

The Cold Climate Heat Pump Advantage



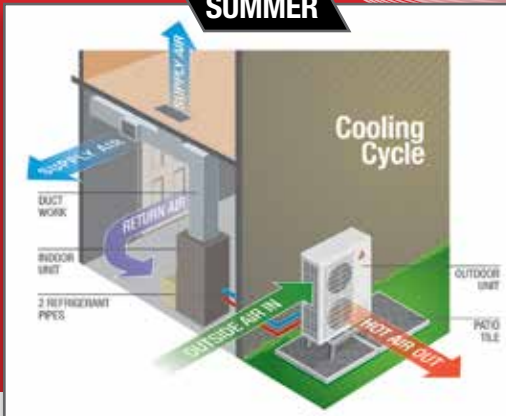
ZUBA-CENTRAL

ZUBA-MULTI

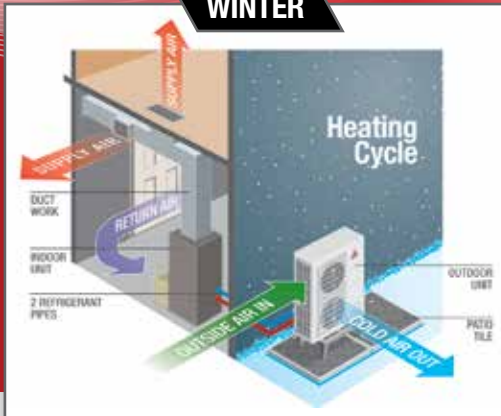
**HEATS
AT -30°C
AND BEYOND**

What is ZUBA ?

SUMMER



WINTER



The Mitsubishi Electric Zuba is a cold climate heat pump system, which provides excellent heating performance in the winter and effortlessly cools your home in the summer.

It installs easily into new or existing ductwork and is ranked amongst the most energy-efficient systems to heat your home.

Hot enough for Canadian winters

Zuba will keep you comfortable during the coldest winter days and nights.

The Mitsubishi Electric Zuba, cold climate heat pump was developed as a primary heating system for Canadian winters. An environmentally friendly and more efficient alternative to a fossil fuel system, that provides both heating and cooling from a single system.

The secret behind Zuba



Zuba provides high heating performance, even under extremely low outdoor temperatures thanks to our efficient and exclusive Hyper-Heat Inverter (H²i)TM technology.

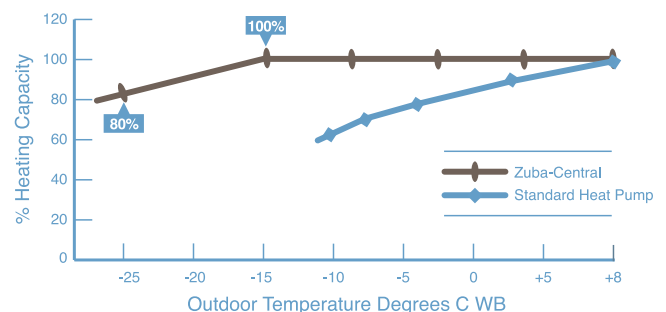
In addition, the unique defrost mechanism provides an extended period of continuous heating between defrost cycles and minimizes the defrost time required. This proves yet again that Zuba is one of the most efficient systems on the market.

Zuba keeps your space warm even when the outdoor temperature drops as low as -30°C*. It continues to perform at 100% of its heating capacity at -15°C, ensuring a comfortable space no matter what's happening outside.

Zuba can provide year round comfort with or without a supplemental indoor heating device, unlike many competitors products.

Additionally, Zuba's unique hot-start technology provides warmth from the moment it's turned on, helping to reduce drafts. With easily accessible filters and wiring at installation, the system is easy to maintain.

ZUBA-CENTRAL HEATING CAPACITY AT LOW TEMPERATURES*



* Includes correction for defrost.

An option for every home

Zuba has you covered in those rare instances when extreme temperatures occur. When additional heat is needed, Zuba can be equipped with an auxiliary electric resistance heater. So even during the coldest days, your Zuba is still providing optimal heating indoors with the superb efficiency that only a Mitsubishi Electric Zuba heat pump can offer.

