

**AS CANADIANS,  
WE COULD ALL USE  
SOME ZUBA  
TO WARM US UP.**



**ZUBA**

BY



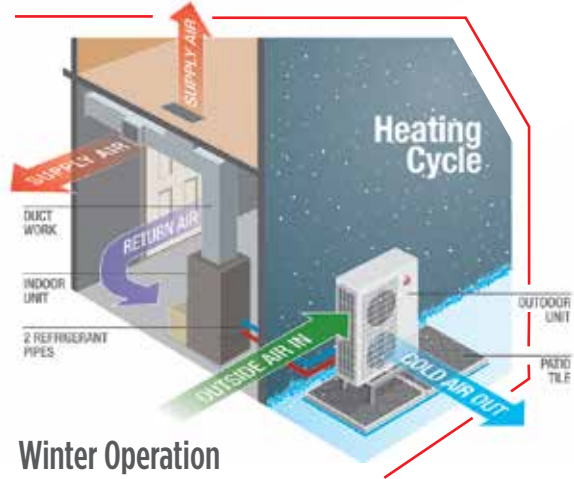
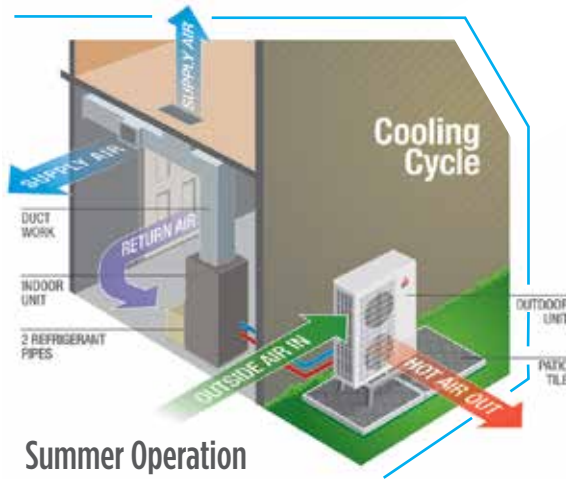
Heating and Cooling

[ZubaColdClimate.ca](http://ZubaColdClimate.ca)

# What exactly is Zuba?

An amazing and efficient way to stay comfortable in your home year-round.

It's not a fitness dance craze, or a hot new streaming service, Zuba is a family of Cold Climate Heat Pumps featuring Hyper-Heat Technology, and was developed as a home heating and cooling system specifically for Canada. By delivering exceptional heating performance in the winter and effortless cooling in the summer, Zuba delivers year-round comfort with or without a supplemental indoor heating device. Additionally, Zuba's unique hot-start technology provides warmth from the moment it's turned on, helping to reduce drafts.



Depending on your geographical location and use, an auxiliary heat source may be required.

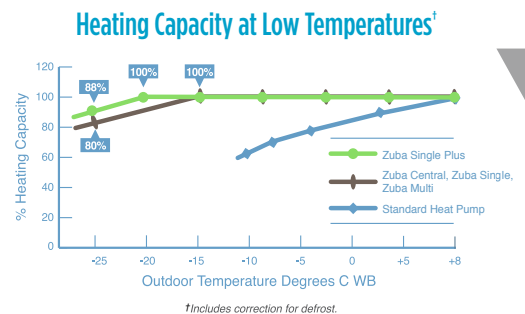
## What can Zuba mean to you?



\* Now you can experience the year-round comfort, savings, quality and reliability you deserve. The secret behind Zuba's superior heating capabilities is our **efficient and patented Cold Climate Hyper-Heat (H2i™) technology**. Designed for the Canadian market, Zuba operates at **100% heating capacity at -15°C** and continues to deliver exceptional heating performance when the outdoor temperature drops **as low as -30°C\* and beyond**. The unique defrost mechanism provides an extended period of continuous heating between defrost cycles and minimizes the defrost time required.

## An innovative step forward

For even more heating power, our most advanced model, Zuba Single Plus, features our exclusive **Hyper-Heat Plus (H2i+™) technology**, and is backed by our best **12-year warranty\*\*** to date. Engineered to provide **100% heating performance in -20°C**, H2i+™ gives Zuba the power to continue **operating efficiently in temperatures as low as -25°C† and beyond**. Ensuring that even on the coldest days, you still experience elevated indoor comfort.



NOTE: Lines shown on chart after 100% are based on an average capacity of different size models

\*All versions of models MXZ-4C36NAHZ, MXZ-5C42NAHZ, MXZ-8C48NAHZ, PUZ-HA24NHA, PUZ-HA30/36/42NKA, SUZ-KA24/30/36NAHZ. Includes tolerance. Units can operate down to -30°C and beyond, depending on conditions.  
 \*\* Valid with the purchase of a FS system, comprising approved FS indoor and FS outdoor units, installed and registered by a MEQ certified installer. Restrictions apply. See warranty terms and conditions for complete details.  
 †Includes tolerance. Typical units can operate in heating mode down to -27°C depending on condition.

## ZUBA CENTRAL

For whole home heating and cooling through a centrally ducted system



08

## ZUBA SINGLE

For a single zone solution that provides comfort and control in individual rooms that run too hot or too cold



14

## ZUBA SINGLE PLUS

For a single zone solution that provides enhanced heating capabilities and an exclusive extended warranty



20

## ZUBA MULTI

For a duct-free, whole-home solution providing customized comfort settings to multiple zones



22

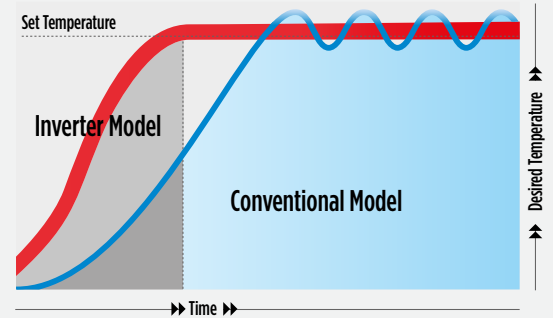
No matter where you live,  
with heating and cooling solutions  
for every type of space,  
you're sure to find a Zuba  
that's right for you.

# Smarter technology inside & out

Engineered with state-of-the-art technology exclusive to Mitsubishi Electric, Zuba delivers a level of power and efficiency that traditional HVAC systems may struggle to keep up with.

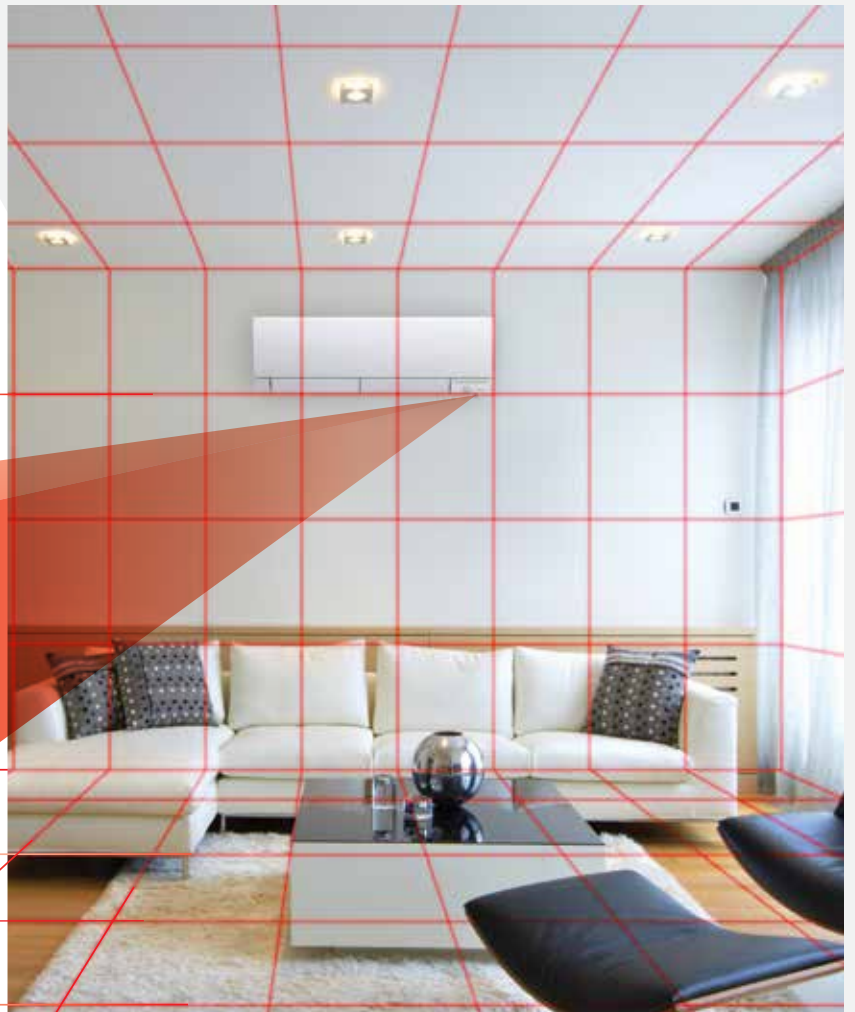
## Variable Compressor Speed Inverter (VCSi) Technology

All Zuba Cold Climate Heat Pump systems are powered by VCSi technology. This allows you to achieve consistent temperatures throughout your space while saving you up to 50%\* in energy costs. Unlike conventional units which only cycle between On and Off, 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 need.



