.9	0.84	10.8	1.00	12.7	1.11	14.4	1.17	14.8	1.19	16.8	1.24
	65	7.2	0.63	9.1	0.81	11.3	0.97	13.2	1.08	14.8	1.14	15.3	1.16	17.1	1.22
MUZ-GE15NA-1	75	7.9	0.63	10.4	0.79	13.1	0.93	1.56	1.03	17.6	1.09	18.1	1.10	20.5	1.14
	70	8.6	0.60	11.1	0.76	13.5	0.91	15.9	1.01	18.0	1.06	18.5	1.08	21.0	1.12
	65	9.0	0.57	11.3	0.73	14.1	0.87	16.5	0.98	18.5	1.03	19.1	1.05	21.4	1.10
MUZ-GE18NA-1	75	9.1	0.64	11.9	0.81	14.9	0.95	17.8	1.06	20.1	1.12	20.7	1.13	23.5	1.18
	70	9.8	0.62	12.7	0.78	15.5	0.93	18.2	1.04	20.6	1.09	21.2	1.11	24.0	1.16
	65	10.3	0.59	13.0	0.75	16.2	0.90	18.8	1.01	21.2	1.06	21.8	1.08	24.5	1.13

NOTE: 1. IDB: Intake air dry-bulb temperature
TC: Total Capacity ($\times 10^3$ Btu/h)
TPC: Total Power Consumption (kW)
2. Above data is for heating operation without any frost.

How to operate with fixed operational frequency of the compressor.
1. Press the EMERGENCY OPERATION switch on the front of the indoor unit, and select either EMERGENCY COOL mode or EMERGENCY HEAT mode before starting to operate the air conditioner.
2. The compressor starts with operational frequency.
3. The fan speed of the indoor unit is High.
4. This operation continues for 30 minutes.
5. In order to release this operation, press the EMERGENCY OPERATION switch twice or once, or press any button on the remote controller.

3-7. CAPACITY CORRECTION TABLE BY TEMPERATURE

(3) M-Series Cooling Correction

	70	77	81	86	95	104	115
60	1.11	1.06	1.01	0.97	0.91	0.83	0.76
63	1.16	1.10	1.06	1.02	0.96	0.88	0.81
64	1.18	1.13	1.08	1.04	0.98	0.90	0.83
68	1.23	1.18	1.14	1.10	1.03	0.96	0.89
72	1.28	1.23	1.20	1.15	1.09	1.02	0.95
75	1.34	1.29	1.26	1.22	1.15	1.08	1.02
79	1.38	1.34	1.32	1.28	1.21	1.14	1.07

(4) M-Series Defrost Correction

Outdoor intake temperature W.B. [° F]	43	39	36	32	28	25	21	18	14
Outdoor intake temperature W.B. [° C]	6	4	2	0	-2	-4	-6	-8	-10
Correction factor	1.00	0.80	0.82	0.84	0.87	0.90	0.93	0.96	1.00

3-7. CAPACITY CORRECTION TABLE BY TEMPERATURE

(5) M-Series Heating Correction

		Outdoor W.B. [° F]							
		-13	-4	5	14	23	32	41	50
	Indoor								
	EAT DB								
MUZ-GE24NA	60			0.81	0.95	0.99	1.03	1.07	1.07
MUZ-GE18NA-1	60			0.67	0.82	0.94	1.04	1.07	1.07
MUZ-GE15NA-1	60			0.77	0.93	0.99	1.01	1.07	1.07
MUZ-GE12NA	60			0.68	0.83	0.94	1.04	1.07	1.07
MUZ-GE09NA	60			0.69	0.85	0.98	1.07	1.07	1.07
Interpolated Data Between 60 and 65 Indoor EAT DB data sets									
MUZ-GE24NA	63			0.80	0.93	0.97	1.01	1.05	1.05
MUZ-GE18NA-1	63			0.66	0.81	0.92	1.02	1.05	1.05
MUZ-GE15NA-1	63			0.75	0.91	0.97	0.99	1.05	1.05
MUZ-GE12NA	63			0.67	0.82	0.93	1.02	1.05	1.05
MUZ-GE09NA	63			0.68	0.83	0.96	1.05	1.05	1.05
MUZ-GE24NA	65			0.79	0.92	0.96	1.00	1.03	1.03
MUZ-GE18NA-1	65			0.65	0.80	0.91	1.00	1.03	1.03
MUZ-GE15NA-1	65			0.74	0.90	0.96	0.97	1.03	1.03
MUZ-GE12NA	65			0.66	0.81	0.91	1.01	1.03	1.03
MUZ-GE09NA	65			0.67	0.82	0.94	1.03	1.03	1.03
MUZ-GE24NA	70			0.76	0.89	0.93	0.96	1.00	1.00
MUZ-GE18NA-1	70			0.63	0.77	0.88	0.97	1.00	1.00
MUZ-GE15NA-1	70			0.72	0.87	0.93	0.94	1.00	1.00
MUZ-GE12NA	70			0.64	0.78	0.88	0.97	1.00	1.00
MUZ-GE09NA	70			0.65	0.79	0.91	1.00	1.00	1.00
MUZ-GE24NA	75			0.73	0.86	0.89	0.93	0.96	0.96
MUZ-GE18NA-1	75			0.61	0.74	0.85	0.93	0.96	0.96
MUZ-GE15NA-1	75			0.69	0.84	0.90	0.91	0.96	0.96
MUZ-GE12NA	75			0.61	0.75	0.85	0.94	0.96	0.96
MUZ-GE09NA	75			0.62	0.77	0.88	0.96	0.96	0.96
MUZ-GE24NA	80			0.71	0.83	0.86	0.89	0.93	0.93
MUZ-GE18NA-1	80			0.58	0.71	0.82	0.90	0.93	0.93
MUZ-GE15NA-1	80			0.67	0.81	0.86	0.87	0.93	0.93
MUZ-GE12NA	80			0.59	0.72	0.82	0.90	0.93	0.93
MUZ-GE09NA	80			0.60	0.74	0.85	0.93	0.93	0.93

Due to continuing improvement, above specification may be subject to change without notice.