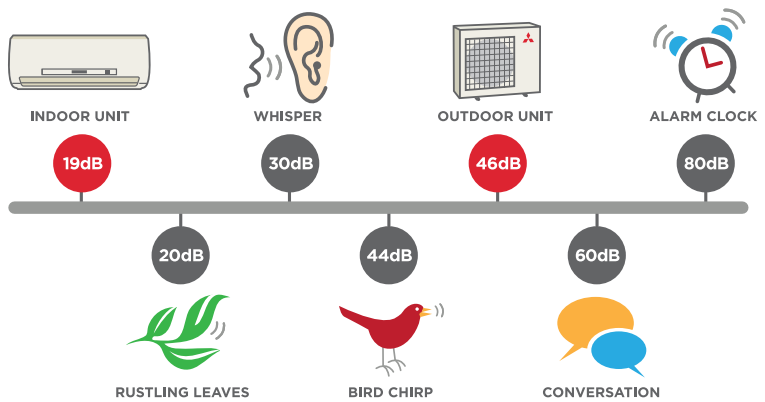
HEATS*
AT -30°C
AND BEYOND



*Models MXZ-4C36NAHZ2, MXZ-5C42NAHZ2, MXZ-8C48NAHZ2, PUZ-HA24NHA1, PUZ-HA30/36NKA, PUZ-HA42NKA1 Includes tolerance. Units can operate down to -30°C and beyond, depending on conditions.

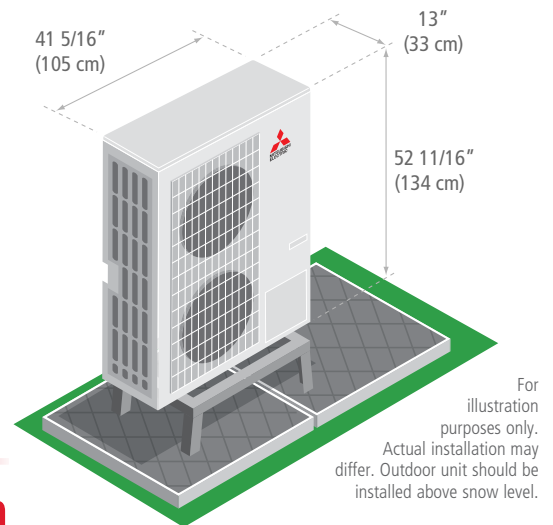
No louder than a mild rainfall

You may not even realize your Zuba system is hard at work keeping temperatures steady and bringing your home comfort. Our advanced technology ensures super-quiet units that work effortlessly.



Tiny footprint, massive improvement

The Zuba outdoor unit measures between 13 inches (33 cm) deep – which sits perfectly alongside your exterior wall and takes up less of your valuable patio space than a traditional A/C system. Meanwhile, the indoor Air Handling Unit fits within your existing ductwork.



Keep your environment comfortably green and energy efficient

Reduce your carbon footprint while keeping more money in your pocket. Zuba systems utilize green technologies and are much more efficient, so homeowners never have to sacrifice comfort over concerns about high-energy costs.

The Zuba system uses ozone-friendly R-410A refrigerant, which not only benefits the environment, but translates into better overall performance than traditional R-22 based systems.

Plus, with our VCSi Technology (Variable Compressor Speed Inverter), Zuba is able to adjust capacities to continuously match the exact heating and cooling needs of your home – so you only pay for the energy you actually use.

- VCSi technology results in substantial energy and utility savings for homeowners.
- Zone control for improved comfort and decreased energy usage.
- ENERGY STAR® systems are available.



An effective Geothermal alternative

While geothermal systems make the most of energy efficiency, the costs of installation can act as the main drawback. Geothermal installation will certainly require some excavation, digging trenches for piping and site surveying.

Zuba offers superb energy efficiency at **only a fraction of the installed cost of a geothermal system**, no excavation or digging required.

And while a geothermal solution may take some time to complete, Zuba can be set up in your home much faster – so that you can start enjoying the savings sooner.