## 3D i-see Sensor

The 3D i-see Sensor\*\* scans the entire room and divides it into 752 zones, detecting exactly where you and your family are located based on your unique body temperature, and directs the perfect amount of cool or warm air flow to match your ideal comfort level. **The 3D i-see Sensor is so precise, it can even differentiate between people and pets!**



\*Based on a 2014 Study by Natural Resources Canada comparing electric baseboard heating vs. a heat pump. Potential savings may vary depending on type of equipment, personal lifestyle, system settings, equipment maintenance, and installation of equipment.

\*\*Available on the MSZ-FH, SLZ-KF and MSZ-FS models

## Dual Barrier Coating

The patented Mitsubishi Electric Dual Barrier Coating, exclusive to Zuba Single Plus, prevents dust and dirt from accumulating on the inner surface of your heat pump; keeping it clean year-round.

Air Duct



Heat Exchanger

Fan

## Clearing the air on comfort

Now more than ever, the quality of the air you breathe is important. Here are some of the high-quality filtration systems you will find in many of our Zuba indoor units.

### Nano Platinum Filter

With a 3D surface and a large capture area incorporating nanometer-sized platinum-ceramic particles, bacteria, mold, and odours are broken down.

### Deodorizing Filter

The catalyst denatures odorous components and destroys them from the source, quickly delivering fresh air to your room.

### Electrostatic Anti-Allergy Enzyme Filter

The electrostatically charged filter efficiently traps tiny particles and the enzyme component contained in the filter neutralizes viruses, bacteria, and allergens.

*Filtration systems vary depending on model.*



# The Zuba advantage

## Setting the standard for efficiency

At Mitsubishi Electric, we stand behind every product that bears our name. That's why the entire Zuba line is engineered with energy-efficiency in mind, so you can experience up to 50%\* on energy savings.

### Seasonal Energy Efficiency Ratio (SEER) & Energy Efficiency Ratio (EER)

SEER measures the efficiency level of an air conditioning system throughout an entire cooling season, whereas EER calculates how efficiently a cooling system will operate at a specified outdoor temperature (35°C). The higher the number the more efficient a system is. All Zuba systems deliver a high SEER and EER rating.

### Heating Seasonal Performance Factor (HSPF) & Coefficient of Performance (COP)

HSPF measures the efficiency level of a heat pump during an entire heating season. COP lets you know the efficiency level during specific outdoor temperatures of the heating season. A higher HSPF and COP rating results in better energy savings. Zuba delivers high HSPF and COP ratings, ensuring your comfort during the cold winter months.



### Energy Star® Rated

The majority of the models in the Zuba line are Energy Star® rated, ensuring you enjoy a comfortable space as well as lower energy use.

### Clean, green performance

Zuba systems utilize R-410A, an ozone-friendly refrigerant. This eco-friendly approach not only helps you reduce your carbon footprint but translates into better energy-efficiency and performance.



\*Based on a 2014 Study by Natural Resources Canada comparing electric baseboard heating vs. a heat pump. Potential savings may vary depending on type of equipment, personal lifestyle, system settings, equipment maintenance, installation of equipment, and applicable regional electrical utility delivery and regulatory charges.

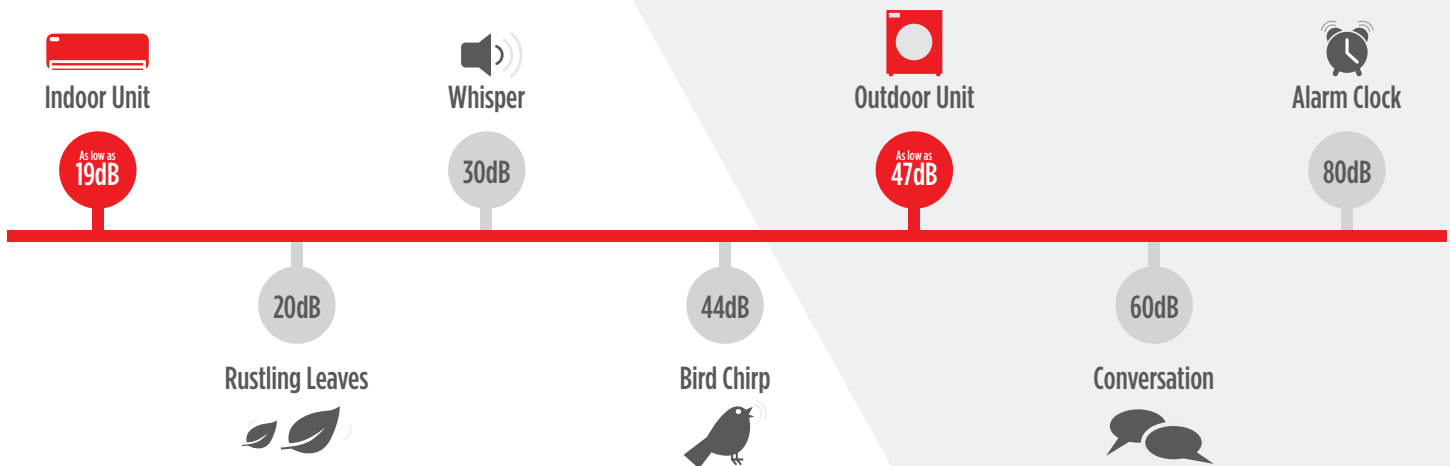
# Extended peace-of-mind

Most models in the Zuba family are backed by a 10-year\*\* extended warranty on parts and compressor. Zuba Single Plus, our most advanced model comes with an exclusive 12-year† extended warranty on parts and compressor.



## Whisper quiet operation

Mitsubishi Electric products are among the quietest heating and cooling systems you can buy. Introduce your space to some peace and quiet with indoor units that operate as low as 20 dB (A). That's literally as quiet as a whisper.

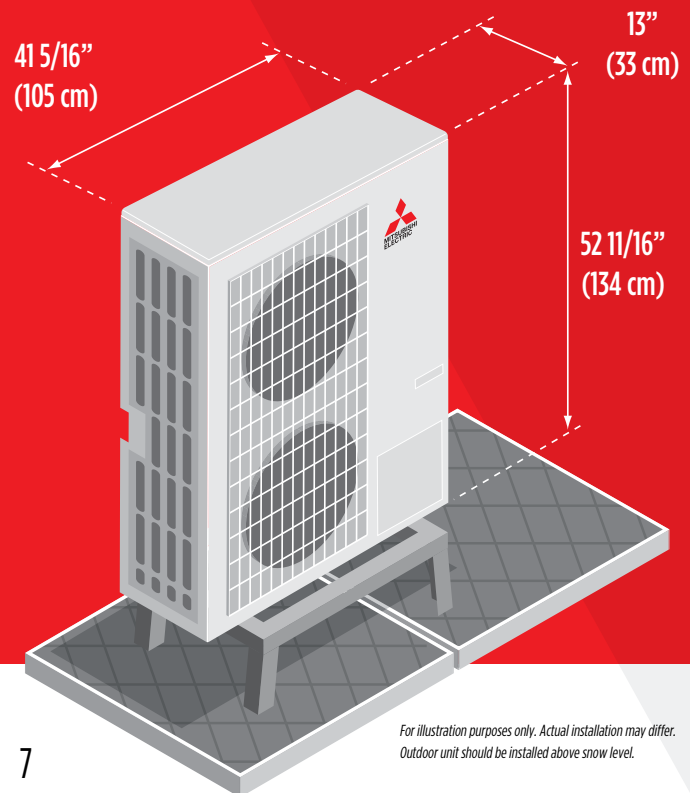


## Stylish & flexible comfort solutions

Zuba features a range of sleek and stylish indoor units to accommodate any space. With different system configurations to choose from, finding a Zuba that fits your home comfort and decor needs has never been easier.

## Small size – massive improvement

The Zuba outdoor units measure from 11¼ to only 13 inches deep – which sits perfectly alongside your exterior wall and gives you back more of your precious backyard and patio space than a traditional A/C system can.



\*\*When installed and registered by a MEQ certified HVAC (Heating, Ventilation, and Air Conditioning) Installer. Certain conditions, restrictions and/or limitations apply. See warranty terms and conditions for complete details.

†Valid with the purchase of a FS system, comprising approved FS indoor and FS outdoor units. Must be installed and registered by a MEQ certified Installer. Restrictions apply. See warranty terms and conditions for complete details.

For illustration purposes only. Actual installation may differ. Outdoor unit should be installed above snow level.

# ZUBA CENTRAL



Style of SVZ/PVA



Ceiling-Concealed PEAD

Experience a new level of year-round home comfort with Zuba Central. Designed for Canada's tough weather, this **whole-home solution** is a primary heating and cooling system for centrally ducted applications and is ideal for any size home. By installing easily into new or existing ductwork, Zuba Central delivers **better performance and more efficiency** than traditional, oil, and propane systems.