3-8. CAPACITY CORRECTION CURVE BY REFRIGERANT PIPING LENGTH

DUE TO CONTINUING RESEARCH AND PRODUCT IMPROVEMENT, SPECIFICATIONS AND DATA ARE STILL UNDER REVIEW

Due to continuing improvement, above specification may be subject to change without notice.

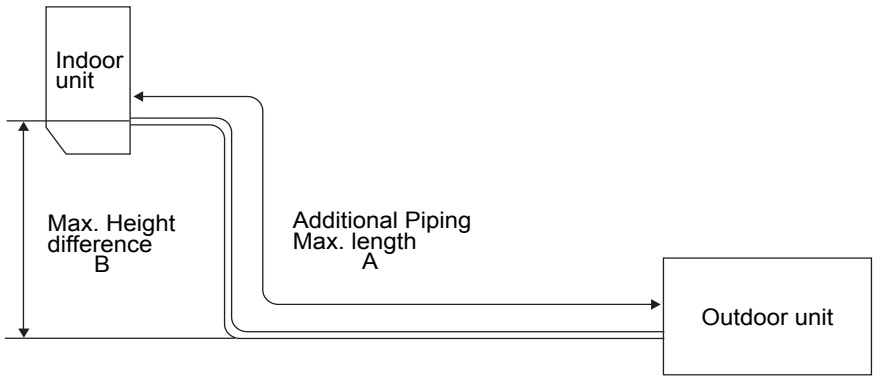
3-9. CAPACITY CORRECTION TABLE BY REFRIGERANT PIPING LENGTH

(1) Cooling Capacity Correction

Refrigerant piping length (one way: ft.)				
	25 (std.)	40	65	100
MUZ-GE09NA MUZ-GE12NA MUZ-GE15NA-1 MUZ-GE18NA-1	1.0	0.954	0.878	-
MUZ-GE24NA	1.0	0.954	0.878	0.771

(2) Maximum Refrigerant Piping Length & Maximum Height Difference

Model	Refrigerant piping: ft		Piping size: in.	
	Additional piping Max. length A	Additional piping Max. height B	Gas	Liquid
			Outside diameter	Outside diameter
MUZ-GE09NA	65	40	ϕ3/8	ϕ1/4
MUZ-GE12NA MUZ-GE15NA-1	65	40	ϕ1/2	ϕ1/4
MUZ-GE18NA-1	100	50	ϕ1/2	ϕ3/8
MUZ-GE24NA	100	50	ϕ5/8	ϕ3/8



Due to continuing improvement, above specification may be subject to change without notice.

(3) M-Series Piping Correction Cooling

Refrigerant piping length (ft)			
25(std)	40	65	100
1.000	0.954	0.878	0.771

(4) M-Series Piping Correction Heating

Refrigerant piping length (ft)			
25(std)	40	65	100
1.000	0.989	0.972	0.955

3-10. CHARGE CALCULATIONS

(1) Additional Refrigerant Charge (R410a: Oz.)

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

Model	Outdoor unit precharged	Refrigerant piping length (one way): ft.					
		25ft	30ft	40ft	50ft	60ft	65ft
MUZ-GE09NA	1 lb. 12 oz.	0	1.62	4.86	8.10	11.34	12.96
MUZ-GE12NA	2 lb. 9 oz.						
MUZ-GE15NA-1							

NOTE: Calculation: X oz. = 1.62/5 oz./ft × (Refrigerant piping length (ft) - 25)

Model	Outdoor unit precharged	Refrigerant piping length (one way): ft.								
		25	30	40	50	60	70	80	90	100
MUZ-GE18NA-1	3 lb. 7 oz.	0	1.08	3.24	5.40	7.56	9.72	11.88	14.04	16.20

NOTE: Calculation: X oz. = 1.08/5 oz./ft × (Refrigerant piping length (ft) - 25)

NOTE: Refrigerant piping exceeding 33 ft. requires additional refrigerant charge according to the calculation.

Model	Outdoor unit precharged	Refrigerant piping length (one way): ft.							
		33	40	50	60	70	80	90	100
MUZ-GE24NA	4 lb. 3 oz.	0	4.14	10.06	15.98	21.90	27.82	33.74	39.66

NOTE: Calculation: X oz. = 2.96/5 oz./ft × (Refrigerant piping length (ft) - 33)

Outlet Air Speed And Coverage

Model name	Mode	Function	Airflow (CFM)	Air speed (ft./s.)	Coverage (ft.)
MSZ-GE06NA-8	HEAT	Dry	406	20.6	29.5
	COOL	Dry	321	16.3	23.5
		Wet	286	14.5	21.0
MSZ-GE09NA-8	HEAT	Dry	406	20.6	29.5
	COOL	Dry	321	16.3	23.5
		Wet	286	14.5	21.0
MSZ-GE12NA-8	HEAT	Dry	406	20.6	29.5
	COOL	Dry	321	16.3	23.5
		Wet	286	14.5	21.0
MSZ-GE15NA-8	HEAT	Dry	463	23.4	33.5
	COOL	Dry	420	21.3	30.5
		Wet	385	19.5	28.0
MSZ-GE18NA-8	HEAT	Dry	512	25.9	36.9
	COOL	Dry	420	21.3	30.5
		Wet	385	19.5	28.0
MSZ-GE24NA	HEAT	Dry	738	18.0	36.9
	COOL	Dry	738	18.0	36.9
		Wet	661	16.1	31.9