Model Number	Indoor Unit		PVA-A24AA7	PVA-A30AA7 	PVA-A36AA7 	PVA-A42AA7
	Outdoor Unit		PUZ-HA24NHA1	PUZ-HA30NKA	PUZ-HA36NKA	PUZ-HA42NKA1
Capacity (Rated)	Cooling	Btu/h	24,000	30,000	33,000	42,000
Capacity (Min. ~ Max.)		Btu/h	10,000~24,000	14,800~30,000	15,500~36,000	17,000~42,000
Capacity (Rated)	Heating@ 8°C	Btu/h	26,000	32,000	38,000	48,000
Capacity (Min. ~ Max.)		Btu/h	10,000~28,000	14,800~34,000	18,600~40,000	23,900~54,000
Capacity (Rated)	Heating@ -8°C	Btu/h	17,500	21,000	24,600	38,500
Capacity (Max.)		Btu/h	26,000	32,000	38,000	48,000
Capacity (Max.)	Heating@ -15°C	Btu/h	26,000	32,000	38,000	48,000
Power Consumption	Cooling	W	2,100	2,300	2,500	3,960
Rated (Min. ~ Max.)	Heating@ 8°C	W	550~2,200	950~2,750	1,000~3,070	1,720~4,570
Rated (Max.)	Heating@ -8°C	W	3,550	4,135	4,895	6,635
EER	Cooling		11.4	13	13	10.6
SEER	Cooling		19	18	18.2	15.4
HSPF (IV)	Heating		10.4	9.8	11.2	10
COP (8°C, -8°C, -15°C)	Heating		3.8/2.1/1.9	3.8/2.2/2.0	3.9/2.3/2.0	3.6/2.1/1.9
Capacity Control			Variable Speed Compressor (VCSI)			
Refrigerant			R-410A			
Power Supply	V, Phase, Hz		208/230V, 1-Phase, 60Hz			
Recommended Fuse/Breaker Size		A	25	30	40	40
Moisture Removal	Pints/h		3.7	5.9	3.8	5.3
Airflow (Lo-Med-Hi)	Cooling	CFM Dry	613-744-875			1040-1262-1485
Sound Indoor (Lo-Med-Hi)	Cooling	dB(A)	32-36-40			36-40-44
Sound Outdoor	Cooling	dB(A)	52			49
Max. Fuse Size (Time Delay)	Indoor	A	15			
	Outdoor	A	27	40	42	44
Min. Ampacity	Indoor	A	4.13		5.5	5.63
	Outdoor	A	17	24	26	36
Fan Speed Control			3 (Lo-Med-Hi)			
Air Filters (Washable)			Standard Long-Life Filter (up to 2,500 hours)			
Dimension (H x W x D)	Indoor	in.	21-5/8 X 54-1/4 X 21			21-5/8 X 59-1/2 X 25
	Outdoor	in.	37-1/8 X 37-13/32 X 13		52-11/16X 41-5/16 X 14-3/16	
Weight	Indoor	lbs.	141			172
	Outdoor	lbs.	190	261		283
Pipe Size	Liq. X Gas	in.	3/8 x 5/8			
Max. Height Difference		Ft.	100			
Max. Pipe Length		Ft.	165	245		
Outdoor Operating Range	Cooling Intake Air Temperature (Maximum/Minimum)		D.B. 46°C D.B. -18°C''			
	Heating Intake Air Temperature (Maximum/Minimum)		D.B. 24°C D.B. -25°C			

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

*1 Cooling (Indoor // Outdoor) - °C - 26.7°C DB, 19.4°C WB // 35°C DB, 23.9°C WB

*2 Heating at 8°C (Indoor // Outdoor) - °C - 21.1°C DB, 15.6°C WB // 8.3°C DB, 6.1°C WB

*3 Heating at -8°C (Indoor // Outdoor) - °C - 21.1°C DB, 15.6°C WB // -8.3°C DB, -9.4°C WB

*4 Heating at -15°C (Indoor // Outdoor) - °C - 21.1°C DB, 15.6°C WB // -15°C DB, -15°C WB

Conditions Notes

**Wind baffles required to operate below -5°C DB in cooling mode. PUZ with wind baffle -18°C cooling operation range.

Includes tolerance. Units can operate down to -30°C and beyond, depending on conditions.

Electrical:

Guaranteed Voltage Range V AC 187 - 253V

Voltage: Indoor - Outdoor, S1-S2 V AC 208 / 230V

Voltage: Indoor - Outdoor, S2-S3 V DC 24V

Voltage: Indoor - Remote controller V DC 12V



★ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

Zuba-Central

Option to upgrade to a Mitsubishi Electric Smart Thermostat to provide total control of your heating and cooling system and the temperature in your home.

OUTDOOR UNIT

ZUBA-CENTRAL
AIR HANDLING UNIT

mitsubishi electric
CONTROLLER (PAR-40)



Mitsubishi Electric
Controller (PAR-40)

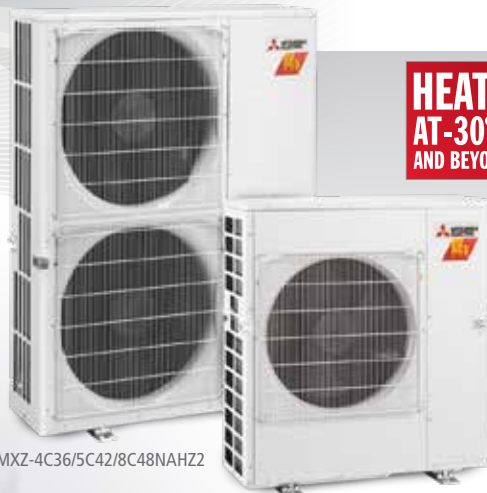
- Programmable Timer – up to 8 settings per day
- Self-diagnosis function
- Multi-language display (8 languages)

Flexible System Configuration

Package Includes:

