

Exhibit I

SVZ-KP24NA & SUZ-KA24NAHZ 24,000 BTU/H MULTI-POSITION AIR HANDLER 24,000 BTU/H HYPER-HEATING UNIVERSAL OUTDOOR UNIT



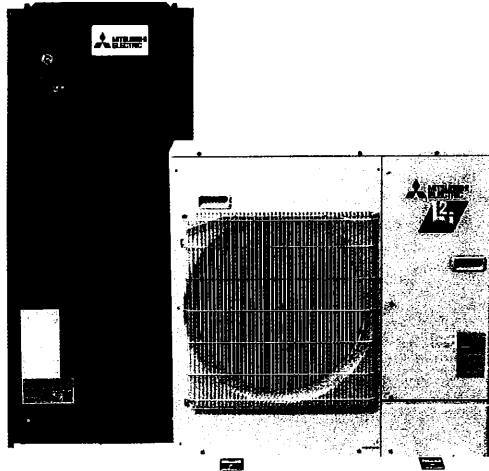
Job Name:

System Reference:

Date:

Indoor Unit.....SVZ-KP24NA

Outdoor Unit.....SUZ-KA24NAHZ



INDOOR UNIT FEATURES

- Ducted air handler provides a solution to cool and heat large zones
- Highly efficient totally enclosed ECM motor
- Selectable external static pressure: 0.30, 0.50 and 0.80 in.WG with 3 fan speeds at each static setting
- 1 inch R4.2 fiberglass free insulation reduces condensation and boosts efficiency
- Positive pressure cabinet with air leakage of less than 2.0% at 1.0 In.WG (Tested per ASHRAE Standard 193)
- Unique blow through design allows simple coil cleaning when the blower is removed
- Multi-position installation: horizontal (left or right), vertical (up or down)
- Optional electric heat kit for additional heat capacity
- Optional humidifier control and ERV control
- Built-in humidifier control, ERV control and auxiliary heat control
- Optional downflow kit
- Multiple control options available:
 - kumo cloud® smart device app for remote access
 - Third-party interface options
 - Wired or wireless controllers

OUTDOOR UNIT FEATURES

- The outdoor unit powers the indoor unit, and should a power outage occur, the system is automatically restarted when power returns
- INVERTER-driven compressor and LEV provide high efficiency and comfort while using only the energy needed to maintain maximum performance
- H2i® hyper heat performance offers 100% heating capacity at 5° F
- Hot-Start Technology: no cold air rush at equipment startup or when restarting after Defrost Cycle
- Quiet operation
- Built-in base pan heater
- Innovative Joint Lap DC Motor leads to high efficiency and reliability
- Pulse Amplitude Modulation technology

SPECIFICATIONS: SVZ-KP24NA & SUZ-KA24NAHZ

Cooling at 95°F ¹	Maximum Capacity	BTU/H	24,000
	Rated Capacity	BTU/H	24,000
	Minimum Capacity	BTU/H	8,800
	Maximum Power Input	W	2,420
	Rated Power Input	W	2,420
	Moisture Removal	Pints/h	4.7
	Sensible Heat Factor		0.78
Heating at 47°F ²	Maximum Capacity	BTU/H	28,800
	Rated Capacity	BTU/H	23,000
	Minimum Capacity	BTU/H	9,400
	Maximum Power Input	W	2,790
	Rated Power Input	W	2,140
Heating at 17°F ³	Maximum Capacity	BTU/H	23,000
	Rated Capacity	BTU/H	19,200
	Maximum Power Input	W	3,700
	Rated Power Input	W	2,566
Heating at 5°F ⁴	Maximum Capacity	BTU/H	23,000
	Maximum Power Input	W	4,146
Heating at -13°F ⁷	Maximum Capacity	BTU/H	18,400
Efficiency	SEER		16.0
	EER ¹		9.9
	HSPF [I/V]		9.2
	COP at 47°F ²		3.1
	COP at 17°F at Maximum Capacity ³		1.8
	COP at 5°F at Maximum Capacity ⁴		1.6
	COP at -13°F at Maximum Capacity ⁷		1.2
	ENERGY STAR® Certified		No
Electrical	Voltage, Phase, Frequency		208/230, 1, 60
	Guaranteed Voltage Range	V AC	187 - 253
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Short-circuit Current Rating [SCCR]	kA	5
	Recommended Fuse/Breaker Size (Outdoor)	A	25
	Recommended Wire Size [Indoor - Outdoor]	AWG	14
	Power Supply		Indoor unit is powered by the outdoor unit
Indoor Unit	MCA	A	3.0
	Fan Motor Full Load Amperage	A	2.4
	Fan Motor Output	W	121
	Fan Motor Type		DC Motor
	Airflow Rate at Cooling, Dry	CFM	515-625-735
	Airflow Rate at Heating, Dry	CFM	515-625-735
	Sound Pressure Level [Cooling]	dB[A]	33-36-41
	Sound Pressure Level [Heating]	dB[A]	33-36-41
	External Static Pressure	in.WG	0.30-0.5-0.8
	Drain Pipe Size	In. [mm]	3/4 [19.05]
	Coating on Heat Exchanger		—
	External Finish Color		Hot-dip coated steel (ZAM)
	Unit Dimensions	W x D x H: In. [mm]	17 x 21-5/8 x 39-13/16 [432 x 549 x 1011]
	Package Dimensions	W x D x H: In. [mm]	21 x 28-3/4 x 44-3/8 [460 x 730 x 1127]
Unit Weight	Lbs. [kg]	93 [42]	
Package Weight	Lbs. [kg]	106 [48]	
Indoor Unit Operating Temperature Range	Cooling Intake Air Temp [Maximum / Minimum]*	°F	90 DB, 72 WB / 68 DB, 61 WB
	Heating Intake Air Temp [Maximum / Minimum]	°F	77 DB / 59 DB