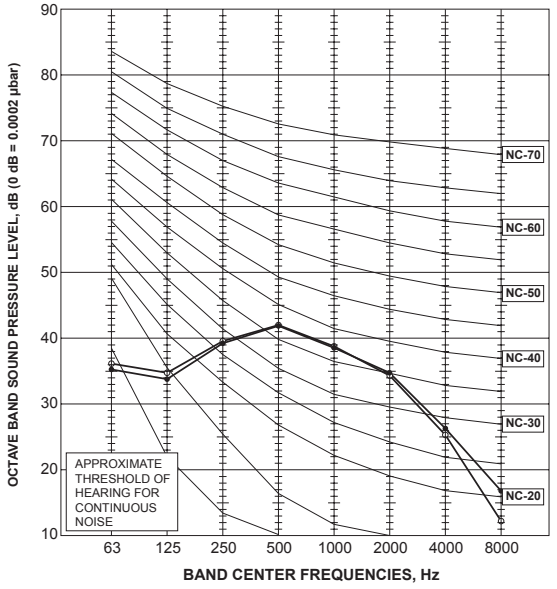
- The air coverage is the figure up to the position where the air speed is 1 ft./s., when air is blown out horizontally from the unit properly at the High speed position.
  The coverage should be used only as a general guideline since it varies according to the size of the room and furniture arranged inside the room.