- Zuba-Central Outdoor Unit
- Zuba-Central Air Handler
- Options to enhance your comfort:
 - Mitsubishi Electric Smart Thermostat (PAR-40)
 - Electric Resistance Heater 8kW / 10kW / 15kW / 17.5kW*
 - MHK1 with Redlink interface to allow Zuba to be controlled remotely by internet or or smart phone using an internet gateway.
 - RMF-CA100-V1 allows connection of North American Thermostat with Mitsubishi Electric ducted air handlers (optional)

*A42AA7 only



**HEATS
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AND BEYOND**

Mitsubishi Electric cold climate heat pumps are perfect for any Canadian home in winter AND summer! The Zuba-Multi systems offer year-round, high-efficiency heating and cooling for the bedroom, basement, living room and more. A variety of indoor units provide zone-specific comfort control, while the VCSi compressor and electric LEVs (Linear Expansion Valves) in the outdoor units give greater control and higher efficiency with less energy consumption.

* Models MXZ-4C36NAHZ2, MXZ-5C42NAHZ2, MXZ-8C48NAHZ2. Includes tolerance. Units can operate down to -30°C and beyond, depending on conditions.

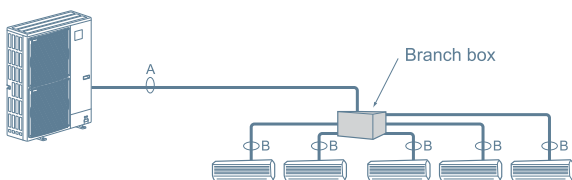
The new Zuba-Multi system creates optimal comfort in the rooms of your home all year long.

Each room (zone) has its own independently operated remote control (wireless or wired), so everyone can enjoy their own preferred level of comfort in different areas of the home.

BRANCH BOX CONNECTIONS

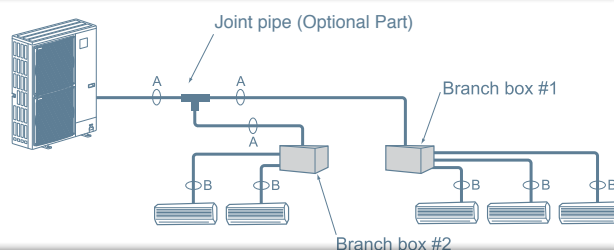
When Using One Branch Box

Max. 5 indoor units



When Using Two Branch Boxes

Max. 8 indoor units



MODEL Name				MXZ-2C20NAHZ2 	MXZ-3C24NAHZ2 	MXZ-3C30NAHZ2
Indoor Unit	Cooling Non-ducted/ Ducted	Rated Capacity	Btu/h	18,000 / 20,000	22,000 / 23,600	28,400 / 27,400
		Rated Total Input	W	1,334 / 1,819	1,630 / 2,360	2,272 / 2,661
	Heating at 8°C Non-ducted/Ducted	Rated Capacity	Btu/h	22,000 / 22,000	25,000 / 24,600	28,600 / 27,600
		Capacity Range	Btu/h	12,300 ~ 23,100	12,600 ~ 25,900	12,600 ~ 30,100
		Rated Total Input	W	1,612 / 1,748	1,725 / 1,871	2,096 / 2,187
	Heating at - 8°C Non-ducted/Ducted	Rated Capacity	Btu/h	20,900	23,750	24,400
		Maximum Capacity	Btu/h	22,000	25,000	28,600
	Heating at -15°C Non-ducted	Maximum Capacity	Btu/h	24,500	29,900	34,800
EER		(Non-Ducted/Ducted/Mixed)		13.5/11.0/12.25	13.5/10.0/11.75	12.5/10.3/11.4
SEER		(Non-Ducted/Ducted/Mixed)		17.0/15.0/16	19.0/15.5/17.25	18.0/16.0/17
HSPF (IV)		(Non-Ducted/Ducted/Mixed)		9.8/9.5/9.65	10.0/9.0/9.5	11.0/9.8/10.4
Sound Pressure Level	Cooling ^{*1}		dB(A)	54		
	Heating ^{*2}		dB(A)	58		
External Dimensions (H x W x D)			In	41-17/64 x 37-13/32 x 13		
Net Weight			Lbs	187	189	
Outdoor Operating Range	Cooling			-10°C – 46°C		
	Heating			-25°C – 21°C		

