SEZ-AD09NL & SUZ-AA09NLHZ
9,000 BTU/H LOW STATIC HORIZONTAL-DUCTED INDOOR UNIT
9,000 BTU/H HYPER HEAT PUMP OUTDOOR UNIT

Job Name:			
System Reference:		**Date:**	





INDOOR Unit ... SEZ-AD09NL

OUTDOOR Unit ... SUZ-AA09NLHZ

INDOOR UNIT FEATURES

- Wi-Fi Optional: A Wireless Interface Adapter can be ordered as an accessory for field installation.
- Three Speed Fan: Adjust the fan between three speed settings to optimal comfort.
- Auto Changeover: The unit will automatically switch between heating and cooling modes to maintain your desired temperature.
- Light Commercial: Light commercial applications include small offices, restaurants, and retail.
- Condensate Lift Mechanism: Reduces the need for an additional pump to remove condensate. Units with a condensate lift mechanism also include an overflow safety switch.

OUTDOOR UNIT FEATURES

- H2i® Hyper-Heating: 100% heating capacity down to 5° F .
- Inverter Driven Compressor: Inverter technology uses only the precise amount of energy needed to keep a space comfortable.
- Blue Fin Coating: Anti-corrosion coating that protects the outdoor heat exchanger against salt, sulfur, and other airborne contaminants that impact the efficiency and performance of the outdoor units.
- Base Pan Heater: This advanced base pan heater helps to prevent interrupted operation due to water freezing after a defrost cycle, ensuring your warmth and comfort during colder weather.
- Seacoast Protection: An anti-corrosion treatment applied to the aluminum fins of the heat exchanger of the outdoor unit to protect against corrosion caused by salt, sulfur, and other airborne contaminants, especially in coastal and industrial areas.

Specifications are subject to change without notice.

© 2026 Mitsubishi Electric Trane HVAC US LLC. All rights reserved.

SPECIFICATIONS: SEZ-AD09NL & SUZ-AA09NLHZ

Cooling at 95F[1]	Maximum Capacity	Btu/h	9000
	Rated Capacity	Btu/h	9000
	Minimum Capacity	Btu/h	4800
	Maximum Power Input	W	760
	Rated Power Input	W	760
	Moisture Removal	Pints/h	2
	Sensible Heat Factor		0.75
	Power Factor [208V / 230V]	%	97 / 97
Heating at 47F[2]	Maximum Capacity	Btu/h	14000
	Rated Capacity	Btu/h	12000
	Minimum Capacity	Btu/h	10500
	Maximum Power Input	W	1530
	Rated Power Input	W	1210
	Power Factor [208V / 230V]	%	98 / 98
Heating at 17F[3]	Maximum Capacity	Btu/h	12000
	Rated Capacity	Btu/h	7400
	Maximum Power Input	W	1840
	Rated Power Input	W	1050
Heating at 5F[5]	Maximum Capacity	Btu/h	12000
	Maximum Power Input	W	1850
Heating at -13F[9]	Maximum Capacity	Btu/h	7300
Efficiency	SEER2		14.80
	EER2[1]		11.80
	HSPF2 [IV]		8.10
	COP at 47°F[2]		2.90
	COP at 17°F at Maximum Capacity[3]		1.90
	COP at 5°F at Maximum Capacity[5]		1.90
	COP at -13°F at Maximum Capacity[9]		1.50
	ENERGY STAR® Certified		No
Electrical	Voltage, Phase, Frequency	V AC / V AC , ø , Hz	208 / 230 , 1 , 60
	Guaranteed Voltage Range	V AC	198 - 253
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	12-24
	Short-circuit Current Rating [SCCR]	kA	5
	Recommended Fuse/Breaker Size (Outdoor)	A	25
	Recommended Wire Size [Indoor - Outdoor]	AWG	14
Indoor Unit	MCA	A	0.95
	Breaker Size	A	15
	Fan Motor Output	W	96
	Fan Motor Type		DC Motor
	Airflow Rate at Cooling, Dry	CFM	194 , 247 , 317
	Airflow Rate at Heating, Dry	CFM	194 , 247 , 317
	Sound Pressure Level [Cooling]	dB (A)	23 , 26 , 30
	Sound Pressure Level [Heating]	dB (A)	23 , 26 , 30
	External Static Pressure	in.WG	0.02 , 0.06 , 0.14 , 0.20
	Drain Pipe Size O.D.	inch [mm]	1-1/4 [32]
	Condensate Lift Mechanism, Max Height	inch [mm]	21-21/32 [550]
	Dual Barrier Coating on Heat Exchanger		No
	Dual Barrier Coating on Fan		No
	Unit Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	31-1/8 x 27-9/16 x 7-7/8 [790 x 700 x 200]
	Package Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	39-3/8 x 35-7/16 x 14-3/16 [1000 x 900 x 360]
	Unit Weight	lbs [kg]	42 [19]
	Package Weight	lbs [kg]	62 [28]
IDU Operating Temp. Range	Cooling Intake Air Temp [Maximum / Minimum]	°FDB , °FWB / °FDB , °FWB	90 , 73 / 66 , 59
	Heating Intake Air Temp [Maximum / Minimum]	°FDB	83 / 50

