

INVERTER



Mr. Slim® MSY(Z)-D30/36NA

Larger Capacities, Familiar Capabilities



30,000 to
36,000 Btu/h



General Features:

- Sleek indoor unit design
- Catechin and Anti-allergen enzyme filters for high air-purification capabilities
- Remote-controlled wide airflow enables ideal horizontal air distribution
- “Powerful Mode” function permits system to temporarily run at a lower/higher temperature with an increased fan speed, which quickly brings the room to the optimum comfort level
- Self-check function with onboard diagnostics
- Advanced microprocessor control
- Auto restart following a power outage
- Wireless remote controller

Introducing the all-new Mr. Slim M-Series MSY(Z)-D30NA and MSY(Z)-D36NA available in cooling only (MSY) and heat pump (MSZ) systems which add larger capacities to an established product line.

The MSY(Z)-D30/36NA models feature all of the same core capabilities as the MSY(Z)-A24NA models with the added capacity of 2.5/3.0 tons respectively. With the additional capacity, a sleek and compact design to the indoor unit that blends into most room environments and provides the widest airflow available in the product line the MSY(Z)-D

models provide new opportunities for installation applications.

The Mr. Slim M-Series indoor units use a sophisticated multi-part filter system to remove contaminants from the air as it circulates.

The hybrid catechin filter absorbs odor-causing gases. An

anti-allergen filter reduces germs, bacteria and viruses and traps dust, pollens, mites, and other particles; it uses an enzyme catalyst to help break down the sulfur atom bonds in allergen proteins, transforming them into non-allergen proteins.

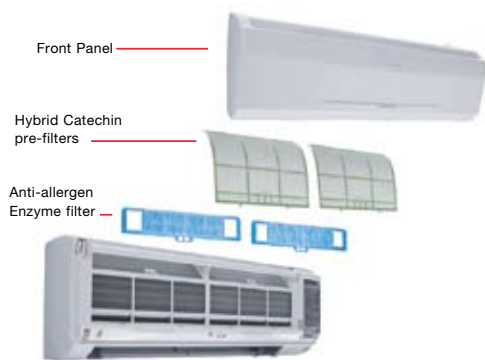
A hybrid-coating process makes the hybrid catechin filter washable and, if properly maintained with monthly cleanings, effective for more than 10 years.

The M-Series offers a comprehensive remote controller that controls temperature, fan speed and more. Choose from four modes: COOL, HEAT (MSZ only), AUTO (MSZ only), and DRY. The wireless controller also features a 12-hour ON/OFF timer for one-button comfort convenience.

The Mitsubishi Electric hot-start technology provides warmth from the beginning. The fan increases in speed as the coil is warmed, which reduces drafts, so when you want warm air, you'll get it.

With these, and many other innovative features, the larger capacity MSY(Z)-D models provide new installation application opportunities for you.

Larger Capacities, Familiar Capabilities





Mr. Slim MSY(Z)-D30/36NA Product Specifications

Model Name	Indoor Unit		MSY-D30NA	MSY-D36NA	MSZ-D30NA	MSZ-D36NA
	Outdoor Unit		MUY-D30NA	MUY-D36NA	MUZ-D30NA	MUZ-D36NA
Cooling *1	Rated Capacity	Btu/h	30,700	34,600	30,700	33,200
	Capacity Range	Btu/h	9,800-30,700	9,800-34,600	9,800-30,700	9,800-33,200
	Total Input	W	3,380 (620-3,380)	4,240 (620-4,240)	3,850 (620-3,850)	4,360 (620-4,360)
	Energy Efficiency	SEER	16	15.1	14.5	
	Moisture Removal	Pints/h	9.9	11.9	9.9	11.3
	Sensible Heat Factor		0.64	0.62	0.64	0.62
Heating at 47° F *2	Rated Capacity	Btu/h	-	-	32,600	35,200
	Capacity Range	Btu/h	-	-	8,700-34,000	8,700-36,000
	Total Input	W	-	-	3,360 (520-3,600)	3,840 (520-4,100)
	HSPF (Region IV)	Btu/h/W	-	-	8.2	
Heating at 17° F *3	Capacity	Btu/h	-	-	20,800	22,800
	Total Input	W	-	-	2,620	3,000
Power Supply	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V *4			
	Breaker Size	A	25			
Voltage	Indoor - Outdoor S1-S2		AC 208/230V			
	Indoor - Outdoor S2-S3		DC12-24			
	Indoor - Remote Controller		Wireless Type			
Indoor Unit	MCA	A	1.0			
	Fan Motor	F.L.A.	0.76			
	Airflow (Cool) (Lo-Med-Hi) *1	DRY (CFM)	389-639-848			
		WET (CFM)	350-576-763			
	Airflow (Heat) (Lo-Med-Hi) *2	DRY (CFM)	-	445-639-848		
	Sound Pressure Level (Cool) (Lo-Med-Hi) *1	dB(A)	32-42-49			
	Sound Pressure Level (Heat) (Lo-Med-Hi) *2		-	34-42-49		
	External Finish Color		Munsell No. 1.0Y 9.2/0.2			
	Dimension Unit	W: In.	46-1/16			
		D: In.	11-5/8			
H: In.		14-3/8				
Weight Unit	Lbs.	40				
Field Drain Pipe Size O.D.	In.	5/8				
Outdoor Unit	MCA	A	21			
	MOCP	A	25			
	Fan Motor	F.L.A.	0.93			
	Compressor	Model (Type)	DC Inverter-driven Twin Rotary			
		R.L.A.	16			
		L.R.A.	20			
	Airflow	CFM	1,941			
	Refrigerant Control		Linear Expansion Valve			
	Defrost Method		-	Reverse Cycle		
	Sound Pressure Level	dB(A) *1	55	56		
	External Finish Color		Munsell No. 3Y 7.8/1.1			
	Dimensions	W: In.	33-1/16			
		D: In.	13			
		H: In.	33-7/16			
Weight	Lbs.	126	141			
Remote Controller	Type		Wireless Remote			
Refrigerant	Type		R410A			
	Charge	Lbs., Oz.	4	4, 10		
	Oil	Type (Fl. Oz.)	NE022 (29)			
Refrigerant Pipe	Gas Side O.D.	In.	5/8			
	Liquid Side O.D.		3/8			
Refrigerant Pipe Length	Height Difference (Max.)	Ft.	50			
	Length (Max.)		100			
Connection Method	Indoor/Outdoor		Flared/Flared			

NOTES: Test conditions are based on ARI 210/240.

*1 Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2 Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6.1° C).

*3 Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4 Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY | Six-year warranty on compressor. One-year warranty on parts.