MODEL - Name				MXZ-4C36NAHZ2** ☆	MXZ-5C42NAHZ2** ☆	MXZ-8C48NAHZ2**
Indoor Unit	Cooling Non-ducted/ Ducted	Rated Capacity	Btu/h	36,000 / 36,000	42,000 / 42,000	48,000 / 48,000
		Rated Total Input	W	2,570 / 2,880	3,130 / 3,890	3,930 / 4,800
	Heating at 8°C Non-ducted/Ducted	Rated Capacity	Btu/h	45,000 / 45,000	48,000 / 48,000	54,000 / 54,000
		Capacity Range	Btu/h	22,500 ~ 45,000	24,000 ~ 48,000	27,000 ~ 54,000
		Rated Total Input	W	3,340 / 3,560	3,430 / 4,140	4,220 / 4,800
	Heating at - 8°C Non-ducted/Ducted	Rated Capacity	Btu/h	30,000 / 34,000	32,000 / 36,000	54,000 / 54,000
		Maximum Capacity	Btu/h	45,000	48,000	54,000
	Heating at -15°C Non-ducted	Maximum Capacity	Btu/h	45,000	48,000	54,000
EER		(Non-Ducted/Ducted/Mixed)		14/12.5/13.2	13.4/10.8/12.1	12.2/10/11.1
SEER		(Non-Ducted/Ducted/Mixed)		20/17.5/18.75	20/17/18.5	20/16/18
HSPF (IV)		(Non-Ducted/Ducted/Mixed)		11.3/11/11.15	11/10.6/10.8	11.5/10.1/10.8
Sound Pressure Level	Cooling *1		dB(A)	49	50	51
	Heating *2		dB(A)	53	54	
External Dimensions (H x W x D)			In	52-11/16 x 41-11/32 x 13		
Net Weight			Lbs	278		
Outdoor Operating Range	Cooling			-5°C – -46°C		
	Heating			-25°C – -21°C		

All test conditions are based on ARI 210/240. Rating conditions:

*1. Cooling - Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency

*2. Heating - Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency

*3. Heating - Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency.

*Wind baffles required to operate below -5°C DB in cooling mode.

**Models MXZ-4C36NAHZ2, MXZ-5C42NAHZ2 and MXZ-8C48NAHZ2 require branch box for operation.

☆ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT



Branch Boxes

Only a single lineset is needed from the outdoor unit to branch box.

Branch box is required on MXZ-4C36/5C42/8C48NAHZ2. Maximum of two branch boxes can be connected to one outdoor unit. Joint connector MSDD-50AR-E or MSDD-50BR-E is required when using 2 branch boxes.

Model				PAC-MKA32BC	PAC-MKA52BC
Connectable No. of Indoor Units				Maximum 3	Maximum 5
Power Supply	Phase, Cycle, Voltage			1 Phase, 60Hz, 208/230V	
Power Input		W		3	
Current		A		0.05	
External Finish				Galvanized Steel Sheets	
Dimension	Width	in.		17-23/32	
	Depth	in.		11-1/32	
	Height	in.		6-11/16	
Net Weight			lbs.	15	16
Refrigerant Pipe Dimensions	Outdoor Unit to Branch Box	Gas (in.)		5/8	
		Liquid (in.)		3/8	
	Branch Box to Indoor Units	Gas (in.)	A,B,C: 3/8	A,B,C,D: 3/8; E: 1/2	
		Liquid (in.)	A,B,C: 1/4	A,B,C,D,E: 1/4	



PAC-MKA32BC



PAC-MKA52BC

ZUBA-MULTI Connectable Indoor Units

Wall-Mounted Style



Deluxe Model			MSZ-FH06NA	MSZ-FH09NA	MSZ-FH12NA	MSZ-FH15NA	MSZ-FH18NA
Cooling Capacity	Btu/h		6,000	9,000	12,000	15,000	17,200
Heating Capacity	Btu/h		8,700	10,900	13,600	18,000	20,300
Airflow (Q, L, M, H, SH)	CFM Dry		137-167-221-304-381		137-167-221-304-398	225-262-304-355-411	225-262-304-355-459
Sound Indoor (Q, L, M, H, SH)	Cooling	dB(A)	20-23-29-36-40		21-24-29-36-41	27-31-35-39-44	27-31-35-39-47
Dimension	H	in.	12-11/16				
	W	in.	36-7/16				
	D	in.	9-3/16				

Enjoy a sleek design that offers features including a new multi-functional wireless remote controller.

- Triple-action filtration including anti-allergen enzyme filter.
- Double-vane air delivery for enhanced circulation.
- 3D i-See Sensor senses human heat signatures.



Model Name	Indoor Unit		MSZ-GL06NA	MSZ-GL09NA	MSZ-GL12NA	MSZ-GL15NA	MSZ-GL18NA	MSZ-GL24NA
Cooling Capacity	Btu/h		6,000	9,000	12,000	14,000	18,000	22,500
Heating Capacity	Btu/h		7,200	10,900	14,400	18,000	21,600	27,600
Airflow (Q, L, M, H, SH)	CFM Dry		145-170-237-321-399			205-272-335-420-533	258-332-417-522-646	388-469-544-628-738
Sound Indoor (Q, L, M, H, SH)	Cooling	dB(A)	19-22-30-37-43		19-22-30-37-45	26-32-38-44-49	28-33-38-44-49	34-41-45-49-53
Dimension	H	in.	11-5/8				12	12-13/16
	W	in.	31-7/16				36-5/16	43-5/16
	D	in.	9-1/8				9-13/16	9-3/8

Enhanced performance compatible with the entire Zuba-Multi product line.