Notes

[1]Cooling at 95°F (Indoor // Outdoor) °F 80 DB, 67 WB // 95 DB, 75 WB
[2]Heating at 47°F (Indoor // Outdoor) °F 70 DB, 60 WB // 47 DB, 43 WB
[3]Heating at 17°F (Indoor // Outdoor) °F 70 DB, 60 WB // 17 DB, 15 WB
[5]Heating at 5°F (Indoor // Outdoor) °F 70 DB, 60 WB // 5 DB, 4 WB
[9]Heating at -13°F (Indoor // Outdoor) °F 70 DB, 60 WB // -13 DB, -14 WB
[*]Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]): • Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.
[**]Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures): • System cuts out in heating mode and automatically restarts at these temperatures.

Specifications are subject to change without notice.
© 2026 Mitsubishi Electric Trane HVAC US LLC. All rights reserved.

SPECIFICATIONS: SEZ-AD09NL & SUZ-AA09NLHZ

Outdoor Unit	MCA	A	24
	MOCP	A	41
	Fan Motor Output	W	50
	Airflow Rate Cooling	CFM	2193
	Airflow Rate Heating	CFM	1949
	Defrost Method		Reverse Cycle
	Coating on Heat Exchanger (Bluefin, Sea Coast)		Yes
	Sound Pressure Level, Cooling[1]	dB (A)	54
	Sound Pressure Level, Heating[2]	dB (A)	55
	Compressor Type		Twin Rotary
	Compressor Model		SRB172FQHMT
	Compressor Oil [Type // Charge]	// oz	RM68EH // 14.5
	External Finish Color		Munsell No.3Y 7.8/1.1
	Base Pan Heater		Built-in
	Unit Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	33-1/16 x 13 x 34-5/8 [840 x 330 x 880]
	Package Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	38-5/8 x 16-9/16 x 39 [980 x 420 x 990]
	Unit Weight	lbs [kg]	115 [52.16]
	Package Weight	lbs [kg]	133 [60.33]
ODU Operating Temp. Range	Cooling Intake Air Temp [Maximum / Minimum*]	°FDB	115 / 14
	Cooling Thermal Lock-out / Re-start Temperatures**	°FDB	-1 / 3
	Heating Intake Air Temp [Maximum / Minimum]	°FDB , °FWB / °FDB , °FWB	75 , 65 / -13 , -14
	Heating Thermal Lock-out / Re-start Temperatures**	°FDB	-22.5 / -14
Refrigerant	Type		R454B
	Pre-Charged Refrigerant Amount	lbs	3
	Maximum Pre-Charged Piping Length	ft [m]	25 [7.6]
	Additional Refrigerant Charge Per Additional Piping Length	oz/ft	0.22
Piping	Liquid Pipe Size O.D. [Flared]	inch [mm]	1/4 [6.35]
	Gas Pipe Size O.D. [Flared]	inch [mm]	3/8 [9.52]
	Maximum Piping Length	ft [m]	100 [30]
	Maximum Height Difference	ft [m]	50 [15]

