

Single ductless split systems (FH)

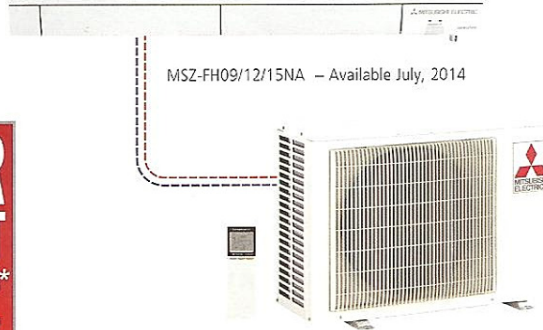
3D i-see Sensor

Heat pump

- 3D i-see Sensor
- Built-in Auxiliary Heater Control
- Variable Compressor Speed Inverter Technology
- Nano Platinum Air Filtration System
- Ozone-Friendly R-410A Refrigerant
- **Energy Efficient – Up to 30.5 SEER**
- Auto Change Over between Cooling & Heating
- Super Quiet Technology – Only 20dB(A)
- High-Speed Cooling and Heating
- Natural Airflow
- **Hyper Heating Down to -25°C/-13°F**
- Refrigerant Pre-Charged
- Easy Installation – No Ductwork Needed
- Optional Wired Remote Controller
- 5-Year Parts Warranty
- 7-Year Compressor Warranty

**HYPER
HEAT AT
-25°C***

UP TO 30.5 SEER



MSZ-FH09/12/15NA – Available July, 2014

VCSI
TECHNOLOGY



Optional accessories available.
Visit www.mrslim.ca for more information.

Model	Indoor Unit		MSZ-FH09NA ★	MSZ-FH12NA ★	MSZ-FH15NA ★
	Outdoor Unit		MUZ-FH09NAH	MUZ-FH12NAH	MUZ-FH15NAH
Capacity (Rated)	Cooling	Btu/h	9,000	12,000	15,000
Capacity (Min ~ Max)		Btu/h	1,700 ~ 12,000	2,500 ~ 13,600	6,450 ~ 19,000
Capacity (Rated)	Heating@47°F	Btu/h	10,900	13,600	18,000
Capacity (Min ~ Max)		Btu/h	1,600 ~ 18,000	3,700 ~ 21,000	5,150 ~ 24,000
Capacity (Rated)	Heating@17°F	Btu/h	6,700	8,000	11,000
Capacity (Max)		Btu/h	12,200	13,600	18,000
Capacity (Max.)	Heating@5°F	Btu/h	10,900	13,600	18,000
Power Consumption	Cooling	W	560 (100 ~ 1,000)	870 (170 ~ 1,150)	1,200 (410 ~ 2,200)
Rated (Min ~ Max)	Heating@47°F	W	710 (110 ~ 1,470)	950 (280 ~ 2,300)	1,300 (430 ~ 3,360)
Rated (Max)	Heating@17°F	W	600 (1,440)	720 (1,900)	1,020 (2,480)
EER	Cooling		16.1	13.8	12.5
SEER	Cooling		30.5	26.1	22.0
HSPF (IV)	Heating		12.5	11.5	11.0
Capacity Control	Variable Speed Compressor				
Refrigerant	R-410A				
Power Supply	V, Phase, Hz		208/230, 1, 60		
Moisture Removal	Pints/h		0.6	1.9	4.0
Airflow (Quiet-Lo-Med-Hi-SuperHi)	CFM Dry		137-167-221-304-381	137-167-221-304-398	225-262-304-355-411
Sound Indoor (Quiet-Lo-Med-Hi-SuperHi)	Cooling	dB(A)	20-23-29-36-40	21-24-29-36-42	27-31-35-39-44
Sound Outdoor	Cooling	dB(A)	48	49	51
Max. Fuse Size	Indoor	A	15	15	20
(Time Delay)	Outdoor	A	15	15	20
Min. Ampacity	Indoor	A	1.0	1.0	1.0
	Outdoor	A	11	11	16
Fan Speed Control	7 (Auto, Powerful, SuperHi, Hi, Med, Low, Quiet)				
Horizontal Airflow Direction	Manual, 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	Indoor	in.	12-11/16 x 36-7/16 x 9-3/16		
(H x W x D)	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4		
Weight	Indoor	lbs.	29	29	34-5/8 x 33-1/16 x 13
	Outdoor	lbs.	81	83	29
Pipe Size	Liq. X Gas	in.	1/4 x 3/8		
Max. Height Difference		Ft.	40		
Max. Pipe Length		Ft.	65		
Outdoor Operating Range	Cooling		14 – 115°FDB		
	Heating		-13 – 75°FDB (-15 – 65°FWB)		
Control Features	3D i-see Sensor • Econo Cool • Powerful Mode • Smart Set • Natural Flow • Direct/Indirect Airflow Absence Detection • Wide Airflow				

*Includes tolerance. Typical units can operate in heating mode down to -27°C depending on conditions. All test conditions are based on ARI 210/240.

Rating conditions: Cooling – Indoor: 80°FDB, 67°FWB; Outdoor: 95°FDB, 75°FWB; Rated frequency Heating – Indoor: 70°FDB, 60°FWB; Outdoor: 47°FDB, 43°FWB; Rated frequency