- Dual-action filtration featuring nano platinum filter including anti allergen enzyme filter
- Dual direction vane air delivery (horizontal on 18 & 24K only)
- M-Net interface available



One-Way Ceiling Concealed Style

Model Name	Indoor Unit		MLZ-KP09NA	MLZ-KP12NA	MLZ-KP18NA
Cooling Capacity	Btu/h		9,000	12,000	18,000
Heating Capacity	Btu/h		12,000	15,400	22,000
Airflow (Q, L, M, H, SH)	CFM Dry		311-283-254-212	332-297-258-212	403-346-293-212
Sound Indoor (Q, L, M, H, SH)	Cooling	dB(A)	27-31-34-38	27-32-36-40	29-36-41-47
Dimension	H	in.	7-5/16		
	W	in.	43-3/8		
	D	in.	14-3/16		

Enjoy a sleek design that offers features including a 7-day programmable wireless remote controller.

- Dual-action filtration including anti-allergen enzyme filter
- Simple, flat design
- Multi-flow vane

Ceiling-Concealed Style

Low Static (.2" WG) Model			SEZ-KD09NA	SEZ-KD12NA	SEZ-KD15NA	SEZ-KD18NA
Cooling Capacity		Btu/h	9,000	12,000	15,000	18,000
Heating Capacity		Btu/h	12,000	15,000	18,000	21,600
Airflow (L, M, H)	CFM Dry		194-247-317	247-317-388	353-441-529	423-529-635
Sound Indoor (L, M, H)	Cooling	dB(A)	23-26-30	23-28-33	30-34-37	30-34-38
Dimension	H	in.	7-7/8	7-7/8		7-7/8
	W	in.	31-1/8	39		46-7/8
	D	in.	27-9/16	27-9/16		27-9/16
External Static Pressure	WG	in.	0.02-0.06-0.14-0.20			



The compact horizontal ducted indoor units tuck conveniently into the ceiling or into the ceiling or attic for comfort with an efficient use of space.

- Built-in condensate lift mechanism (up to 22").
- Extreme Quiet Operation – as low as 23dB(A)
- Built-in Auxiliary Heater Control

Medium Static (.6" WG) Model			PEAD-A09AA7	PEAD-A12AA7	PEAD-A15AA7	PEAD-A18AA7	PEAD-A24AA7	PEAD-A30AA7
Cooling Capacity		Btu/h	9,000	12,000	15,000	18,000	24,000	27,000
Heating Capacity		Btu/h	12,000	15,000	18,000	21,600	25,000	30,000
Airflow (L, M, H)	CFM Dry		282-318-353	353-424-494	424-512-600		512-635-741	618-742-883
Sound Indoor (L, M, H)	Cooling	dB(A)	24-26-28	28-30-34	30-33-37		30-33-37	30-34-39
Dimension	H	in.	9-7/8				9-7/8	
	W	in.	35-7/16				43-5/16	
	D	in.	28-7/8				28-7/8	
External Static Pressure	WG	in.	0.14 - 0.20 - 0.28 - 0.40 - 0.60					

Medium Static (.6" WG) Model			PEAD-A36AA7
Cooling Capacity		Btu/h	33,000
Heating Capacity		Btu/h	33,400
Airflow (L, M, H)	CFM Dry		847-1024-1201
Sound Indoor (L, M, H)	Cooling	dB(A)	33-38-42
Dimension	H	in.	9-7/8
	W	in.	55-1/8
	D	in.	28-7/8
External Static Pressure	WG	in.	0.14 - 0.20 - 0.28 - 0.40 - 0.60

Conceal units in the ceilings using short duct runs, allowing for the air-conditioning of adjacent space and creating a wider range of heating and cooling within a single zone.

- Built-in condensate lift mechanism (up to 28").
- Automatic and multiple fan speed control.
- Operating sound as low as 24 dB(A).

4-Way Cassette Style

Compact Model (2' x 2')			SLZ-KF09NA	SLZ-KF12NA	SLZ-KF15NA	SLZ-KF18NA
Cooling Capacity		Btu/h	9,000	12,000	14,100	17,700
Heating Capacity		Btu/h	11,000	13,000	18,000	19,700
Airflow (L, M, H)	CFM Dry		230-265-300	230-280-335	245-315-405	300-420-475
Sound Indoor (L, M, H)	Cooling	dB(A)	25-28-31	25-30-34	27-34-39	32-40-43
Dimension	H	in.	8-3/16			
	W	in.	22-7/16			
	D	in.	22-7/16			



Convenient ceiling-recessed indoor units offer better air distribution in a wide airflow pattern.