3-12. SOUND PRESSURE LEVELS

(1) Indoor Unit

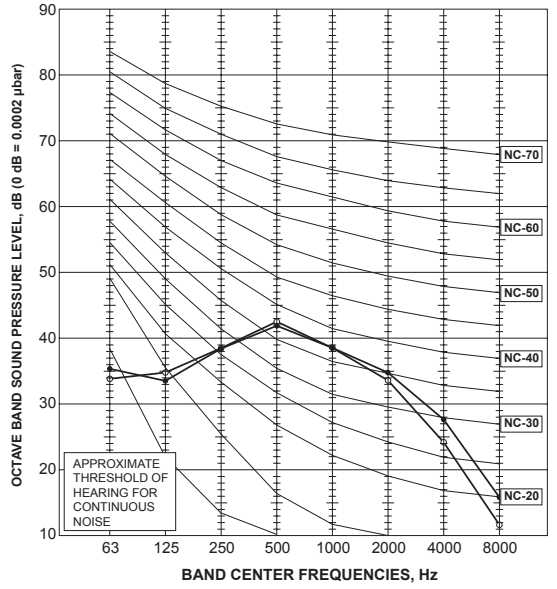
MSZ-GE06NA-8
MSZ-GE09NA-8

NOTCH	SPL(dB(A))	LINE
COOLING(SHi)	43	
HEATING(SHi)	43	



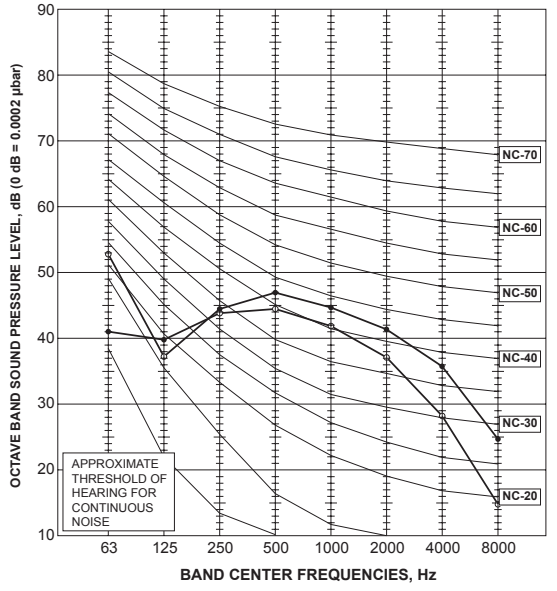
MSZ-GE12NA-8

NOTCH	SPL(dB(A))	LINE
COOLING(SHi)	45	
HEATING(SHi)	43	



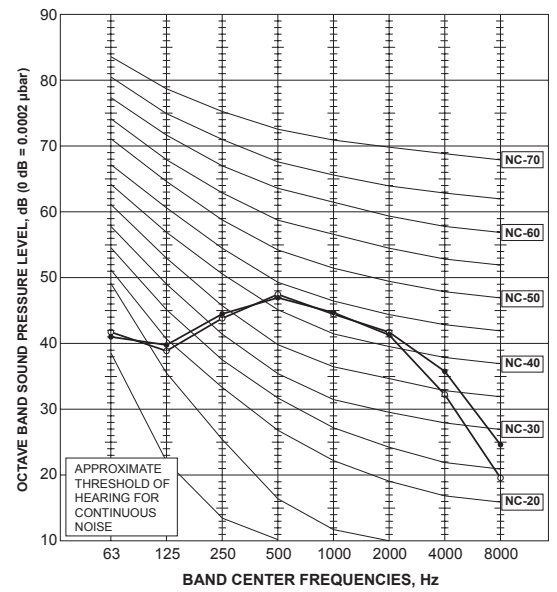
MSZ-GE15NA-8

NOTCH	SPL(dB(A))	LINE
COOLING(SHi)	49	
HEATING(SHi)	46	



MSZ-GE18NA-8

NOTCH	SPL(dB(A))	LINE
COOLING(SHi)	49	
HEATING(SHi)	48	



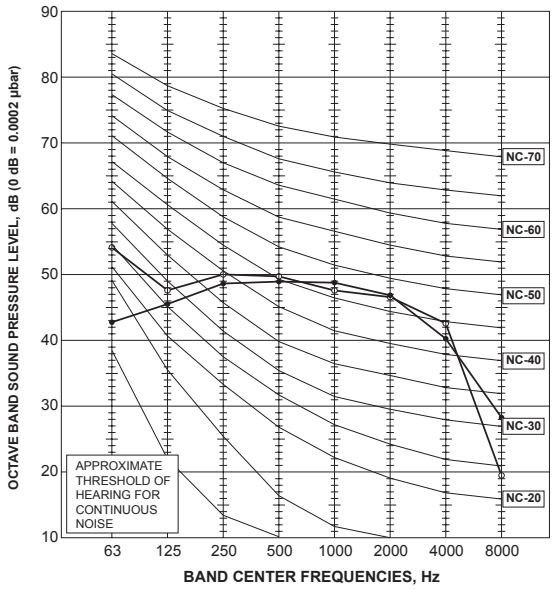
NOTE: The sound level is measured in an anechoic room where echoes are few, when compressor stops. The sound may be bigger than displayed level under actual installation condition by surrounding echoes. The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

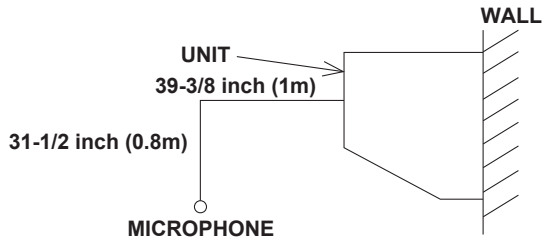
Due to continuing improvement, above specification may be subject to change without notice.

3-12. SOUND PRESSURE LEVELS

MSZ-GE24NA

NOTCH	SPL(dB(A))	LINE
COOLING(Rated)	53	
HEATING(Rated)	53	



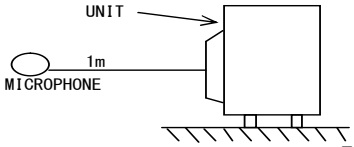


- NOTE:The sound level is measured in an anechoic room where echoes are few,when compressor stops.The sound may be bigger than displayed level under actual installation condition by surrounding echoes.The sound level can be higher by about 2 dB than the displayed level during cooling and heating operation.

Due to continuing improvement, above specification may be subject to change without notice.

(2) Outdoor Unit

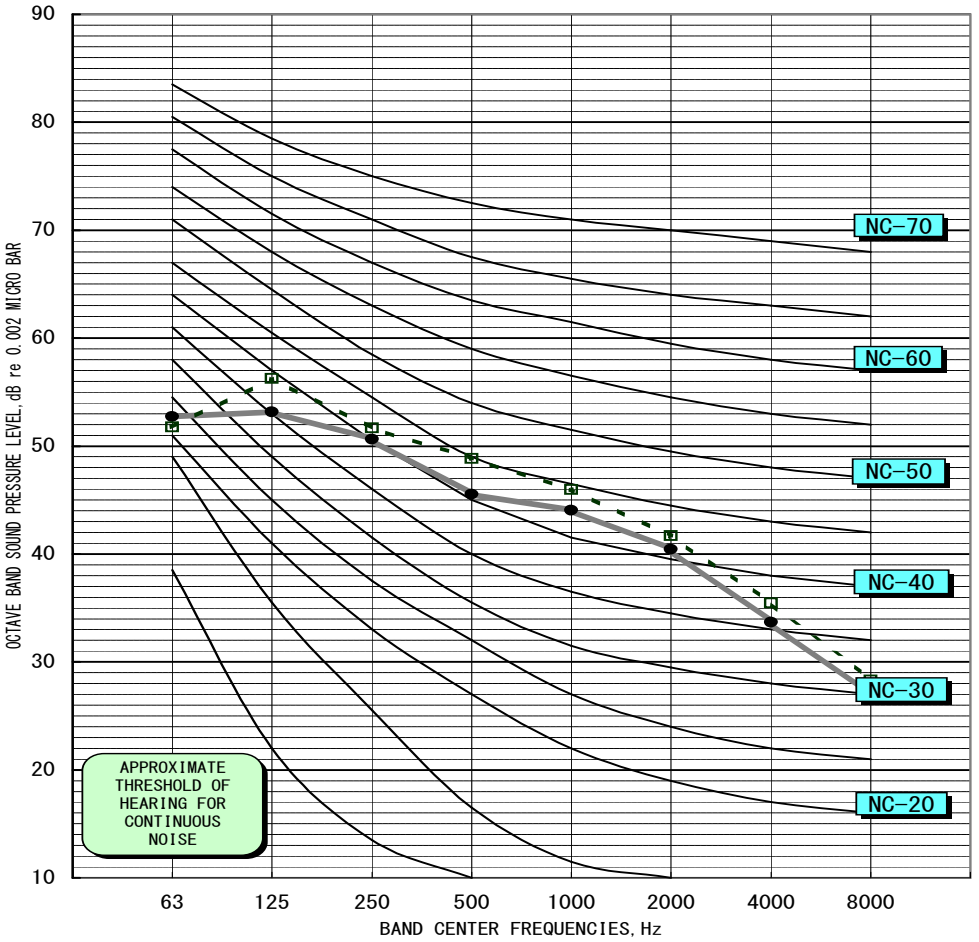
MUZ-GE09NA



NOTCH	SPL (dB(A))	LINE
COOL	49	
HEAT	51	

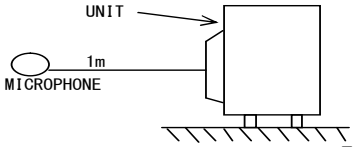
Test conditions are based on JIS Z8731

Ambient temperature Cooling DB : 35°C WB:24°C
Heating DB : 7°C WB: 6°C



Due to continuing improvement, above specification may be subject to change without notice.