## Key features

- Exclusive H2i™ technology
- Exceptional heating performance in  $-30^{\circ}\text{C}^*$  and beyond
- 100% heating power in  $-15^{\circ}\text{C}$
- 10-year<sup>†</sup> warranty on parts and compressor
- Remote wireless control
- Includes a base pan heater

Up to 19.3 SEER

Up to 14.1 EER

Up to 11.2 HSPF

Up to 3.9 COP

**HYPER  
HEAT AT  
-30°C**\*

**10 YEAR**<sup>†</sup>  
PARTS & COMPRESSOR  
WARRANTY



\*All versions of models PUZ-HA24NHA, PUZ-HA30/36/42NKA, SUZ-KA 24/30/36MAHZ. Includes tolerance. Units can operate down to  $-30^{\circ}\text{C}$  and beyond, depending on conditions.  
<sup>†</sup>When installed and registered by a MEQ certified HVAC (Heating, Ventilation, and Air Conditioning) Contractor. Certain conditions, restrictions and/or limitations apply. See warranty terms and conditions for complete details.



Indoor Unit Model			PVA-A24KAA7	PVA-A30AA7	PVA-A36AA7	PVA-A42AA7	
Outdoor Unit Model			PUZ-HA24NHA1	PUZ-HA30NKA	PUZ-HA36NKA	PUZ-HA42NKA1	
ENERGY STAR QUALIFIED				☆	☆		
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	15,500~33,000	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	1,980 (550~2,200)	2,460 (950~2,750)	2,850 (1,000~3,070)	3,850 (1,720~4,570)	
Rated (Max.)	Heating@-8°C	W	2,216 (3,550)	2,515 (4,135)	2,825 (4,895)	4,925 (6,635)	
EER	Cooling		11.4	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		3.84/2.14/2		3.66/2.06/1.82		
Capacity Control	Variable Compressor Speed (VCSi)						
Refrigerant	R-410A						
Power Supply	Voltage, Phase, Cycle 208/230V, 1-Phase, 60Hz,						
Moisture Removal	Pints/h		3.7			3.8	
Airflow (Lo-Med-Hi)	Indoor	CFM Dry	613-744-875			788-956-1125	1040-1262-1485
Sound Indoor (Lo-Med-Hi)	Cooling	dB(A)	32-36-40				36-40-44
Sound Outdoor	Cooling	dB(A)	52/53				49/51
Max. Fuse Size	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)						
Dimensions Unit + Panel (H x W x D)	Indoor	in.	54-1/4 x 21 x 21-5/8			59-1/2 x 25 x 21-5/8	
	Outdoor	in.	37-1/18 x 37-13/32 x 13		52-11/16 x 41-5/16 x 13		
Weight - Unit + Panel	Indoor	lbs. (kg)	141 (64)			172 (78)	
	Outdoor	lbs.	190	261		283	
Field Drain Pipe Size			Inches				3/4
Pipe Size			Liq. X Gas				3/8 x 5/8
Max. Height Difference			Ft. (m)				100 (30)
Max. Pipe Length			Ft. (m)	165 (50)	245 (75)		
Outdoor Operating Range Maximun Minimum	Cooling		D.B. 46°C   D.B. -18** Requires ME windscreen for operation below -5°C				
	Heating		D.B. 24°C   D.B. -25°C				



\*Includes tolerance. Units can operate down to -30°C and beyond, depending on conditions.  
 AHRI Rated Conditions (Rated data is determined at a fixed compressor speed)  
 Cooling (Indoor // Outdoor) - °C - 26.7°C DB, 19.4°C WB // 35°C DB, 23.9°C WB  
 Heating at 8°C (Indoor // Outdoor) - °C - 21.1°C DB, 15.6°C WB // 8.3°C DB, 6.1°C WB  
 Heating at -8°C (Indoor // Outdoor) - °C - 21.1°C DB, 15.6°C WB // -8.3°C DB, -9.4°C WB  
 Heating at -15°C (Indoor // Outdoor) - °C - 21°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.

Electrical:  
 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

Indoor Unit Model			SVZ-KP12NA	SVZ-KP18NA	SVZ-KP24NA	SVZ-KP30NA	SVZ-KP36NA
Outdoor Unit Model			SUZ-KA12NAHZ	SUZ-KA18NAHZ	SUZ-KA24NAHZ*	SUZ-KA30NAHZ*	SUZ-KA36NAHZ*
ENERGY STAR QUALIFIED			☆	☆		☆	
Capacity (Rated)	Cooling	Btu/h	12,000	18,000	24,000	27,000	36,000
Capacity (Min. ~ Max.)		Btu/h	5,600~12,000	9,360~18,000	8,800~24,000	13,400~27,000	14,200~36,000
Capacity (Rated)	Heating@ 8°C	Btu/h	15,000	21,600	23,000	32,000	37,000
Capacity (Min. ~ Max.)		Btu/h	7,700~18,000	8,800~28,000	9,400~28,800	13,000~34,000	13,800~40,000
Capacity (Rated)	Heating@ -8°C	Btu/h	8,900	14,300	19,200	21,400	32,800
Capacity (Max.)		Btu/h	15,000	21,600	23,000	32,000	37,000
Capacity (Max.)	Heating@ -15°C	Btu/h	15,000	21,600	23,000	32,000	37,000
Power Consumption	Cooling	W	860	1,440	2,420	2,100	3,760
Rated (Min. ~ Max.)	Heating@ 8°C	W	1,000 (510~1,420)	1,810 (550~3,140)	540~2,790	810~2,880	820~ 4,160
Rated (Max.)	Heating@ -8°C	W	1,000 (1,690)	1,810 (2,740)	2,566 (3,700)	2,750 (3,970)	4,230 (5,800)
EER	Cooling		13.9	12.5	9.9	12.5	9.5
SEER	Cooling		19.0	18.4	16	15	16
HSPF (IV)	Heating		10.2	10.4	9.2	9	9
COP (8°C/-8°C/-15°C)†			3.8/2.6/1.69	3.3/2.31/1.75	3.1/1.8/1.6	3.9/2/1.75	3.3/1.8/1.6
Capacity Control	Variable Compressor Speed (VCSi)						
Refrigerant	R410A						
Power Supply	Voltage, Phase, Cycle		208/230V, 1-Phase, 60Hz				
Moisture Removal	Pints/h		0.8	1.1	5	4	8
Airflow (Lo-Med-Hi)	Cooling/Heating	CFM Dry	278-381-448	471-573-675	512-625-735	613-744-875	767-910-910
Sound Indoor (Lo-Med-Hi)	Cooling	dB(A)	29-36-39	31-35-39	33-36-41	32-37-41	35-40-42
Sound Outdoor	Cooling	dB(A)	54	55	53		
	Indoor	A	15			20	
Max. Fuse Size (Time Delay)	Outdoor	A	24	31	27	40	42
Min. Ampacity	Indoor	A	3			4.13	
	Outdoor	A	14	17		24	26
Fan Speed Control	3 (Low, Med, Hi)						
Air Filters (Washable)	Standard Long-Life Filter (up to 2,500 hours)						
Dimension (H x W x D)	Indoor	in.	39-3/16 x 21-5/8 x 17			43-3/4 x 21-5/8 x 21	
	Outdoor	in.	34-5/8 x 33-1/16 x 13		37-1/8 x 37-13/32 x 13		52-43/64 x 41-5/16 x 13
Weight	Indoor	lbs.	93			119	
	Outdoor	lbs.	129	131	190	261	
Pipe Size	Liq. X Gas	in.	1/4 x 3/8		3/8 x 5/8		
Max. Height Difference		Ft.	40	50	100		
Max. Pipe Length		Ft.	65	100	165	245	
Outdoor Operating Range Maximum Minimum	Cooling		D.B. 46°C   D.B. -10°C			D.B. 46°C   D.B. -18°C††	
	Heating		D.B. 24°C   D.B. -25°C			D.B. 24°C   D.B. -25°C	



\*The SUZ 24/30/36 can operate down to -30°C, depending on conditions.  
 Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions  
 All test conditions are based on AHRI 210/240. Rating conditions:  
 Cooling - Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
 Heating - Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
 Heating - Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency.  
 †8°C is based on rated capacity and -8°C/-15°C is based on maximum capacity  
 ††Requires ME windscreen for operation below -5°C



THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

Indoor Unit Model			PEAD-A09AA7	PEAD-A12AA7	PEAD-A15AA7
Outdoor Unit Model			SUZ-KA09NAHZ	SUZ-KA12NAHZ	SUZ-KA15NAHZ
ENERGY STAR QUALIFIED			☆	☆	☆
Capacity (Rated)	Cooling	Btu/h	9,000	12,000	15,000
Capacity (Min. ~ Max.)		Btu/h	5,000~9,000	5,770~12,000	9,600~15,000
Capacity (Rated)	Heating@ 8°C	Btu/h	12,000	15,000	18,000
Capacity (Min. ~ Max.)		Btu/h	8,200~14,000	7,900~18,000	8,800~23,000
Capacity (Rated)	Heating@ -8°C	Btu/h	6,800	9,000	11,700
Capacity (Max.)		Btu/h	12,000	15,000	18,000
Capacity (Max.)	Heating@ -15°C	Btu/h	12,000	15,000	18,000
Power Consumption	Cooling	W	650	850	1,190
Rated (Min. ~ Max.)	Heating@ 8°C	W	910 (510~1,120)	1,100 (480~1,390)	1,710 (540~2,800)
Rated (Max.)	Heating@ -8°C	W	690 (900)	970 (1,620)	1,500 (2,310)
EER	Cooling		13.8	14.1	12.6
SEER	Cooling		17.8	19.3	18.3
HSPF (IV)	Heating		10.8	11.0	9.9
COP (8°C/-8°C/-15°C)†			3.8/2.54/1.67	3.9/2.71/2.09	3/2.28/1.81
Capacity Control	Variable Compressor Speed (VCSi)				
Refrigerant	R410A				
Power Supply	Voltage, Phase, Cycle		208/230V, 1-Phase, 60Hz		
Moisture Removal	Pints/h		1.4	1.9	20
Airflow (Lo-Med-Hi)	Cooling/Heating	CFM Dry	282-318-353	353-424-494	424-512-600
Sound Indoor (Lo-Med-Hi)	Cooling	dB(A)	24-26-28		28-30-34
Sound Outdoor	Cooling	dB(A)	54		55
Max. Fuse Size (Time Delay)	Indoor	A	15		
	Outdoor	A	24		31
Min. Ampacity	Indoor	A	1.45		1.69
	Outdoor	A	14		17
Fan Speed Control	3 (Low, Med, Hi)				
Air Filters (Washable)	Standard Long-Life Filter (up to 2,500 hours)				
Dimension	Indoor	in.	9-7/8 x 35-7/16 x 28-7/8		
(H x W x D)	Outdoor	in.	34-5/8 x 33-1/16 x 13		
Weight	Indoor	lbs.	58		62
	Outdoor	lbs.	129		131
Pipe Size	Liq. X Gas	in.	1/4 x 3/8		1/4 x 1/2
Max. Height Difference		Ft.	40		
Max. Pipe Length		Ft.	65		
Outdoor Operating Range Maximum Minimum	Cooling		D.B. 46°C   D.B. -10°C		
	Heating		D.B. 24°C   D.B. -25°C		



\*The SUZ 24/30/36 can operate down to -30°C, depending on conditions.  
 Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions.  
 All test conditions are based on AHRI 210/240. Rating conditions:  
 Cooling - Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
 Heating - Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
 Heating - Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency.  
 †8°C is based on rated capacity and -8°C/-15°C is based on maximum capacity  
 †Requires ME windscreen for operation below -5°C



THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

Indoor Unit Model			PEAD-A18AA7	PEAD-A24AA7	PEAD-A30AA	PEAD-A36AA7
Outdoor Unit Model			SUZ-KA18NAHZ	SUZ-KA24NAHZ*	SUZ-KA30NAHZ*	SUZ-KA36NAHZ*
ENERGY STAR QUALIFIED			☆		☆	☆
Capacity (Rated)	Cooling	Btu/h	18,000	24,000	30,000	33,000
Capacity (Min. ~ Max.)		Btu/h	9,320~18,000	10,000~24,000	14,600~30,000	15,600~33,000
Capacity (Rated)	Heating@ 8°C	Btu/h	21,000	25,000	32,000	37,000
Capacity (Min. ~ Max.)		Btu/h	8,800~28,000	10,000~28,000	14,700~34,000	17,400~40,000
Capacity (Rated)	Heating@ -8°C	Btu/h	14,200	18,000	21,000	25,400
Capacity (Max.)		Btu/h	21,600	25,000	32,000	37,000
Capacity (Max.)	Heating@ -15°C	Btu/h	21,600	25,000	32,000	37,000
Power Consumption	Cooling	W	1,400	2,080	2,350	2,490
Rated (Min. ~ Max.)	Heating@ 8°C	W	1,890 (540~3,250)	1,920 (630~2,280)	2,740 (980~3,030)	2,940 (1,050~3,260)
Rated (Max.)	Heating@ -8°C	W	1,670 (2,550)	2,096 (3,450)	2,615 (4,445)	2,955 (4,985)
EER	Cooling		12.8	10.3	12.5	
SEER	Cooling		18.9	15		
HSPF (IV)	Heating		10.8	9		
COP (8°C/-8°C/-15°C)†			3.3/2.48/1.66	3.8/2.1/1.75	3.4/2.1/1.75	3.6/2.2/1.75
Capacity Control	Variable Compressor Speed (VCSi)					
Refrigerant	R410A					
Power Supply	Voltage, Phase, Cycle 208/230V, 1-Phase, 60Hz					
Moisture Removal	Pints/h		3.6	6.9	6.5	3.6
Airflow (Lo-Med-Hi)	Cooling/Heating	CFM Dry	424-512-600	512-635-741	618-742-883	847-1024-1201
Sound Indoor (Lo-Med-Hi)	Cooling	dB(A)	30-33-37			33-38-42
Sound Outdoor	Cooling	dB(A)	55	52		
Max. Fuse Size (Time Delay)	Indoor	A	15	20		
	Outdoor	A	31	27	40	42
Min. Ampacity	Indoor	A	1.69	2.63	2.73	
	Outdoor	A	17			24
Fan Speed Control	3 (Low, Med, Hi)					
Air Filters (Washable)	Standard Long-Life Filter (up to 2,500 hours)					
Dimension	Indoor	in.	9-7/8 x 35-7/16 x 28-7/8	9-7/8 x 43-5/16 x 28-7/8		9-7/8 x 55-1/8 x 28-7/8
(H x W x D)	Outdoor	in.	34-5/8 x 33-1/16 x 13	37-1/8 x 37-13/32 x 13	52-43/64 x 41-5/16 x 13	
Weight	Indoor	lbs.	62	69		86
	Outdoor	lbs.	131	190	261	
Pipe Size	Liq. X Gas	in.	1/4 x 1/2	3/8 x 5/8		
Max. Height Difference		Ft.	50	100		
Max. Pipe Length		Ft.	100	165	245	245
Outdoor Operating Range Maximun Minimun	Cooling		D.B. 46°C   D.B. -18°C††			
	Heating		D.B. 24°C   D.B. -25°C			

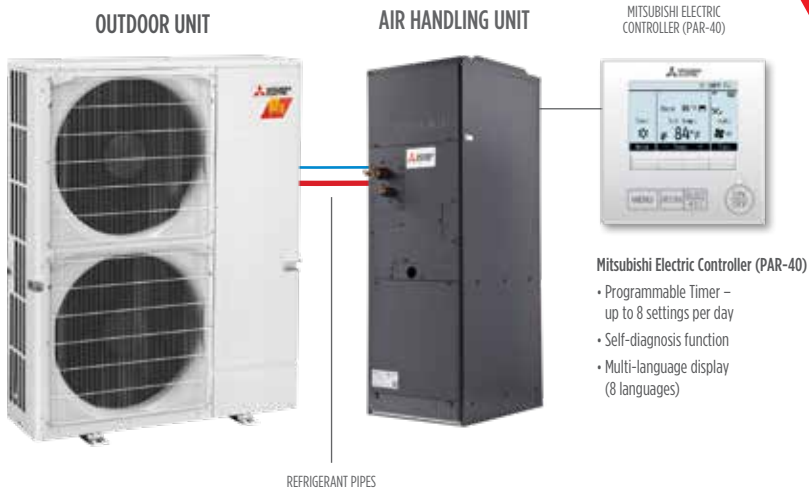


\*The SUZ 24/30/36 can operate down to -30°C, depending on conditions.  
 †Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions  
 All test conditions are based on AHRI 210/240. Rating conditions:  
 Cooling - Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
 Heating - Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
 Heating - Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency.  
 †8°C is based on rated capacity and -8°C/-15°C is based on maximum capacity  
 †Requires ME windscreen for operation below -5°C



THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

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



NOTE: Indoor model shown is PVA but SVZ and PEAD can be used for central heating and cooling

## Flexible System Configuration

Package Includes:

- Outdoor Unit
- 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 smart phone using an optional internet gateway.
  - RMF-CA100-V1 allows connection of North American Thermostat with Mitsubishi Electric ducted air handlers (optional)

\*PVA-A42AA7 only



# ZUBA SINGLE



Perfectly suited for older homes with no space for ductwork, Zuba Single, with Cold Climate Hyper-Heat technology, offers **individual comfort and control** for rooms that run too hot or too cold like enclosed patios, basements, bedrooms over the garage or any room that seems to never reach the right temperature.

*Depending on your geographical location and use, an auxiliary heat source may be required.*

## Key features

- Exclusive H2i™ technology
- Exceptional heating performance in  $-25^{\circ}\text{C}^*$  and beyond
- 100% heating power in  $-15^{\circ}\text{C}$
- 10-year<sup>†</sup> warranty on parts and compressor
- Remote wireless control
- Includes a base pan heater

Up to 33.1 SEER

Up to 19.1 EER

Up to 13.0 HSPF

Up to 4.68 COP

**HYPER  
HEAT AT  
 $-25^{\circ}\text{C}$** \*

**10 YEAR<sup>†</sup>**  
PARTS & COMPRESSOR  
WARRANTY



\*Includes tolerance. Typical units can operate in heating mode down to  $-27^{\circ}\text{C}$  depending on condition.

†When installed and registered by a MEQ certified HVAC (Heating, Ventilation, and Air Conditioning) Contractor. Certain conditions, restrictions and/or limitations apply. See warranty terms and conditions for complete details.