Notes

[1]Cooling at 95°F (Indoor // Outdoor) °F 80 DB, 67 WB // 95 DB, 75 WB
[2]Heating at 47°F (Indoor // Outdoor) °F 70 DB, 60 WB // 47 DB, 43 WB
[3]Heating at 17°F (Indoor // Outdoor) °F 70 DB, 60 WB // 17 DB, 15 WB
[5]Heating at 5°F (Indoor // Outdoor) °F 70 DB, 60 WB // 5 DB, 4 WB
[9]Heating at -13°F (Indoor // Outdoor) °F 70 DB, 60 WB // -13 DB, -14 WB
[*]Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]): • Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.
[**]Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures): • System cuts out in heating mode and automatically restarts at these temperatures.

© 2026 Mitsubishi Electric Trane HVAC US LLC. All rights reserved.

INDOOR UNIT ACCESSORIES: SEZ-AD09NL

Condensate	Refco Condensate Pump 100-240V up to 120k BTU/h	☐ COMBI
	Blue Diamond MaxiBlue Advanced Mini Condensate Pump w Reservoir Sensor 110V up to 48000 BTUH recommended	☐ X87-711
	Blue Diamond MegaBlue Condensate Pump with Reservoir Sensor 115-230V up to 170k BTU/h	☐ X87-835
	Blue Diamond MultiTank collection tank for use with MegaBlue	☐ C21-014
	Sauermann Condensate Pump 120-230V up to 60k BTU/h	☐ SI30-230
	Blue Diamond Sensor Extension Cable 15 Ft	☐ C13-103
	Blue Diamond MaxiBlue Condensate Pump with Reservoir Sensor 115-230V up to 48k BTU/h	☐ X88-721
	Blue Diamond MicroBlue Mini Condensate Pump 110208230V up to 18000 BTUH	☐ X86-003
Control Interface	kumo station® for Comfort app	☐ PAC-WHS01HC-E
	Airzone Wireless Lite Controller White	☐ AZZBSLITERB
	Airzone Wired Blueface Controller Black	☐ AZZBSBLUEZEROCN
	Airzone Wired Blueface Controller White	☐ AZZBSBLUEZEROCB
	Airzone Wireless Think Controller White	☐ AZZBSTHINKRB
	Wireless Interface 2 for Comfrot app	☐ PAC-USWHS002-WF-2
	Airzone Wired Lite Controller White	☐ AZZBSLITECB
	Airzone Wireless Think Controller Black	☐ AZZBSTHINKRN
	Operation and Error Status Output Adapter	☐ PAC-SF40RM-E
	Thermostat Interface for 3rd Party Thermostats	☐ PAC-US445CN-1
	Airzone Wireless Lite Controller Black	☐ AZZBSLITERN
	Airzone Wired Lite Controller Black	☐ AZZBSLITECN
	IT Extender	☐ PAC-WHS01IE-E
Control Wire	202PR 1PR shielded 1PR plenum wire for Airzone 100 ft reel	☐ CW2042S2-100
	202PR shielded 1PR plenum wire for Airzone 500 ft reel	☐ CW2042S2-500
Disconnect Switch	30A600VUL fits 2 X 4 utility box - White	☐ TAZ-MS303W
	30A600VUL fits 2 X 4 utility box - Black	☐ TAZ-MS303
Filter Box	Filter Box with MERV 8 Filter	☐ FBL1-1
Lineset	65 x 1/4 x 65 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-65
	30 x 1/4 x 30 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-30
	15 x 1/4 x 15 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-15
	50 x 1/4 x 50 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-50
Remote Sensor	Flush Mount Remote Temperature Sensor for SEZ SLZ SVZ and all P-Series models	☐ PAC-USSEN002-FM-1
	Wall Mount Remote Temperature Sensor	☐ PAC-SE41TS-E
	Wireless temperature and humidity sensor for Comfort app	☐ PAC-USWHS003-TH-1
Terminal Signal Adapter	Connector and wire for On/Off and Fan command using CN32	☐ PAC-715AD
	Backup Heat Relay Kit	☐ CN24RELAY-KIT-CM3
	Connector and wire for On/Off and Error status using CN51 and CN52	☐ PAC-725AD
Wired Remote Controller	Simple Direct Wired Remote Controller	☐ PAC-SDW01RC-1
	Deluxe Wired MA Remote Controller	☐ PAR-42MAAUB
	Simple MA Remote Controller	☐ PAC-YT53CRAU-J
	Touch MA Remote Controller	☐ PAR-CT01MAU-SB
Wireless Remote Controller	Lockdown Bracket for Wireless Handheld Remote Controllers	☐ RCMKP1CB
	Universal Wireless Receiver for PAR-FL32MA-E	☐ PAR-FA32MA-W
	Wireless RedLINK™ Remote Controller	☐ MHK2
	Wireless Universal Signal Receiver (for PAR-SL101A-E)	☐ PAR-SA9CA-E