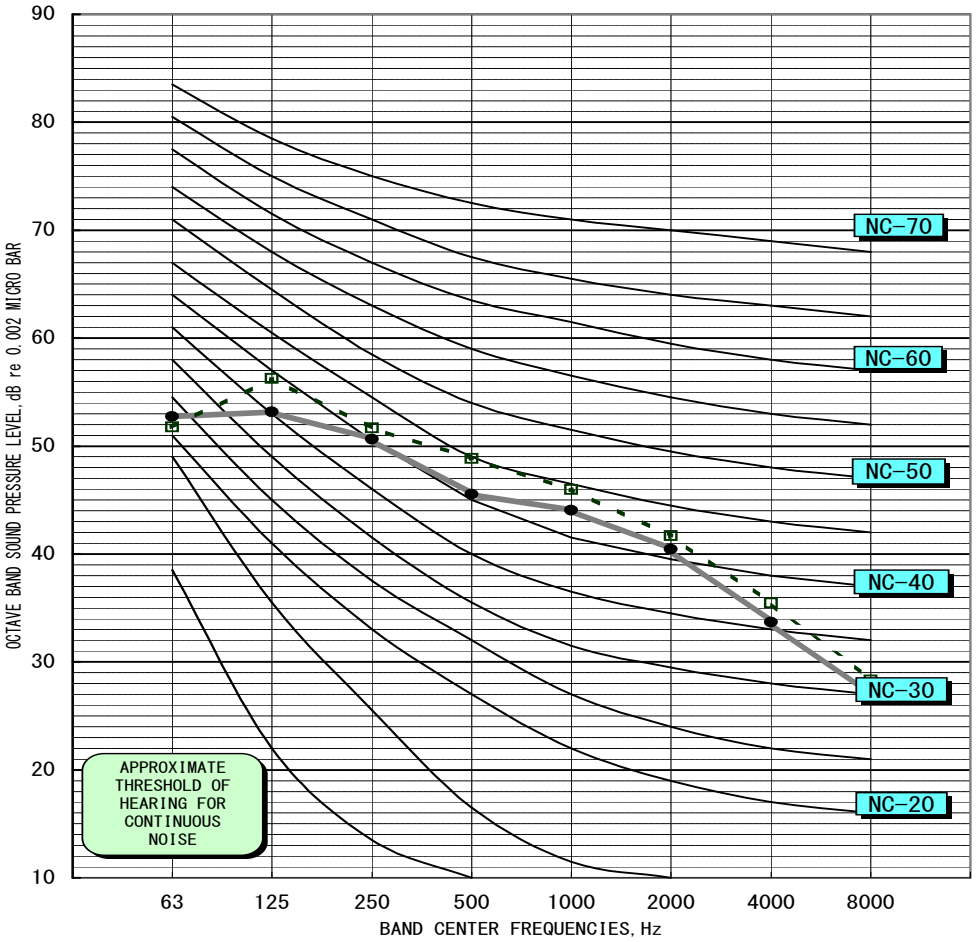
MUZ-GE12NA



NOTCH	SPL (dB(A))	LINE
COOL	49	●——●
HEAT	51	□---□

Test conditions are based on JIS Z8731

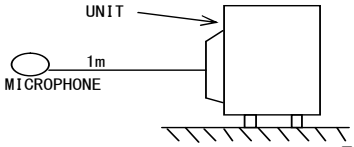
Ambient temperature Cooling DB : 35℃ WB:24℃
Heating DB : 7℃ WB: 6℃



Due to continuing improvement, above specification may be subject to change without notice.