Indoor Unit Model			MLZ-KP09NA	MLZ-KP12NA	MLZ-KP18NA
Outdoor Unit Model			SUZ-KA09NAHZ	SUZ-KA12NAHZ	SUZ-KA18NAHZ
ENERGY STAR QUALIFIED			☆	☆	☆
Capacity (Rated)	Cooling	Btu/h	9,000	12,000	16,700
Capacity (Min. ~ Max.)		Btu/h	4,800~9,000	5 270~12,000	8,740~16,700
Capacity (Rated)	Heating@ 8°C	Btu/h	12,000	15,000	18,600
Capacity (Min. ~ Max.)		Btu/h	8,300~14,000	7,800~18,000	8,500~22,000
Capacity (Rated)	Heating@ -8°C	Btu/h	6,600	9,100	11,800
Capacity (Max.)		Btu/h	12,000	15,000	18,600
Capacity (Max.)	Heating@ -15°C	Btu/h	12,000	15,000	18,600
Power Consumption	Cooling	W	720	940	1,335
Rated (Min. ~ Max.)	Heating@ 8°C	W	840 (510~1,100)	1,130 (540~1,630)	1,780 (560~2,700)
Rated (Max.)	Heating@ -8°C	W	700 (1,280)	1,050 (1,740)	1,430 (2,260)
EER	Cooling		12.5	12.7	12.5
SEER	Cooling		18.9	19.0	18.8
HSPF (IV)	Heating		11.0	10.2	10.0
COP (8°C/-8°C/-15°C)†			4.1/2.74/1.67	3.8/2.52/1.57	3/2.41/1.39
Capacity Control	Variable Compressor Speed (VCSi)				
Refrigerant	R410A				
Power Supply	Voltage, Phase, Cycle 208/230V, 1-Phase, 60Hz				
Moisture Removal	Pints/h		1.8	3.1	5.1
Airflow (SLo-Lo-Med-Hi)	Cooling	CFM Dry	212-254-283-311	212-258-297-332	212-293-346-403
Sound Indoor (SLo-Lo-Med-Hi)	Cooling	dB(A)	27-31-34-38	27-32-36-40	29-36-41-47
Sound Outdoor	Cooling	dB(A)	54		55
Max. Fuse Size (Time Delay)	Indoor	A	15		
	Outdoor	A	24	31	
Min. Ampacity	Indoor	A	1,0		
	Outdoor	A	14	17	
Fan Speed Control	4 (Quiet, Low, Med, Hi)				
Air Filters (Washable)	Catechin Plus Air Purifying System (Catechin Plus Pre-Filter, Anti-Allergy Blue Enzyme Filter)				
Dimension (H x W x D)	Indoor	in.	7-5/16 x 43-3/8 x 14-3/16		
	Grille	in.	1-5/6 x 47-1/4 x 16-11/16		
	Outdoor	in.	34-5/8 x 33-1/16 x 13		
Weight	Indoor/Grille	lbs.	34/8		
	Outdoor	lbs.	129	131	
Pipe Size	Liq. X Gas	in.	1/4 x 3/8	1/4 x 1/2	
Max. Height Difference		Ft.	40	50	
Max. Pipe Length		Ft.	65	100	
Outdoor Operating Range Maximum Minimum	Cooling		D.B. 46 °C   D.B. -10 °C		
	Heating		D.B. 24 °C   D.B. -25 °C		



\*Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions. All test conditions are based on AHRI 210/240.  
 Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
 Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
 Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency  
 †8°C is based on rated capacity and -8°C/-15°C is based on maximum capacity



☆ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT



Indoor Unit Model			SLZ-KF09NA	SLZ-KF12NA	SLZ-KF15NA	SLZ-KF18NA
Outdoor Unit Model			SUZ-KA09NAHZ	SUZ-KA12NAHZ	SUZ-KA15NAHZ	SUZ-KA18NAHZ
ENERGY STAR QUALIFIED			☆	☆	☆	☆
Capacity (Rated)	Cooling	Btu/h	9,000	12,000	13,700	16,800
Capacity (Min. ~ Max.)		Btu/h	4,800~9,000	5,070~12,000	8,500~13,700	9,010~16,800
Capacity (Rated)	Heating@ 8°C	Btu/h	11,000	13,800	16,400	18,800
Capacity (Min. ~ Max.)		Btu/h	7,400~13,200	7,800~14,500	8,300~19,000	8,300~20,000
Capacity (Rated)	Heating@ -8°C	Btu/h	6,300	8,300	9,700	12,100
Capacity (Max.)		Btu/h	11,000	13,800	16,400	18,800
Capacity (Max.)	Heating@ -15°C	Btu/h	11,000	13,800	16,400	18,800
Power Consumption	Cooling	W	600	940	1 095	1,340
Rated (Min. ~ Max.)	Heating@ 8°C	W	820 (510~1,080)	1,170 (520~1,300)	1,830 (600~2,330)	2,020 (600~2,310)
Rated (Max.)	Heating@ -8°C	W	720 (1,260)	1,020 (1,700)	1,490 (2,520)	1,610 (2,510)
EER	Cooling		15.0	12.7	12.5	12.5
SEER	Cooling		20.2	20.3	17.7	19.0
HSPF (IV)	Heating		10.0	9.0	9.4	9.4
COP (8°C/-8°C/-15°C)†			3.9/2.55/1.34	3.4/2.37/1.83	2.6/1.9/1.84	2.7/2.19/1.44
Capacity Control	Variable Compressor Speed (VCSi)					
Refrigerant	R410A					
Power Supply	Voltage, Phase, Cycle		208/230V, 1-Phase, 60Hz			
Moisture Removal	Pints/h		1.9	3.1	3.4	4.2
Airflow (Lo-Med-Hi)	Cooling	CFM Dry	230-265-300	230-280-335	245-315-405	300-420-475
Sound Indoor (Lo-Med-Hi)	Cooling	dB(A)	25-28-31	25-30-34	27-34-39	32-40-43
Sound Outdoor	Cooling	dB(A)	54		55	
Max. Fuse Size (Time Delay)	Indoor	A	15		20	
	Outdoor	A	24		31	
Min. Ampacity	Indoor	A	0,25	0.3	0.4	0.54
	Outdoor	A	14		17	
Fan Speed Control	3 (Low, Med, Hi)					
Air Filters (Washable)	Standard Long-Life Filter (up to 2,500 hours)					
Dimension (H x W x D)	Indoor	in.	9-21/32 x 22-7/16 x 22-7/16			
	Grille	in.	25/32 x 25 - 19/32 x 25 - 19/32			
	Outdoor	in.	34-5/8 x 33-1/16 x 13			
Weight	Indoor/Grille	in.	30,6/7			
	Outdoor	in.	129		131	
Pipe Size	Liq. X Gas	Ft.	1/4 x 3/8		1/4 x 1/2	
Max. Height Difference		Ft.	40			50
Max. Pipe Length		Ft.	65			100
Outdoor Operating Range Maximun Minimum	Cooling		D.B. 46 °C   D.B. -10 °C			
	Heating		D.B. 24 °C   D.B. -25 °C			



\*Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions. All test conditions are based on AHRI 210/240.  
 Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency  
 †8°C is based on rated capacity and -8°C/-15°C is based on maximum capacity



THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT



Indoor Unit Model			SEZ-KD09NA4	SEZ-KD12NA4	SEZ-KD15NA4	SEZ-KD18NA4
Outdoor Unit Model			SUZ-KA09NAHZ	SUZ-KA12NAHZ	SUZ-KA15NAHZ	SUZ-KA18NAHZ
ENERGY STAR QUALIFIED			☆	☆	☆	☆
Capacity (Rated)	Cooling	Btu/h	9,000	12,000	15,000	18,000
Capacity (Min. ~ Max.)		Btu/h	4,500~9,000	5,210~12,000	9,000~15,000	9,200~18,000
Capacity (Rated)	Heating@ 8°C	Btu/h	12,500	15,000	18,000	21,600
Capacity (Min. ~ Max.)		Btu/h	8,100~13,300	7,700~18,000	8,600~22,400	8,800~28,000
Capacity (Rated)	Heating@ -8°C	Btu/h	8,700	9,000	12,200	14,200
Capacity (Max.)		Btu/h	12,500	15,000	18,000	21,600
Capacity (Max.)	Heating@ -15°C	Btu/h	12,500	15,000	18,000	21,600
Power Consumption	Cooling	W	690	920	1,200	1,370
Rated (Min. ~ Max.)	Heating@ 8°C	W	1,300 (570~1,300)	1,120 (540~1,570)	1,920 (550~2,820)	1,840 (530~3,230)
Rated (Max.)	Heating@ -8°C	W	1,120 (1,670)	1,030 (1,720)	1,660 (2,450)	1,650 (2,510)
EER	Cooling		13.0		12.5	13.1
SEER	Cooling		17.3	19.0	17.3	19.1
HSPF (IV)	Heating		9.8	10.2	9.5	10.9
COP (8°C/-8°C/-15°C)†			2.8/2.19/1.59	3.9/2.55/2.19	2.7/2.15/1.88	3.4/2.52/1.75
Capacity Control	Variable Compressor Speed (VCSi)					
Refrigerant	R410A					
Power Supply	Voltage, Phase, Cycle		208/230V, 1-Phase, 60Hz			
Moisture Removal	Pints/h		1.7	2.5	2.8	2.0
Airflow (Med-Hi-SHi)	Cooling/Heating	CFM Dry	194-247-317	247-317-388	353-441-529	423-529-635
Sound Indoor (Lo-Med-Hi)	Cooling	dB(A)	23-26-30	23-28-33	30-34-37	30-34-38
Sound Outdoor	Cooling	dB(A)	54		55	
Max. Fuse Size (Time Delay)	Indoor	A	15			
	Outdoor	A	24	31		
Min. Ampacity	Indoor	A	1,0			
	Outdoor	A	14	17		
Fan Speed Control	3 (Low, Med, Hi)					
Air Filters (Washable)	Polypropylene Honeycomb Fabric					
Dimension (H x W x D)	Indoor	in.	7-7/8 x 31-1/8 x 27-9/16	7-7/8 x 39 x 27-9/16		7-7/8 x 46-7/8 x 27-9/16
	Outdoor	in.	34-5/8 x 33-1/16 x 13			
Weight	Indoor	lbs.	42	50	54	62
	Outdoor	lbs.	129		131	
Pipe Size	Liq. X Gas	in.	1/4 x 3/8		1/4 x 1/2	
Max. Height Difference		Ft.	40			50
Max. Pipe Length		Ft.	65			100
Outdoor Operating Range Maximum Minimum	Cooling		D.B. 46 °C   D.B. -10 °C			
	Heating		D.B. 24 °C   D.B. -25 °C			