Notes

[1]Unable to use with Wireless Handheld Remote Controller
[1]Requires MAC-334IF-E Interface to connect MA controller

Specifications are subject to change without notice.

© 2026 Mitsubishi Electric Trane HVAC US LLC. All rights reserved.

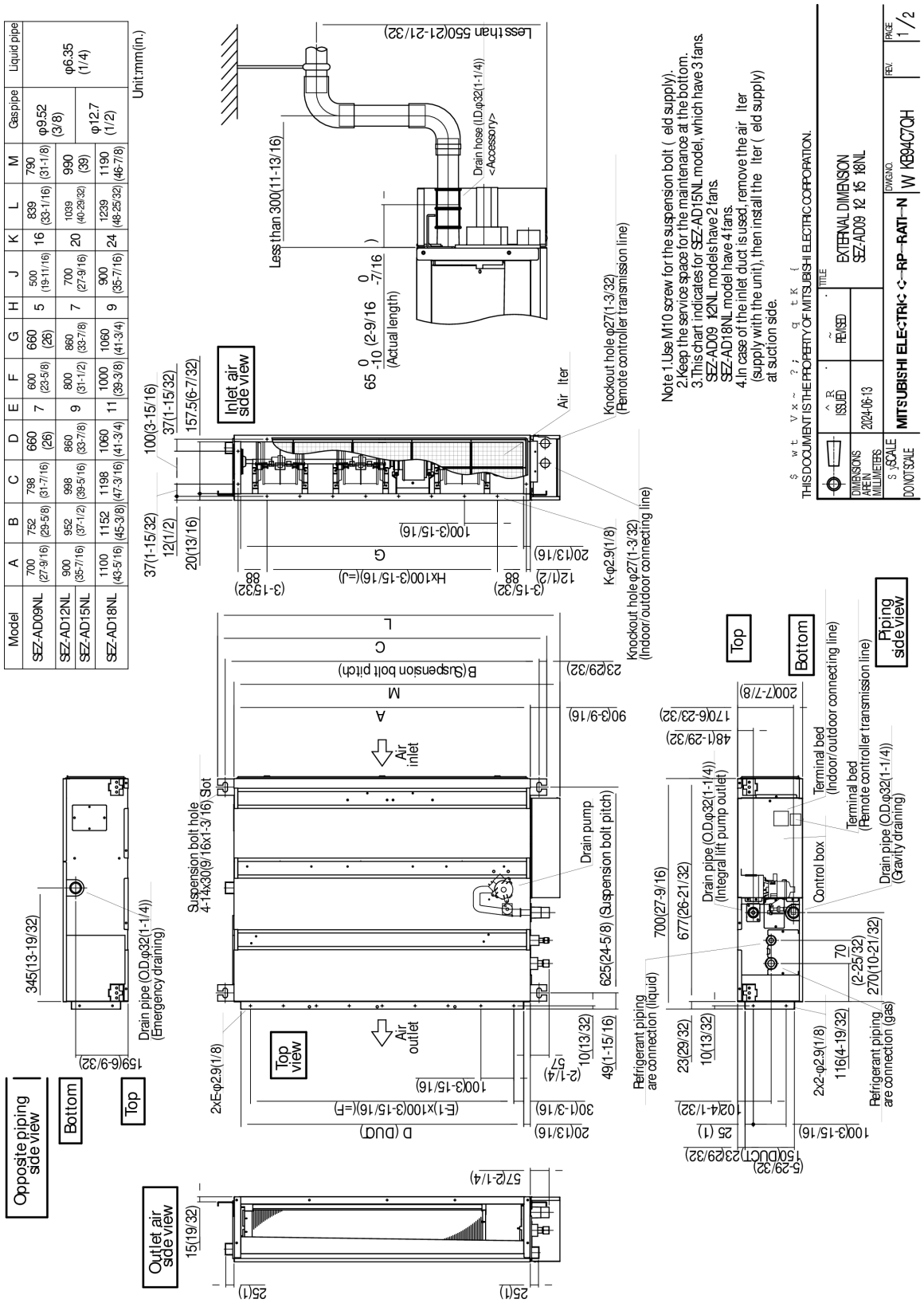
OUTDOOR UNIT ACCESSORIES: SUZ-AA09NLHZ

Air Outlet Guide	Air Outlet Guide	☐ MAC-890SG-E
Control/Service Tool	M- & P-Series Maintenance Tool Cable Set	☐ M21EC0397
	Maintenance Tool Interface	☐ PAC-USCMS-MN-1
Drain Socket	Drain Socket	☐ MAC-871DS
Hail Guards	Hail Guard	☐ HG-A7
Mini-Split Wire	14 Gauge 4 wire MiniSplit Cable250 ft roll	☐ S144-250
	14 Gauge 4 wire MiniSplit Cable50 ft roll	☐ S144-50
	14 Gauge 4 wire Armored MiniSplit Cable250 ft roll	☐ SW144-250
	14 Gauge 4 wire Armored MiniSplit Cable50 ft roll	☐ SW144-50
Mounting Pad	Condensing Unit Mounting Pad 16 x 36 x 3	☐ ULTRILITE1
Muffler	Muffler	☐ MAC-001MF-E
Snow/Rain Diverter	SnowRain Diverter	☐ SRD-3
Stand	Condenser Wall Bracket - Stainless Steel Finish	☐ QSWBSS
	Condenser Wall Bracket	☐ QSWB2000M-1
	24 Single Fan Stand	☐ QSMS2401M
	18 Single Fan Stand	☐ QSMS1801M
	Outdoor Unit Stand 12 High	☐ QSMS1201M
	Outdoor Unit 3-14 inch Mounting Base Pair - Plastic	☐ DSD-400P
Notes		

Specifications are subject to change without notice.