NOTES:

AHRI Rated Conditions
 (Rated data is determined at a fixed compressor speed)

¹ Cooling (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

Conditions

⁴ Heating at 5°F (Indoor // Outdoor)	°F	70 DB, 60 WB // 5 DB, 4 WB
⁵ Heating at -4°F (Indoor // Outdoor)	°F	70 DB, 60 WB // -4 DB, -5 WB
⁶ Heating at -5°F (Indoor // Outdoor)	°F	70 DB, 60 WB // -5 DB, -6 WB
⁷ Heating at -13°F (Indoor // Outdoor)	°F	70 DB, 60 WB // -13 DB, -14 WB

*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 to avoid thermistor error and automatically restarts at these temperatures.

SPECIFICATIONS: SVZ-KP24NA & SUZ-KA24NAHZ

Outdoor Unit	MCA	A	17.0
	MOCP	A	27
	Fan Motor Output	W	74
	Airflow Rate	CFM	800/800
	Refrigerant Control		LEV
	Defrost Method		Reverse Cycle
	Sound Pressure Level, Cooling ¹	dB(A)	52
	Sound Pressure Level, Heating ²	dB(A)	53
	Compressor Type		Scroll
	Compressor Model		DNB28FBAMT
	Compressor Rated Load Amps	A	9.0
	Compressor Locked Rotor Amps	A	18.0
	Compressor Oil Type // Charge	oz.	FVC68D // 1.34
	External Finish Color		Ivory Munsell 3Y 7.8/1.1
	Base Pan Heater		Built-in
	Unit Dimensions	W x D x H: In. [mm]	37-13/32 x 14-3/16 x 37-1/8 [950 x 360 x 943]
	Package Dimensions	W x D x H: In. [mm]	41 x 18 x 41 [1040 x 450 x 1033]
	Unit Weight	Lbs. [kg]	190 [86]
	Package Weight	Lbs. [kg]	210 [95]
	Outdoor Unit Operating Temperature Range	Cooling Air Temp [Maximum / Minimum]*	°F
Heating Air Temp [Maximum / Minimum]		°F	75 DB, 65 WB / -13 DB, -14 WB
Heating Thermal Lock-out / Re-start Temperatures**		°F	-22 / -13
Refrigerant	Type		R410A
	Charge	Lbs, oz	7, 11.0
	Chargeless Piping Length	Ft. [m]	100.0 [30.0]
	Additional Refrigerant Charge Per Additional Piping Length	oz./Ft. [g/m]	0.7 [65]
Piping	Gas Pipe Size O.D. [Flared]	In.[mm]	5/8 [15.88]
	Liquid Pipe Size O.D. [Flared]	In.[mm]	3/8 [9.52]
	Maximum Piping Length	Ft. [m]	100 [30]
	Maximum Height Difference	Ft. [m]	100 [30]
	Maximum Number of Bends		15

NOTES:

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INDOOR UNIT ACCESSORIES: SVZ-KP24NA