- Ventilation air knockouts available.
- Offers multiple airflow options.
- Built-in condensate lift mechanism (up to 20").
- 3D i-See Sensor for precise temperature control
- Easy-clean, washable filter

Standard Model (3' x 3')			PLA-A12EA7	PLA-A18EA7	PLA-A24EA7	PLA-A30EA7	PLA-A36EA7
Cooling Capacity		Btu/h	12,000	18,000	24,000	30,000	36,000
Heating Capacity		Btu/h	14,000	19,000	26,000	32,000	38,000
Airflow (Q, L, M, H, SH)	CFM Dry		420-460-490-530	460-490-570-600	530-640-710-810	570-670-780-880	670-850-1020-1200
Sound Indoor (Q, L, M, H, SH)	Cooling	dB(A)	27-28-29-30	28-29-31-32	28-30-33-36	28-32-35-38	32-37-41-44
Dimension	H	in.	10-3/16		11-3/4		11-3/4
	W	in.	33-1/16		33-1/16		
	D	in.	33-1/16		14-3/16		

- Space-efficient ductless installation
- Built-in condensate lift mechanism (up to 33.5")
- Knockouts for ventilation air and branch duct run
- 3D i-See Sensor for precise temperature control
- Easy-clean, washable filter
- 72 airflow patterns with 4 fan speeds

Floor-Mounted Style

Model			MFZ-KJ09NA	MFZ-KJ12NA	MFZ-KJ15NA	MFZ-KJ18NA
Cooling Capacity		Btu/h	9,000	12,000	15,000	17,000
Heating Capacity		Btu/h	11,000	13,000	18,000	21,000
Airflow (Q, L, M, H, SH)	CFM Dry		138-173-208-251-275		198-237-282-328-374	198-237-282-328-374
Sound Indoor (Q, L, M, H, SH)	Cooling	dB(A)	21-25-30-34-38		28-31-36-40-43	28-31-36-40-43
Dimension	H	in.	23-5/8			
	W	in.	29-17/32			
	D	in.	8-15/32			



Indoor floor units are perfect for small spaces, difficult areas or rooms without usable wall space.

- Top and bottom discharge vanes.
- Wireless remote control with smart set feature.
- Front panel filter access for ease of cleaning.

Multi-Position Style

Model			SVZ-KP12NA	SVZ-KP18NA	SVZ-KP24NA	SVZ-KP30NA	SVZ-KP36NA
Cooling Capacity		Btu/h	12,000	18,000	24,000	27,000	33,000
Heating Capacity		Btu/h	13,500	22,900	25,000	30,000	33,500
Airflow (L, M, H)	CFM Dry		278-381-448	471-573-675	515-625-735	613-744-875	767-910-910
Sound Indoor (L, M, H)	Cooling	dB(A)	29-36-39	33-36-41		32-37-41	35-40-42
Dimension	H	in.	39-13/16			43-7/8	
	W	in.	17			21	
	D	in.	21-5/8			21-5/8	
External Static Pressure	WG	in.	0.3 - 0.5 - 0.8				



Heat or cool large zones and entire homes with the new multi-position ducted air handler. Replace aging furnaces and forced air systems, utilizing the existing ductwork to ensure comfort all year long.

- One inch foam R4.2, fiberglass-free insulation reduces condensation and boosts efficiency.
- Durable, powder coated cabinet
- DC motor ensures quiet and efficient operation year round

Legend:

Q=Quiet, L=Low, M=Med, H=Hi, SH=Super High

MXZ Connection Rules

Port Type

MXZ-2C20NAHZ2, 3C24NAHZ2 and 3C30NAHZ2

- Minimum 2 indoor units must be connected. Minimum 12k Btu must be connected.
- 14/3 300V rated wire from condenser to each indoor unit is required.
- Systems may connect to indoor units up to 130% of rated nominal capacity. Systems using SVZ style indoor unit may only connect up to 100% rated nominal capacity.
- Only 1 SVZ may be connected per outdoor unit.
- When connecting SVZ, connection of only 1 other indoor unit is allowed per MXZ unit.
- If system includes SVZ no P-Series (PEAD etc.) indoor units may be connected.
- Maximum 2 PEAD units may be installed per MXZ outdoor unit. More than two is not permitted.
- 1:1 SVZ connection to MXZ outdoor unit is not a supported combination.

*Maximum installed capacity is the maximum total of all connected indoor units, NOT the maximum capacity produced.

