

# M-Series HEAT PUMPS



# Single-split systems Multi-Position AHU SVZ-Series

## Heat pump

- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Auto Change Over Between Heating & Cooling
- Super Quiet Technology
- **Low Ambient Heating -20°C/-4°F\*** (SUZ-KP12NA, SUZ-KP18NA)
- Refrigerant Pre-Charged
- Built-in Auxiliary Heater Control
- Centrally ducted, ESP 0.8 wc
- Built-in basepan heater in outdoor unit



Optional accessories available.  
Visit [www.mrslim.ca](http://www.mrslim.ca) for more information.

**UP TO 12.6 HSPF**

Model	Indoor Unit		SVZ-KP12NA ☆	SVZ-KP18NA ☆	SVZ-KP24NA ☆	SVZ-KP30NA ☆	SVZ-KP36NA	
	Outdoor Unit		SUZ-KA12NAH2	SUZ-KA18NAH2	SUZ-KA24NAH2	SUZ-KA30NAH2	SUZ-KA36NAH2	
Capacity (Rated)	Cooling	Btu/h	12,000	18,000	24,000	27,000	33,000	
Capacity (Min. ~ Max.)		Btu/h	4,300 ~ 12,000	6,200 ~ 18,000	12,400 ~ 24,000	13,500 ~ 27,000	11,600 ~ 33,000	
Capacity (Rated)	Heating @ 8°C	Btu/h	15,000	21,600	25,000	30,000	33,500	
Capacity (Min. ~ Max.)		Btu/h	4,700 ~ 16,700	8,300 ~ 26,000	14,600 ~ 28,000	12,640 ~ 33,000	13,260 ~ 36,000	
Capacity (Max.)	Heating @ -8°C	Btu/h	9,900	14,000	14,600	21,400	23,200	
Power Consumption (Total Input)	Cooling	W	940	1,360	1,920	2,160	3,720	
	Heating @ 8°C	W	1,210	1,600	1,910	2,060	3,030	
	Heating @ -8°C	W	1,120(1,250)	1,460(1,580)	1,590(1,710)	1,950(2,070)	2,710(2,830)	
EER	Cooling		<b>12.7</b>	<b>13.2</b>	<b>12.5</b>	<b>12.5</b>	<b>8.8</b>	
SEER	Cooling				<b>18.0</b>		<b>16.0</b>	
HSPF (IV)	Heating		<b>12.1</b>	<b>12.6</b>	<b>10.4</b>	<b>13.6</b>	<b>11.7</b>	
Capacity Control	Variable Speed Compressor (VCSi)							
Refrigerant	R-410A							
Power Supply	V, Phase, Hz		208/230, 1, 60					
Moisture Removal	Pints/h		1.2	2.4	4.1	2.4	4.7	
Airflow (Low-Med-Hi)	Cooling	CFM Dry	278-381-448	471-573-675	515-625-735	613-744-875	767-910-910	
Sound Indoor (Low-Med-Hi)	Cooling	dB(A)	29-36-39	33-36-41		32-37-41	35-40-42	
Sound Outdoor	Cooling	dB(A)	49	54	55			
Max. Fuse Size (Time Delay)	Indoor	A	1.0					
	Outdoor	A	16	24		31		
Min. Ampacity	Indoor	A	3.0				4.13	
	Outdoor	A	9	14		17		
Fan Speed Control	3 (Hi, Med, Low)							
Up/Down Airflow Directions	Auto, Manual, Swing							
Air Filter (Washable)	Long-Life Filter (up to 2,500 hours)							
Dimension (H x W x D)	Indoor	in.	39-13/16 x 17 x 21-5/8			43-3/4 x 21 x 21-5/8		
	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.	93				119	
	Outdoor	lbs.	81	127	129			
Pipe Size	Liq. X Gas	in.	1/4 x 3/8	1/4 x 1/2	3/8 x 5/8			
Max. Height Difference		ft.	40	50	100			
Max. Pipe Length		ft.	65				100	
Outdoor Operating Range	Cooling		-20°C – 24°C DB (-21°C – 18°C WB)			-10°C – 46°C DB		
	Heating					-10°C – 24°C DB (-11°C – 18°C WB)		

☆ THIS SYMBOL DENOTES AN ENERGY STAR-CERTIFIED UNIT

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