3-12. SOUND PRESSURE LEVELS

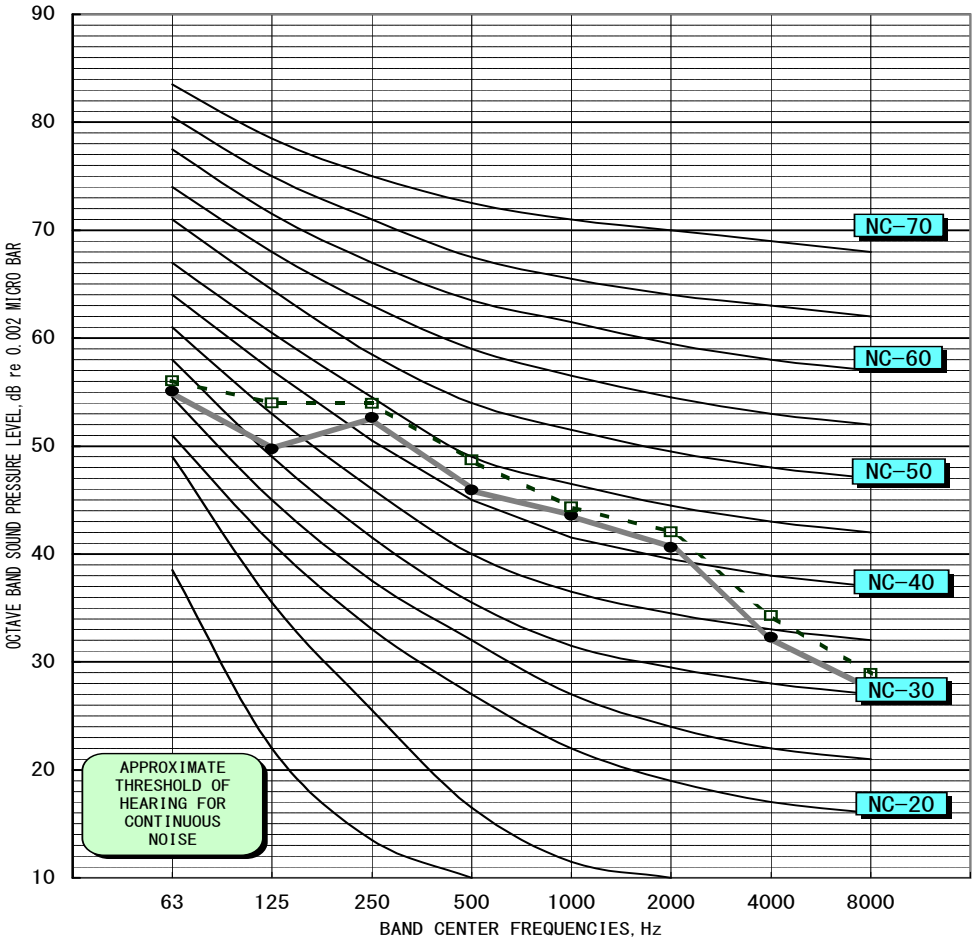
MUZ-GE15NA-1



NOTCH	SPL (dB(A))	LINE
COOL	49	●——●
HEAT	51	□---□

Test conditions are based on JIS Z8731

Ambient temperature Cooling DB : 35℃ WB:24℃
Heating DB : 7℃ WB: 6℃

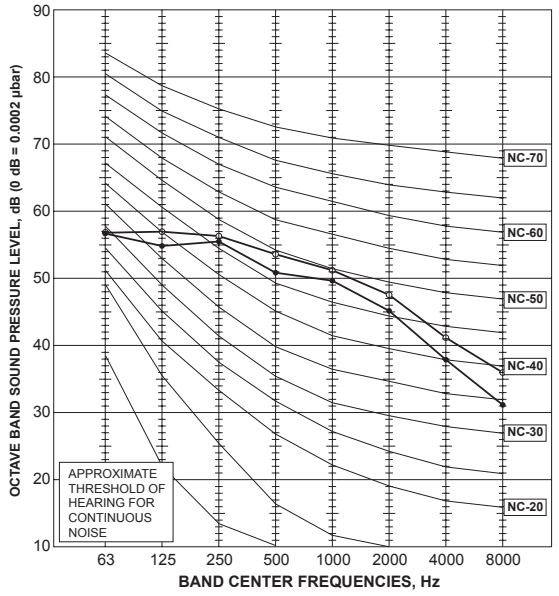


Due to continuing improvement, above specification may be subject to change without notice.

3-12. SOUND PRESSURE LEVELS

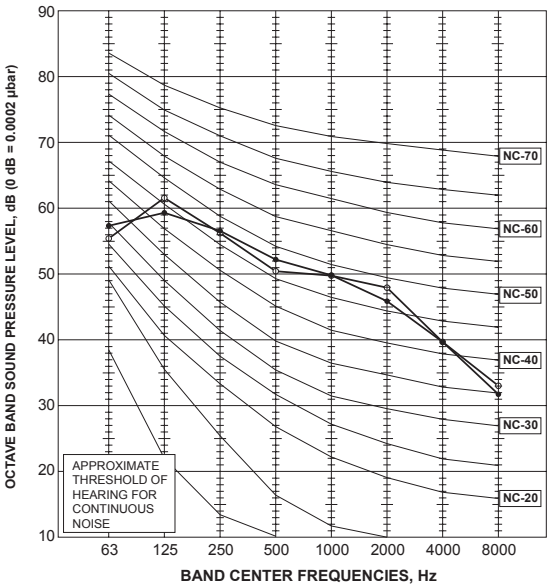
MUZ-GE18NA-1

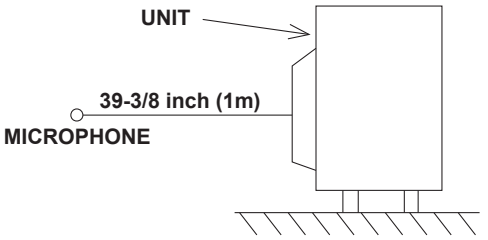
NOTCH	SPL(dB(A))	LINE
COOLING	54	●—●
HEATING	56	○—○



MUZ-GE24NA

NOTCH	SPL(dB(A))	LINE
COOLING	55	●—●
HEATING	55	○—○



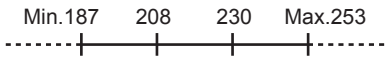


Due to continuing improvement, above specification may be subject to change without notice.

3-13. STANDARD OPERATION RANGE

OPERATING RANGE

(A) POWER SUPPLY

	Rated voltage	Guaranteed Voltage (V)
Outdoor unit	208/230 V 1 phase 60 Hz	

(B) OPERATION

Mode	Condition	Intake air temperature (°F)			
		Indoor		Outdoor	
		DB	WB	DB	WB
Cooling	Standard temperature	80	67	95	—
	Maximum temperature	90	73	115	—
	Minimum temperature	67	57	14	—
	Maximum humidity	78%		—	
Heating	Standard temperature	70	60	47	43
	Maximum temperature	80	67	75	65
	Minimum temperature	70	60	5	4

Due to continuing improvement, above specification may be subject to change without notice.