SPTB1 – Separate Power Supply Terminal Block

- Optional kit for providing separate power supply to individual indoor units. 1 Kit required per indoor unit.
- MXZ systems using branch boxes may connect any number of multiposition air handlers (following other rules stated above) with SPTB1 on each indoor unit.

MXZ-4C36NAHZ2, 5C42NAHZ2, 8C48NAHZ2

- Minimum 2 indoor units utilizing 12k Btu must be connected, branch box(s) required for these models. Maximum 2 branch boxes can be connected per outdoor unit.
- 16/2 Shielded M-Net wire runs from Condenser to branch box for communication.
- 14/3 Romex or equivalent minimum 300V copper wire must be used from branch box (if applicable) to each indoor unit.
- SPTB1 separate power supply acceptable for indoor unit power connection.
- More than 2 SVZ may be connected if SPTB1 power supply kit is used on each indoor unit. On each branch box 2 multi-position AHU are connectable with no other units. When 1 SVZ is connected a maximum of 1 SEZ / PEAD unit is allowed.
- Branch box systems using SVZ style indoor unit may only connect up to 130% nominal outdoor unit capacity. Maximum 2 SVZ units may be connected per branch box.
- Up to 3 SEZ or PEAD style units may be connected per branch box (when no SVZ included in system). When 3 SEZ/PEAD style units are connected to a single branch box no other indoor units may be connected to the branch box.
- When system includes even 1 PLA-A*EA7 4-way cassette unit on MXZ-8C48NA, 4C36NAHZ2, 5C42NAHZ2, 8C48NAHZ2 maximum connectable number of indoor units decreases as follows: 6 for MXZ-8C48NA, 3 for MXZ-4C36NAHZ2, 4 for MXZ-5C42NAHZ2 and 6 for MXZ-8C48NAHZ2

- S2 and S3 communication wiring must still be connected to outdoor unit. Refer to install manual for SPTB1 for further information.

ZUBA-MULTI Connectable Indoor Units

Indoor Model			MXZ-2C20NAHZ2	MXZ-3C24NAHZ2	MXZ-3C30NAHZ2	MXZ-4C36NAHZ2	MXZ-5C42NAHZ2	MXZ-8C48NAHZ2
M-Series	Wall Mounted	MSZ-FH06NA	•	•	•	•	•	•
		MSZ-FH09NA	•	•	•	•	•	•
		MSZ-FH12NA	•	•	•	•	•	•
		MSZ-FH15NA	•	•	•	•	•	•
		MSZ-FH18NA		•	•	•	•	•
		MSZ-GL06NA	•	•	•	•	•	•
		MSZ-GL09NA	•	•	•	•	•	•
		MSZ-GL12NA	•	•	•	•	•	•
		MSZ-GL15NA	•	•	•	•	•	•
		MSZ-GL18NA		•	•	•	•	•
		MSZ-GL24NA			•	•	•	•
	Ceiling Concealed	MLZ-KP09NA	•	•	•	•	•	•
		MLZ-KP12NA	•	•	•	•	•	•
		MLZ-KP18NA		•	•	•	•	•
	Floor Mounted	MFZ-KJ09NA	•	•	•	•	•	•
		MFZ-KJ12NA	•	•	•	•	•	•
		MFZ-KJ15NA	•	•	•	•	•	•
		MFZ-KJ18NA		•	•	•	•	•
S-Series	4-Way Cassette	SLZ-KF09NA	•	•	•	•	•	•
		SLZ-KF12NA	•	•	•	•	•	•
		SLZ-KF15NA		•	•	•	•	•
	Ceiling Concealed	SEZ-KD09NA	•	•	•	•	•	•
		SEZ-KD12NA	•	•	•	•	•	•
		SEZ-KD15NA	•	•	•	•	•	•
		SEZ-KD18NA		•	•	•	•	•
P-Series	4-Way Cassette	PLA-A12EA				•	•	•
		PLA-A18EA		•	•	•	•	•
		PLA-A24EA				•	•	•
		PLA-A30EA				•	•	•
		PLA-A36EA				•	•	•
	Ceiling Concealed	PEAD-A09AA	•	•	•	•	•	•
		PEAD-A12AA	•	•	•	•	•	•
		PEAD-A15AA	•	•	•	•	•	•
		PEAD-A18AA		•	•	•	•	•
		PEAD-A24AA			•	•	•	•
		PEAD-A30AA				•	•	•
		PEAD-A36AA				•	•	•
Vertical / Horizontal	Multi-position Air Handling Unit	SVZ-KP12NA	•	•	•	•	•	•
		SVZ-KP18NA		•	•	•	•	•
		SVZ-KP24NA			•	•	•	•
		SVZ-KP30NA				•	•	•
		SVZ-KP36NA				•	•	•

MEMO PAGE

Handwriting practice lines consisting of 30 horizontal dashed lines.



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