\*Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions. All test conditions are based on AHRI 210/240.  
 Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
 Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
 Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency  
 †8°C is based on rated capacity and -8°C/-15°C is based on maximum capacity



☆ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT



Indoor Unit Model			MFZ-KJ09NA	MFZ-KJ12NA	MFZ-KJ15NA	MFZ-KJ18NA
Outdoor Unit Model			MUFZ-KJ09NAHZ	MUFZ-KJ12NAHZ	MUFZ-KJ15NAHZ	MUFZ-KJ18NAHZ
ENERGY STAR QUALIFIED			☆	☆	☆	☆
Capacity (Rated)	Cooling	Btu/h	9,000	12,000	15,000	17,000
Capacity (Min. ~ Max.)		Btu/h	2,300~14,000	2,300~15,000	5,300~19,000	5,300~22,500
Capacity (Rated)	Heating@ 8°C	Btu/h	11,000	13,000	18,000	21,000
Capacity (Min. ~ Max.)		Btu/h	2,900~19,000	2,900~22,800	5,700~25,000	5,700~29,000
Capacity (Rated)	Heating@ -8°C	Btu/h	7,500	8,800	12,000	12,800
Capacity (Max.)		Btu/h	13,400	14,800	20,500	23,000
Power Consumption	Cooling	W	570 (180~1,250)	890 (180~1,380)	1,120 (420~1,850)	1,350 (420~2,320)
Rated (Min. ~ Max.)	Heating@ 8°C	W	750 (270~2,370)	900 (270~2,390)	1,410 (480~3,410)	1,730 (480~3,430)
Rated (Max.)	Heating@ -8°C	W	810 (1,860)	930 (1,890)	1,300 (3,190)	1,430 (3,210)
EER	Cooling		15.8	13.6	13.5	12.6
SEER	Cooling		28.2	25.5	21.8	21
HSPF (IV)	Heating		13	12	11.6	11.3
COP (8°C/-8°C/-15°C)	Heating		4.30/2.82/3.68	4.23/2.68/3.23	3.74/3.34/3.12	3.56/3.50/2.97
Capacity Control	Variable Compressor Speed (VCSi)					
Refrigerant	R-410A					
Power Supply	Voltage, Phase, Cycle		208/230V, 1-Phase, 60Hz			
Airflow (Quiet-Lo-Med-Hi-SuperHi)	Cooling	CFM Dry	138-198-272-360-417		198-254-311-392-431	198-254-328-420-491
Sound Indoor (Quiet-Lo-Med-Hi-SuperHi)	Cooling	dB(A)	21-27-34-41-46		28-33-38-43-47	28-33-39-45-50
Sound Outdoor	Cooling/Heating	dB(A)	48/50		51/55	
Max. Fuse Size (Time Delay)	Indoor	A	15		20	
	Outdoor	A	15		20	
Min. Ampacity	Indoor	A	1		1	
	Outdoor	A	11		16	
Fan Speed Control	5 (Quiet, Low, Med, Hi, SuperHi)					
Horizontal Airflow Direction	Manual					
Vertical Airflow Direction	Auto, Manual, Swing, 1-Flow, 2-Flow					
Air Filters (Washable)	Nano Platinum Air Filter, Anti Allergy Enzyme Filter (optional)					
Dimension (H x W x D)	Indoor	in.	23-5/8 x 29-17/32 x 8-15/32			
	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4		34-5/8 x 33-1/16 x 13	
Weight	Indoor	lbs.	33		33	
	Outdoor	lbs.	83		124	
Pipe Size	Liq. X Gas	in.	1/4 x 3/8		1/4 x 1/2	
Max. Height Difference		Ft.	40		50	
Max. Pipe Length		Ft.	65		100	
Outdoor Operating Range	Cooling		-10°C - 46°C DB		-10°C - 46°C DB	
	Heating		-25°C - 24°C DB (-25.5°C - 18°C WB)		-25°C - 24°C DB (-25.5°C - 18°C WB)	



\*Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions. All test conditions are based on AHRI 210/240.  
 Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
 Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
 Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency



THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

Indoor Unit Model			MSZ-FH06NA	MSZ-FH09NA	MSZ-FH12NA	MSZ-FH15NA	MSZ-FH18NA
Outdoor Unit Model			MUZ-FH06NAH	MUZ-FH09NAH	MUZ-FH12NAH	MUZ-FH15NAH	MUZ-FH18NAH2
ENERGY STAR QUALIFIED			☆	☆	☆	☆	☆
Capacity (Rated)	Cooling	Btu/h	6,000	9,000	12,000	15,000	17,200
Capacity (Min. ~ Max.)		Btu/h	1,700~9,000	1,700~19,000	2,500~13,600	6,450~19,000	6,450~21,000
Capacity (Rated)	Heating@ 8°C	Btu/h	8,700	10,900	13,600	18,000	20,300
Capacity (Min. ~ Max.)		Btu/h	1,600~14,000	1,600~18,000	3,700~21,000	5,150~24,000	5,150~30,000
Capacity (Rated)	Heating@ -8°C	Btu/h	5,900	6,700	8,000	11,000	13,700
Capacity (Max.)		Btu/h	10,700	12,200	13,600	18,000	20,300
Capacity (Max.)	Heating@ -15°C	Btu/h	8,900	11,000	14,000	18,300	20,900
Power Consumption	Cooling	W	315 (100~560)	560 (100~1,000)	870 (170~1,150)	1,200 (410~2,200)	1,375 (410~2,220)
Rated (Min. ~ Max.)	Heating@ 8°C	W	545 (110~1,270)	710 (110~1,470)	950 (280~2,300)	1,300 (430~3,360)	1,720 (430~3,390)
Rated (Max.)	Heating@ -8°C	W	500 (1,000)	600 (1,440)	720 (1,900)	1,020 (2,480)	1,320 (2,800)
EER	Cooling		19.1	16.1	13.8	12.5	12.5
SEER	Cooling		33.1	30.5	26.1	22	21
HSPF (IV)	Heating		12.5	12.5	11.5	11	11
COP (8°C/-8°C/-15°C)	Heating		4.68/3.14/2.46	4.50/2.48/2.16	4.19/3.40/2.83	4.06/3.18/2.91	3.46/2.77/2.57
Capacity Control	Variable Compressor Speed (VCSi)						
Refrigerant	R-410A						
Power Supply	Voltage, Phase, Cycle		208/230V, 1-Phase, 60Hz				
Moisture Removal	Pints/h		0.2	0.6	1.9	4	4.8
Airflow (Quiet-Lo-Med-Hi-SuperHi)	Cooling	CFM Dry	137-167-221-304-381		137-167-221-304-398	225-262-304-355-411	225-262-304-355-459
Sound Indoor (Quiet-Lo-Med-Hi-SuperHi)	Cooling	dB(A)	20-23-29-36-40		21-24-29-36-41	27-31-35-39-44	27-31-35-39-47
Sound Outdoor	Cooling/Heating	dB(A)	47/48	48/49	49/51	51/55	52/55
Max. Fuse Size (Time Delay)	Indoor	A	15				
	Outdoor	A	15			20	
Min. Ampacity	Indoor	A	1				
	Outdoor	A	11			16	
Fan Speed Control	5 (Quiet, Low, Med, Hi, SuperHi)						
Horizontal Airflow Direction	Swing						
Vertical Airflow Direction	Left Vane & Right Vane (Auto, Manual, Swing)						
Air Filters (Washable)	3 (Nano Platinum air filter, Anti-allergy enzyme filter, Deodorizing filter)						
Dimension (H x W x D)	Indoor	in.	12-11/16 x 36-7/16 x 9-3/16				
	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4			34-5/8 x 33-1/16 x 13	
Weight	Indoor	lbs.	29				
	Outdoor	lbs.	81	83		124	
Pipe Size	Liq. X Gas	in.	1/4 x 3/8			1/4 x 1/2	
Max. Height Difference		Ft.	40			50	
Max. Pipe Length		Ft.	65			100	
Outdoor Operating Range	Cooling		- 10°C - 46°C DB				
	Heating		- 25°C - 24°C DB (-25.5°C - 18°C WB)				



\*Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions. All test conditions are based on AHRI 210/240.  
 Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
 Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
 Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency.