3-14. MAXIMUM HEATING CAPACITY IN LOW AMBIENT TEMPERATURE

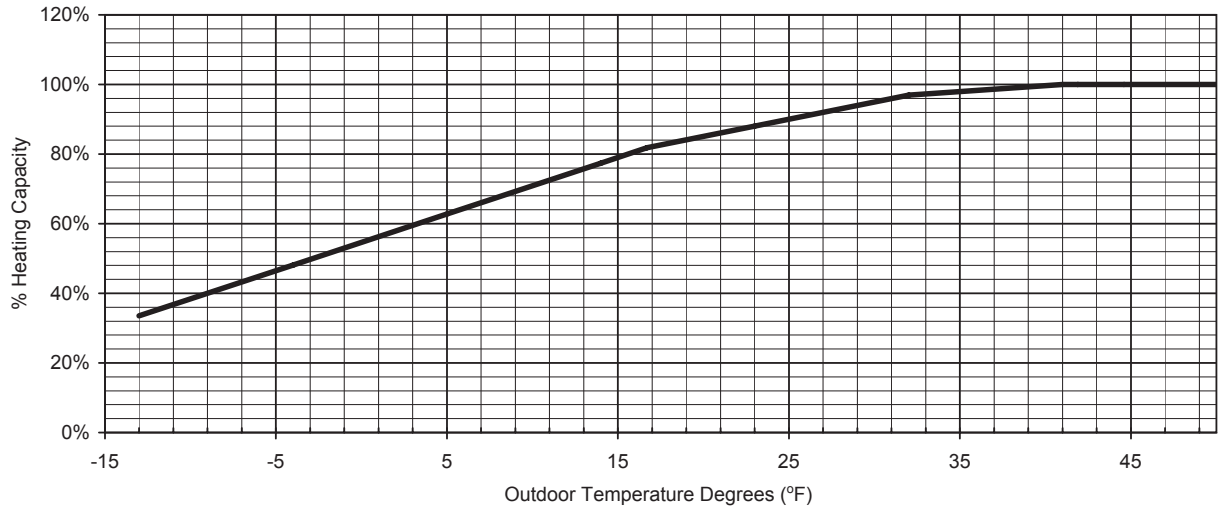
MUZ-GE09NA MUZ-GE12NA MUZ-GE15NA-1

DUE TO CONTINUING RESEARCH AND PRODUCT IMPROVEMENT, SPECIFICATIONS AND DATA ARE STILL UNDER REVIEW

Due to continuing improvement, above specification may be subject to change without notice.

3-14. MAXIMUM HEATING CAPACITY IN LOW AMBIENT TEMPERATURE

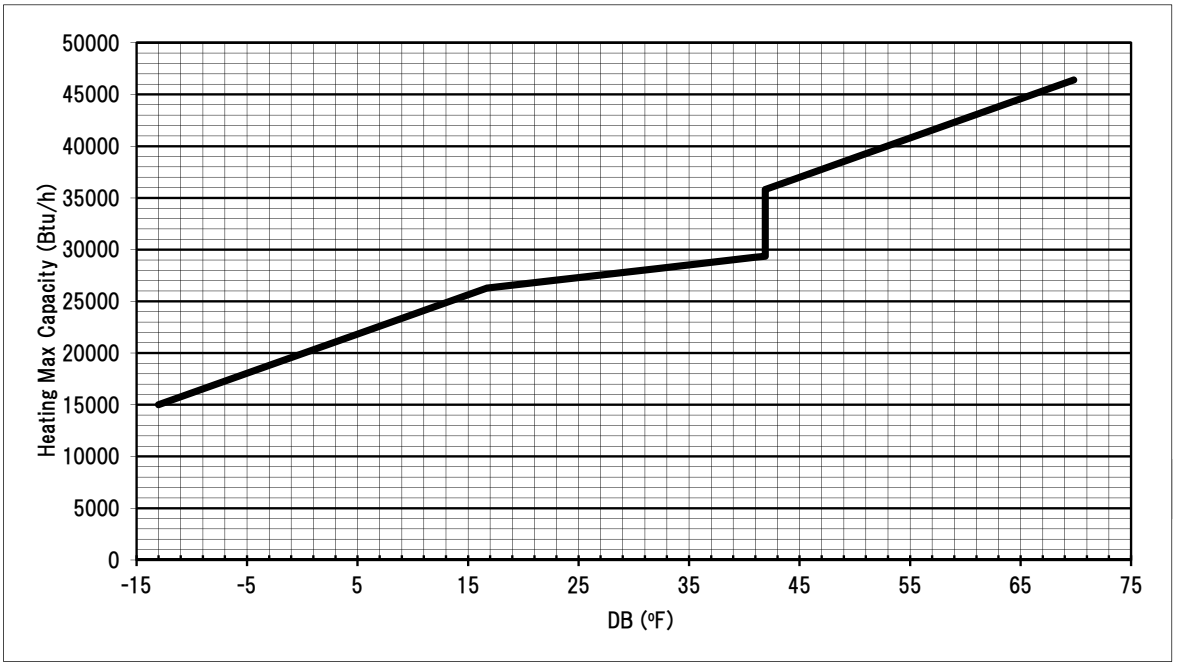
MUZ-GE18NA



HEATING CAPACITY

Outdoor Temperature Degrees (ºF)	-13.0	-4.0	5.0	14.0	23.0	32.0	41.0	50.0	69.8
% Heating Capacity	34%	48%	63%	77%	88%	97%	100%	100%	100%

MUZ-GE24NA



HEATING MAX CAPACITY

DB (ºF)	-13.0	-4.0	5.0	14.0	23.0	32.0	41.0	50.0	69.8
Q (Btu/h)	15010	18422	21835	25248	27047	28153	29259	38899	46406
W(kW)	2.85	3.00	3.15	3.25	3.35	3.50	3.60	3.70	3.80
COP	5.27	6.14	6.93	7.77	8.07	8.04	8.13	10.51	12.21

Due to continuing improvement, above specification may be subject to change without notice.

