

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°C^* and beyond
- 100% heating power in -15°C
- 10-year[†] 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[†]
PARTS & COMPRESSOR
WARRANTY



All versions of models PUZ-HA74NHA, PUZ-HA30/36/42NKA, SUZ-KA 24/30/36NAHZ. Includes tolerance. Units can operate down to -30°C and beyond, depending on conditions.
[†]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			54-1/4 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			165 (50)	245 (75)			
Outdoor Operating Range Maximun Minimun	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 windscreens 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		



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 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 windscreens 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			

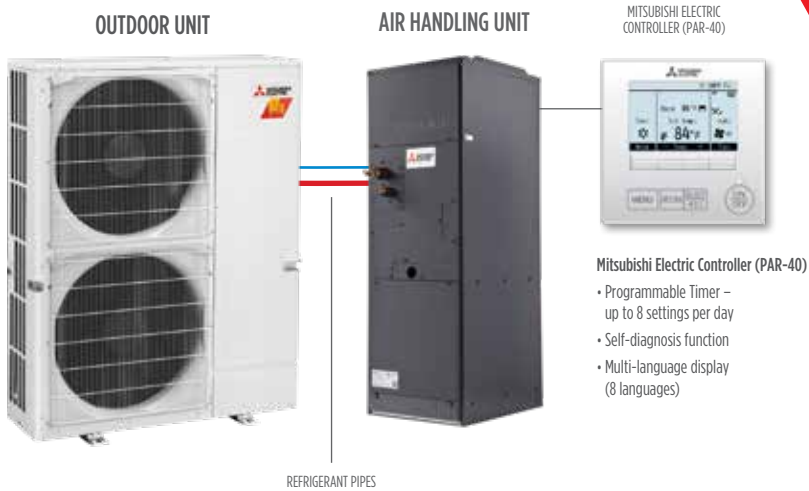


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 †Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions
 ††All test conditions are based on AHRI 210/240. Rating conditions:
 Cooling - Indoor: 27°C DB, 19°C WB; Outdoor: 35°C DB, 24°C WB; Rated frequency
 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 windscreens 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