# ZUBA SINGLE PLUS



Thanks to our exclusive **Cold Climate Hyper-Heat Plus™** technology, we've ushered in a new era of power and efficiency through our Zuba Single Plus, making it our **most advanced system** in the Zuba line. With **100% heating performance in temperatures as low as -20°C**, you can elevate your comfort and conquer harsh Canadian temperatures. Suitable for any type of home, Zuba Single Plus is ideal for individual rooms that run too hot or too cold.

*Depending on your geographical location and use, an auxiliary heat source may be required.*

## Key features

- 100% efficient heating power all the way down to -20°C
- Patented H2i Plus™ technology
- Exceptional heating performance in -25°C\* and beyond
- Exclusive 12-year† extended warranty on parts and compressor
- Patented Dual Barrier Coating
- Advanced Multi-Stage Filtration
- Includes a base pan heater

Up to 33.1 SEER

Up to 19.0 EER

Up to 12.5 HSPF

Up to 4.25 COP



\*Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions.

†When installed and registered by a MEQ certified HVAC (Heating, Ventilation, and Air Conditioning) Installer. Certain conditions, restrictions and/or limitations apply. See warranty terms and conditions for complete details. Only valid with the purchase of a FS system, comprising approved FS indoor and FS outdoor units.



Indoor Unit Model			MSZ-FS06NA	MSZ-FS09NA	MSZ-FS12NA	MSZ-FS15NA	MSZ-FS18NA
Outdoor Unit Model			MUZ-FS06NAH	MUZ-FS09NAH	MUZ-FS12NAH	MUZ-FS15NAH	MUZ-FS18NAH
ENERGY STAR QUALIFIED			☆	☆	☆	☆	☆
Capacity (Rated)	Cooling	Btu/h	6,000	9,000	12,000	14,000	17,200
Capacity (Min. ~ Max.)		Btu/h	1,700~9,000	1,700~12,000	2,500~13,600	6,450~19,000	6,450~21,000
Capacity (Rated)	Heating@ 8°C	Btu/h	8,700	9,600	12,300	16,000	19,000
Capacity (Min. ~ Max.)		Btu/h	1,600~14,000	1,600~18,000	3,700~21,000	5,150~24,000	5,150~30,000
Capacity (Rated)	Heating@ -8°C	Btu/h	5,400	5,900	7,560	9,840	11,690
Capacity (Max.)		Btu/h	12,700	14,000	17,300	22,700	27,000
Capacity (Max.)	Heating@ -15°C	Btu/h	10,500	11,590	14,690	19,360	23,000
Power Consumption	Cooling	W	315 (100~560)	560 (100~1,000)	870 (170~1,150)	1,000 (410~2,000)	1,375 (410~2,220)
Rated (Min. ~ Max.)	Heating@ 8°C	W	545 (110~1,270)	620 (110~1,740)	850 (280~1,980)	1,155 (430~3,190)	1,610 (430~3,990)
Rated (Max)	Heating@ -8°C	W	390 (1,000)	450 (1,710)	610 (1,990)	830 (2,480)	1,160 (3,820)
EER	Cooling		19	16.1	13.8	14	12.5
SEER	Cooling		33.1	30.5	26.1	22.2	21
HSPF (IV)	Heating		12.5		12		
COP (8°C, -8°C, -15°C)			4.68/2.46/2.23	4.54/2.43/2.21	4.24/2.56/2.25	4.06/2.08/2.08	3.46/2.07/2.07
Capacity Control	Variable Compressor Speed (VCSi)						
Refrigerant	R-410A						
Power Supply	Voltage, Phase, Cycle 208/230V, 1-Phase, 60Hz						
Moisture Removal / External Static Pressure	Pints/h		0.2	0.6	1.9	4	5.1
Airflow (Quiet, Lo, Med, Hi, Shi)	Cooling	CFM Dry	137-167-221-304-381		137-167-221-304-424	225-262-304-355-437	
Sound Indoor (Quiet, Lo, Med, Hi, Shi)	Cooling	dB(A)	20-23-29-36-40		21-24-29-36-44	27-31-35-39-44	
Sound Outdoor	Cooling/Heating	dB(A)	47 /49	48 /49	49 /51	51 /55	52 /55
Max. Fuse Size (Time Delay)	Indoor	A	15				
	Outdoor	A	15			20	
Min. Ampacity	Indoor	A	1				
	Outdoor	A	10			18	
Fan Speed Control	5 (Quiet, Low, Med, High, Super High)						
Horizontal Airflow Direction	Manual, Swing						
Vertical Airflow Direction	Left Vane - Right Vane (Auto, Manual, Swing)						
Air Filters (Washable)	Nano Platinum Filter & Electrostatic Anti-Allergy Enzyme Filter & Deodorizing Filter						
Dimension (H x W x D)	Indoor	in.	12-11/16 x 36-7/16 x 9-3/16				
	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4			34-5/8 x 33-1/16 x 13	
Weight	Indoor	lbs.	29				
	Outdoor	lbs.	83	84	118		
Pipe Size	Liq. X Gas	in.	1/4 x 3/8			1/4 x 1/2	
Max. Height Difference		Ft.	40			50	
Max. Pipe Length		Ft.	65			100	
Outdoor Operating Range	Cooling		-10°C - 46°C DB				
	Heating		-25°C- 24°C DB (-25.5°C - 18°C WB)				



\*Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions. All test conditions are based on AHRI 210/240.  
 Rating conditions: Cooling – Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency  
 Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency  
 Heating – Indoor: 21°C DB, 15.5°C WB; Outdoor: -8°C DB, -9°C WB; Rated frequency



# ZUBA MULTI



Zuba Multi is ideal for homes without existing central ductwork. By **connecting up to 8 individual indoor air handling units** to a single outdoor condensing unit, Zuba Multi provides **individual temperature settings to multiple zones** throughout your home like the bedroom, basement, living room and more. Zuba Multi can be used as a whole home solution or for heating and cooling a few zones in your home.

*Depending on your geographical location and use, an auxiliary heat source may be required.*

## Key features

- Patented H2i Plus™ technology
- Exceptional heating performance in  $-30^{\circ}\text{C}^*$  and beyond
- 100% efficient heating power all the way down to  $-15^{\circ}\text{C}$
- 10-year† warranty on parts and compressor
- Patented Dual Barrier Coating
- Advanced Multi-Stage Filtration
- Includes a base pan heater

Up to 20.0 SEER

Up to 14.0 EER

Up to 11.5 HSPF

Up to 4.25 COP

**10 YEAR**<sup>†</sup>  
PARTS & COMPRESSOR  
WARRANTY



\*All versions of models MXZ-4C36NAHZ, MXZ-5C42NAHZ, MXZ-8C48NAHZ. Includes tolerance. Units can operate down to  $-30^{\circ}\text{C}$  and beyond, depending on conditions.  
†When installed and registered by a MEQ certified HVAC (Heating, Ventilation, and Air Conditioning) Installer. Certain conditions, restrictions and/or limitations apply. See warranty terms and conditions for complete details.

Model				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 / 22,000	25,000 / 24,600	28,600 / 27,600
	Heating at -15°C Non-ducted	Maximum Capacity	Btu/h	24,600	30,000	34,800
	<b>EER</b>		(Non-Ducted/Ducted/Mixed)	13.5/11.0/12.25	13.5/10.0/11.75	12.5/10.3/11.4
	<b>SEER</b>		(Non-Ducted/Ducted/Mixed)	17.0/15.0/16	19.0/15.5/17.25	18.0/16.0/17
<b>HSPF (IV)</b>		(Non-Ducted/Ducted/Mixed)	9.8/9.5/9.65	10.0/9.0/9.5	11.0/9.8/10.4	
<b>COP at 8°C</b>		(Non-Ducted/Ducted/Mixed)	4/3.69/-	4.25/3.80/-	4/3.7/-	
Sound Pressure Level	Cooling			54		
	Heating			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				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	-
		Maximum Capacity	Btu/h	45,000 / 45,000	48,000 / 48,000	54,000 / 54,000
	Heating at -15°C Non-ducted	Maximum Capacity	Btu/h	45,000	48,000	54,000
	<b>EER</b>		(Non-Ducted/Ducted/Mixed)	14/12.5/13.2	13.4/10.8/12.1	12.2/10/11.1
	<b>SEER</b>		(Non-Ducted/Ducted/Mixed)	20/17.5/18.75	20/17/18.5	20/16/18
<b>HSPF (IV)</b>		(Non-Ducted/Ducted/Mixed)	11.3/11/11.15	11/10.6/10.8	11.5/10.1/10.8	
<b>COP at 8°C</b>		(Non-Ducted/Ducted/Mixed)	3.95/3.70/3.80	4.10/3.40/3.75	3.75/3.30/3.50	
Sound Pressure Level	Cooling		49	50	51	
	Heating		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 AHRI 210/240. Rating conditions:  
Cooling - Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency Heating - Indoor: 21°C DB, 15.5°C WB; Outdoor: 8°C DB, 6°C WB; Rated frequency

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				208/230V, 1-Phase, 60Hz			
Power Input				W			
Current				A			
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	
Refrigerant Pipe Dimensions	Outdoor Unit to Branch Box	Gas (in.)	5/8		3/8		
		Liquid (in.)	A,B,C: 3/8		A,B,C,D: 3/8; E: 1/2		
	Branch Box to Indoor Units	Gas (in.)	A,B,C: 1/4		A,B,C,D,E: 1/4		
		Liquid (in.)	A,B,C: 1/4		A,B,C,D,E: 1/4		



PAC-MKA32BC



PAC-MKA52BC

# Connectable Indoor Units

## Wall-Mounted Style

**NEW**

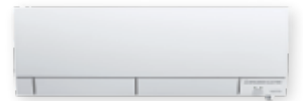
Deluxe Model		MSZ-FS06NA	MSZ-FS09NA	MSZ-FS12NA	MSZ-FS15NA	MSZ-FS18NA
Cooling Capacity	Btu/h	6,000	9,000	12,000	14,000	17,200
Heating Capacity	Btu/h	8,700	10,900	13,600	18,000	20,300
Airflow (Q, L, M, H, SH)	CFM Dry	137-167-221-304-381		137-167-221-304-398	225-262-304-355-411	225-262-304-355-459
Sound 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				



Enhanced design flexibility to blend into small spaces.