3-15. ACCESSORIES

(1) Indoor Unit

Part Number	Descriptions	Applicable model
C13-103	Blue Diamond Sensor Extension Cable - 15 Ft.	All Models
DPLS1	Drain Pan Level Sensor/Control for indoor unit shut off to prevent Drain Pan Overflow	
MAC-2310FT-E	Anti-Allergy Enzyme Filter (qty of 2)	GE24
MAC-308FT-E	Platinum Catalyst Deodorizing Filter	GE06,09,12,15,18
MAC-333IF-E	System Control Interface - MA, Contact terminal, and M-NET Control Adapter, Supplemental heat and humidifier adaptor	All Models
MAC-408FT-E	Anti-Allergy Enzyme Filter (qty of 2)	GE06,09,12,15,18
MCCH1	Portable Central Controller (PCC) - controls up to 16 RedLINK Zones - requires an MHK1 on each indoor unit	All Models
MHK1	Wireless wall-mounted remote controller (MRCH1) with a signal receiver (MIFH1) and cable (MRC1) all in one kit	
MOS1	Outdoor Air Sensor - reads both outside temperature and humidity displayed on MRCH1 and MCCH1 if installed	
PAC-YT53CRAU	Simple MA Remote Controller (requires MAC-333IF-E interface for MSY/Z and MFZ indoor units)	
PAR-31MAA	Wall mounted, hard wired, multi-functional controller: used specifically for grouping (up to 16 units), twinning, lead/lag, and 7 day programmable applications (requires MAC-333IF-E interface for MSY/Z and MFZ indoor units)	
RCMKP1CB	Lockdown Bracket for wireless, hand-held, remote controllers	

(1) Indoor Unit Cont.

Part Number	Descriptions		Applicable model
SI30-115	Mini-Condensation pump - 115 volt application		All Models
SI30-230	Mini-Condensation pump - 230 volt application		
TAZ-MS303	3-Pole Disconnect Switch 30 Amps 600 volts rated for interupting power supply at/near indoor unit - fits 2 X 4 utility box		
X87-721	Advanced Blue Diamond Mini-Condensation pump w/ Resevoir & Sensor - 208/230 volt application		
MLS143812T-15	Diamondback Linesets	1/4 x 3/8 x 15' / 1/2" Twin-Tube Insulation	GE09,12
MLS143812T-30		1/4 x 3/8 x 30' / 1/2" Twin-Tube Insulation	
MLS143812T-50		1/4 x 3/8 x 50' / 1/2" Twin-Tube Insulation	
MLS143812T-65		1/4 x 3/8 x 65' / 1/2" Twin-Tube Insulation	
MLS141212T-15		1/4 x 1/2 x 15' / 1/2" Twin-Tube Insulation	GE15,18
MLS141212T-30		1/4 x 1/2 x 30' / 1/2" Twin-Tube Insulation	
MLS141212T-50		1/4 x 1/2 x 50' / 1/2" Twin-Tube Insulation	
MLS141212T-65		1/4 x 1/2 x 65' / 1/2" Twin-Tube Insulation	
MLS141212T-100		1/4 x 1/2 x 100' / 1/2" Twin-Tube Insulation	

(1) Indoor Unit Cont.

Part Number	Descriptions		Applicable model
MPLS385812T-10	Diamondback Linesets	3/8 x 5/8 x 10' / 1/2" Twin-Tube Insulation	GE24
MPLS385812T-15		3/8 x 5/8 x 15' / 1/2" Twin-Tube Insulation	
MPLS385812T-30		3/8 x 5/8 x 30' / 1/2" Twin-Tube Insulation	
MPLS385812T-50		3/8 x 5/8 x 50' / 1/2" Twin-Tube Insulation	
MPLS385812T-65		3/8 x 5/8 x 65' / 1/2" Twin-Tube Insulation	
MPLS385812T-100		3/8 x 5/8 x 100' / 1/2" Twin-Tube Insulation	

(2) Outdoor Unit

Part Number	Descriptions	Applicable model
CWMB1	4 piece (1 pair) condensing unit wall mounting brackets - painted steel	All Models
DSD-400P	Outdoor Unit 3-1/4 inch Mounting Base (Pair) - Plastic	
MAC-640BH-U	Outdoor Unit Drain Pan Heater used during defrost cycle	GE09,12,15
MAC-641BH-U	Outdoor Unit Drain Pan Heater used during defrost cycle	GE18
MAC-642BH-U	Outdoor Unit Drain Pan Heater used during defrost cycle	GE24
MAC-811DS	Outdoor drain pan socket - Provides pipe connection to route condensate out of drain pan	GE18
MAC-851DS	Outdoor drain pan socket - Provides pipe connection to route condensate out of drain pan	GE24
MAC-860DS	Outdoor drain pan socket - Provides pipe connection to route condensate out of drain pan	GE09,12,15
MAC-886SG-E	Outdoor air outlet guide for directing discharge air away from other outdoor unit	GE18,24
MAC-889SG	Outdoor air outlet guide for directing discharge air away from other outdoor unit	GE09,12,15,18,24
ULTRILITE1	Condensing Unit Mounting Pad 16" x 36" x 3"	All Models