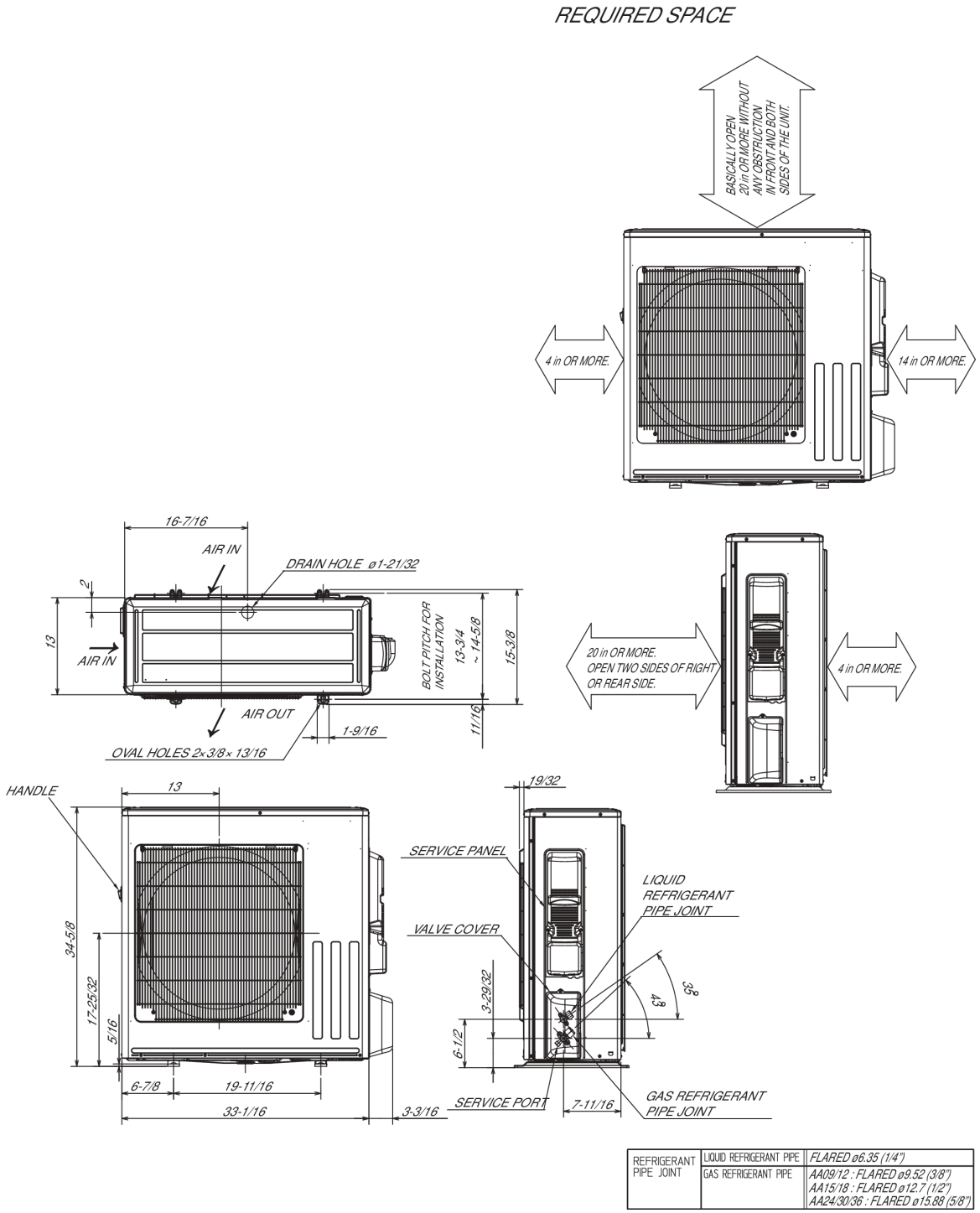
© 2026 Mitsubishi Electric Trane HVAC US LLC. All rights reserved.

INDOOR UNIT DIMENSIONS: SEZ-AD09NL



© 2026 Mitsubishi Electric Trane HVAC US LLC. All rights reserved.

OUTDOOR UNIT DIMENSIONS: SUZ-AA09NLHZ



REFRIGERANT PIPE JOINT	LIQUID REFRIGERANT PIPE	FLARED ø6.35 (1/4")
	GAS REFRIGERANT PIPE	AA09/12 : FLARED ø9.52 (3/8") AA15/18 : FLARED ø12.7 (1/2") AA24/30/36 : FLARED ø15.88 (5/8")

1340 Satellite Boulevard Suwanee, GA 30024
Toll Free: 800-433-4822 · mitsubishicomfort.com

Specifications are subject to change without notice.
© 2026 Mitsubishi Electric Trane HVAC US LLC. All rights reserved.