- 3D i-See Sensor senses human heat signatures
- Multi-function wireless controller
- Horizontal & vertical vane control
- Energy star® certified

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		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		MLZ-KP09NA	MLZ-KP12NA	MLZ-KP18NA
Cooling Capacity	Btu/h	9,000	12,000	16,700
Heating Capacity	Btu/h	12,000	15,000	18,600
Airflow (Q, L, M, H, SH)	CFM Dry	212-254-283-311	212-258-297-332	212-293-346-403
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

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 attic for comfort with an efficient use of space.

- Built-in condensate lift mechanism (up to 22")
- Extreme Quiet Operation Δ 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	30,000
Heating Capacity	Btu/h	12,000	15,000	18,000	21,000	25,000	32,000
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		9-7/8
	W in.	35-7/16				43-5/16	
	D in.	28-7/8			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	37,000
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")
- Operating sound as low as 24 dB(A)
- Automatic and multiple fan speed control

## 4-Way Cassette Style

Compact Model ( 2' x 2' )		SLZ-KF09NA	SLZ-KF12NA	SLZ-KF15NA
Cooling Capacity	Btu/h	9,000	12,000	13,700
Heating Capacity	Btu/h	11,000	13,800	16,400
Airflow (L, M, H)	CFM Dry	230-265-300	230-280-335	245-315-405
Sound Indoor (L, M, H)	Cooling dB(A)	25-28-31	25-30-34	27-34-39
Dimension	H in.	9-21/32		
	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
- Built-in condensate lift mechanism (up to 20")
- Easy-clean, washable filter
- Offers multiple airflow options
- 3D i-See Sensor for precise temperature control

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		33-1/16
	D in.	33-1/16		14-3/16		14-3/16

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

## Floor-Mounted Style

Model			MFZ-KJO9NA	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 AWG with ground wire 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.
- If system includes SVZ no P-Series (PEAD etc.) indoor units maybe 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.

#### MXZ-4C36NAHZ2, 5C42NAHZ2, 8C48NAHZ2

- Minimum 2 indoor units utilizing minimum 12k Btu or more must be connected, branch box(es) 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 AWG with ground wire 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 SVZ 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

### SPTB1 – Separate Power Supply Terminal Block

- Optional kit for providing separate power supply to individual indoor vertical air handler. 1 Kit required per indoor unit.
- MXZ systems using branch boxes may connect any number of multipositionair handlers (following other rules stated above) with SPTB1 on each indoor unit.
- S2 and S3 communication wiring must still be connected to outdoor unit. Refer to install manual for SPTB1 for further information.

Indoor Model		MXZ-2C20NAHZ2	MXZ-3C24NAHZ2	MXZ-3C30NAHZ2	MXZ-4C36NAHZ2	MXZ-5C42NAHZ2	MXZ-8C48NAHZ2	
M-Series	Wall Mounted	MSZ-FS06NA	•	•	•	•	•	•
		MSZ-FS09NA	•	•	•	•	•	•
		MSZ-FS12NA	•	•	•	•	•	•
		MSZ-FS15NA	•	•	•	•	•	•
		MSZ-FS18NA		•	•	•	•	•
		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				•	•	•

# Controllers

Mitsubishi Electric offers a wide variety of options when it comes to controlling your comfort. Whatever your need, we have the solution to effortlessly adjust your Zoned Comfort Solutions.



## Enhanced Wireless Remote Controller

- MODE: AUTO, COOL, DRY, HEAT and FAN
- FAN: Adjusts fan speed
- STOP/START: 24-hour ON/OFF timer
- VANE: Sets horizontal vane position
- TIME: Power off timer and clock adjustment
- SCHEDULING: 7 days, 4 events per day
- Included with the FS, FH, KJ and MLZ systems



## Standard Wireless Remote Controller

- MODE: AUTO, COOL, DRY and HEAT
- FAN: Low, Med & High speeds
- STOP/START: 24-hour ON/OFF timer
- VANE: Sets horizontal vane position
- SETTING: Current time
- TEMP: Units (F° or C°)
- WIDE BUTTON: Selects air direction
- TIME: Power off timer and clock adjustment
- Included with the GL system

## Optional Controllers

### Additional Wireless Controller Features Available on Certain Models

- “Powerful Mode” function permits the system to temporarily run at a lower/ higher temperature with an increased fan speed, which quickly brings the room to the optimum comfort level (on select models)
- Wide Vane setting provides a wider horizontal air distribution on select models with wider cabinets
- Features vary by indoor model
- For the PVA, SVZ, SEZ, SLZ, PLA and PEAD, controllers are additional at the time of purchase



### Touch Screen Remote Controller PARCT01MAU-SB

- User-friendly, customizable full color touch panel display
- Ability to add a custom logo on the display
  - Daily and weekly timers
  - Password protected
  - Requires MAC-334IF-E to use with M-Series products
  - The MELRemo app and Bluetooth® Low Energy (BLE) technology supports communication with smartphones or tablets in multiple languages.



### PAR-40MAA Back-Lit MA Remote Controller

- Room temperature: displays room temperature sensed either at the indoor unit (default) or at the remote controller
- Set temperature range limit: from Back-lit MA Controller, the set temperature range can be reduced for cool and heat modes
- Requires MAC-334IF-E to use with M-Series. (wall & floor mount units)
- Setting screen for i-see Sensor™ 3D, draft reduction mode



### PAC-YT53CRAU Simple MA Controller

- Simultaneously controlled group operation for up to 16 indoor units in a single group
- Set temperature range limit: simple MA-allowable set temperature range can be reduced for cool and heat modes
- Room temperature can be sensed either at the indoor unit (default) or at the Simple MA Controller
- Requires MAC-334IF-E to use with M-Series



### RMF-CA200 For Ductless Units

- Allows you to control your indoor unit with North American wired and wireless thermostats
- Connects to the indoor unit using CN105



### RMF-CA100 For Ducted Units

- Allows you to control your system with North American wired and wireless thermostats
- Connects to the indoor unit using CN105

# Optional Controllers



## MELCO-BEMS-MINI, MELCO-RETAIL-MINI

- Allows for a third-party Building Energy Management System (BEMS) to control a Mitsubishi Electric Heating & Cooling City Multi, M-Series or P-Series indoor unit
- Monitor and control one indoor unit with one BACnet & Modbus Interface
- Works with Mitsubishi Electric Heating & Cooling centralized and remote controllers
- Does not work with MHK1, Thermostat Interface or Wireless Interface
- Home/Commercial automation systems



## MAC-334IF-E System Control Interface

- Allows M-Series indoor units to communicate with the building management systems (BAS)
- Provides an input to allow remote On/Off control of indoor unit
- Allows MSZ/MFZ indoor units to connect to a MA controller



## MAC-497IF-E System Control Interface

- Allows M-Series ductless indoor units to connect to a wired MA controller



## MHK1 Wireless Remote Controller Kit

With the MHK1 Wireless Remote Controller Kit, comfort control has never been easier. It installs anywhere with a simple wall-mounted design, and its large, back-lit screen makes it very easy to read. Operation modes include cool, drying, auto, heat, and fan.

MHK1 Wireless Remote Controller Kit includes a Wireless Wall-mounted Remote Controller and a Wireless Receiver located with the indoor wall or ceiling-mounted unit. You may choose to enhance your control convenience and flexibility with an optional Portable Central Controller and/or Outside Air Sensor.



## Portable Central Controller

When paired with the MHK1 Wall-Mounted Controller, the Portable Central Controller (MCCHI) can monitor and control on/off mode and set your desired temperature. It also has scheduled override capability and displays outside air temperature and humidity when paired with the outside air sensor.



## Outside Air Sensor

The Outside Air Sensor (MOST) monitors outdoor air temperature and humidity and conveniently displays that information on the Portable Central Controller and the wall-mounted controller.



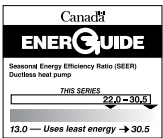




BY



Heating and Cooling



## *Changes for the Better*

MEM-202117V1-E ©2021 Mitsubishi Electric Sales Canada Inc. All rights reserved. Mitsubishi Electric reserves the right to modify the design of its products, their characteristics and the information contained in this literature. Specifications are subject to change without notice. The three-diamond logo, Mitsubishi Electric, Changes for the Better, Eco Changes, H2i and their respective logos are registered trademarks of the Mitsubishi Electric Corporation of Japan and are used with permission. Energy Star, the Energy Star Logo, AHRI Certified are trademarks of their respective owners.

ZubaColdClimate.ca