Control Interface	BACnet® and Modbus Interface	<input type="checkbox"/> PAC-UKPRC001-CN-1
	CN24 Relay Kit	<input type="checkbox"/> CN24RELAY-KIT-CM3
	Connector cable for remote display	<input type="checkbox"/> PAC-SA88HA-EP
	IT Extender	<input type="checkbox"/> PAC-WHS01IE-E
	kumo station® for kumo cloud®	<input type="checkbox"/> PAC-WHS01HC-E
	Remote Operation Adapter†	<input type="checkbox"/> PAC-SF40RM-E
	Thermostat Interface	<input type="checkbox"/> PAC-US444CN-1
	USNAP Adapter	<input type="checkbox"/> PAC-WHS01UP-E
Remote Sensor	Wireless Interface for kumo cloud®	<input type="checkbox"/> PAC-USWHS002-WF-2
	Flush Mount Temperature Sensor	<input type="checkbox"/> PAC-USSEN001-FM-1
	Remote Temperature Sensor	<input type="checkbox"/> PAC-SE41TS-E
Wired Remote Controller	Wireless temperature and humidity sensor for kumo cloud®	<input type="checkbox"/> PAC-USWHS003-TH-1
	Airzone ZBS Wired Blueface Principal Controller White	<input type="checkbox"/> AZZBSBLUEFACECB
	Airzone ZBS Wired Lite Controller White	<input type="checkbox"/> AZZBSLITECB
	Airzone ZBS Wired Think Controller White	<input type="checkbox"/> AZZBSTHINKCB
	Airzone ZBS Wireless Lite Controller White	<input type="checkbox"/> AZZBSLITERB
	Airzone ZBS Wireless Think Controller White	<input type="checkbox"/> AZZBSTHINKRB
	Deluxe Wired MA Remote Controller†	<input type="checkbox"/> PAR-40MAAU
	Simple MA Remote Controller†	<input type="checkbox"/> PAC-YT53CRAU-J
Wireless Remote Controller	Touch MA Remote Controller†	<input type="checkbox"/> PAR-CT01MAU-SB
	kumo touch™ RedLINK™ Wireless Controller	<input type="checkbox"/> MHK2
	Wireless MA Receiver	<input type="checkbox"/> PAR-FA32MA-W
Condensate	Wireless MA Remote Controller	<input type="checkbox"/> PAR-FL32MA-E
	Blue Diamond (Advanced) Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	<input type="checkbox"/> X87-721
	Blue Diamond (MegaBlue Advanced) Condensate Pump w/ Reservoir & Sensor	<input type="checkbox"/> X87-835
Control Wire	Blue Diamond Sensor Extension Cable — 15 Ft.	<input type="checkbox"/> C13-103
	20/2PR, 1PR shielded + 1PR plenum wire for Airzone, 100 ft reel	<input type="checkbox"/> CW2042S2-100
Disconnect Switch	20/2PR, shielded + 1PR plenum wire for Airzone, 500 ft reel	<input type="checkbox"/> CW2042S2-500
	(30A/600V/UL) [fits 2" X 4" utility box] - Black	<input type="checkbox"/> TAZ-MS303
Downflow Kit	(30A/600V/UL) [fits 2" X 4" utility box] - White	<input type="checkbox"/> TAZ-MS303W
Electric Heat Lockout	Downflow Kit	<input type="checkbox"/> DFK-S
Electric Kit Heats	Electric Heat Lockout	<input type="checkbox"/> ETC-211000-MIT
	3kW Electric Heater	<input type="checkbox"/> EH03-SVZ-S
	5kW Electric Heater	<input type="checkbox"/> EH05-SVZ-S
Lineset	8kW Electric Heater	<input type="checkbox"/> EH08-SVZ-S
	10' x 3/8" x 10' x 5/8" Lineset (Twin-Tube Insulation)	<input type="checkbox"/> MPLS385812T-10
	100' x 3/8" x 100' x 5/8" Lineset (Twin-Tube Insulation)	<input type="checkbox"/> MPLS385812T-100
	15' x 3/8" x 15' x 5/8" Lineset (Twin-Tube Insulation)	<input type="checkbox"/> MPLS385812T-15
	30' x 3/8" x 30' x 5/8" Lineset (Twin-Tube Insulation)	<input type="checkbox"/> MPLS385812T-30
	50' x 3/8" x 50' x 5/8" Lineset (Twin-Tube Insulation)	<input type="checkbox"/> MPLS385812T-50
Terminal Block	65' x 3/8" x 65' x 5/8" Lineset (Twin-Tube Insulation)	<input type="checkbox"/> MPLS385812T-65
	Separate Terminal Power Block	<input type="checkbox"/> SPTB1

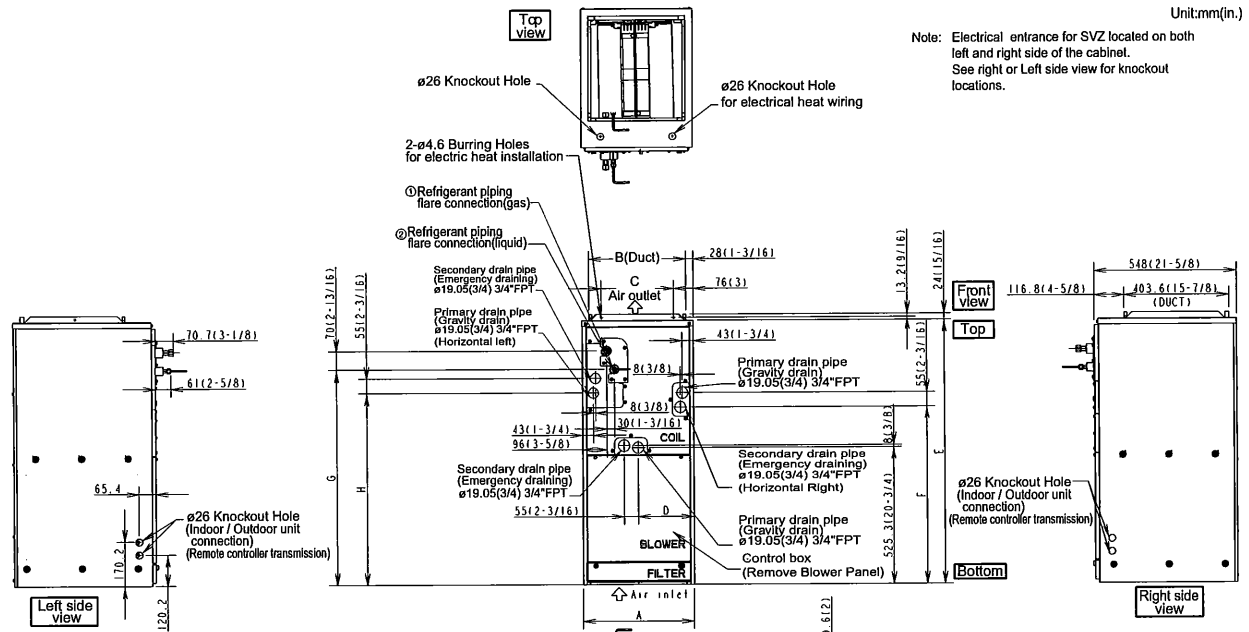
NOTES:

†PAC-SF40RM-E (Unable to use with wireless remote controller)

OUTDOOR UNIT ACCESSORIES: SUZ-KA24NAHZ

Air Outlet Guide	Air Outlet Guide (1 Piece)	<input type="checkbox"/> PAC-SG59SG-E
Centralized Drain Pan	Drain Pan	<input type="checkbox"/> PAC-SG64DS-E
Control/Service Tool	M- & P-Series Maintenance Tool Cable Set	<input type="checkbox"/> M21EC0397
Drain Socket	Drain Socket	<input type="checkbox"/> PAC-SH71DS-E
Hail Guards	Hail Guard	<input type="checkbox"/> HG-A6
Mounting Pad	Condensing Unit Mounting Pad: 24" x 42" x 3"	<input type="checkbox"/> ULTRILITE2
Stand	18" Single Fan Stand	<input type="checkbox"/> QSMS1801M
	24" Single Fan Stand	<input type="checkbox"/> QSMS2401M
	Outdoor Unit Stand — 12" High	<input type="checkbox"/> QSMS1201M

INDOOR UNIT DIMENSIONS: SVZ-KP24NA



Unit:mm(in.)

Model	Nominal Filter Size	Duct Connection
SVZ-KP12NA	508 x 406.4 x 25.4 (20 x 16 x 1)	376 x 402 (14-13/16 x 15-7/8)
SVZ-KP18NA		
SVZ-KP24NA		
SVZ-KP30NA	508 x 508 x 25.4 (20 x 20 x 1)	477 x 402 (18-13/16 x 15-7/8)
SVZ-KP36NA		

Model	A	B	C	D	E	F	G	H	J	Gas Pipe	Liquid pipe
SVZ-KP12NA	432 (17)	376 (14-13/16)	281 (11-1/8)	224 (8-7/8)	1,010.8 (39-13/16)	680 (26-13/16)	823 (32-7/16)	735.5 (29)	360 (14-3/16)	ø 9.52 (3/8) ø 12.7 (1/2)	ø 6.35 (1/4)
SVZ-KP18NA	534 (21)	477 (18-13/16)	382.6 (15-1/8)	266.5 (10-1/2)	1,113.8 (43-7/8)	737 (29-1/16)	953.5 (37-9/16)	792 (31-3/16)	461 (18-3/16)	ø 15.88 (5/8)	ø 9.52 (3/8)
SVZ-KP24NA											
SVZ-KP30NA	534 (21)	477 (18-13/16)	382.6 (15-1/8)	266.5 (10-1/2)	1,113.8 (43-7/8)	737 (29-1/16)	953.5 (37-9/16)	792 (31-3/16)	461 (18-3/16)	ø 15.88 (5/8)	ø 9.52 (3/8)
SVZ-KP36NA											

OUTDOOR UNIT DIMENSIONS: SUZ-KA24NAHZ

Unit: mm<In>

