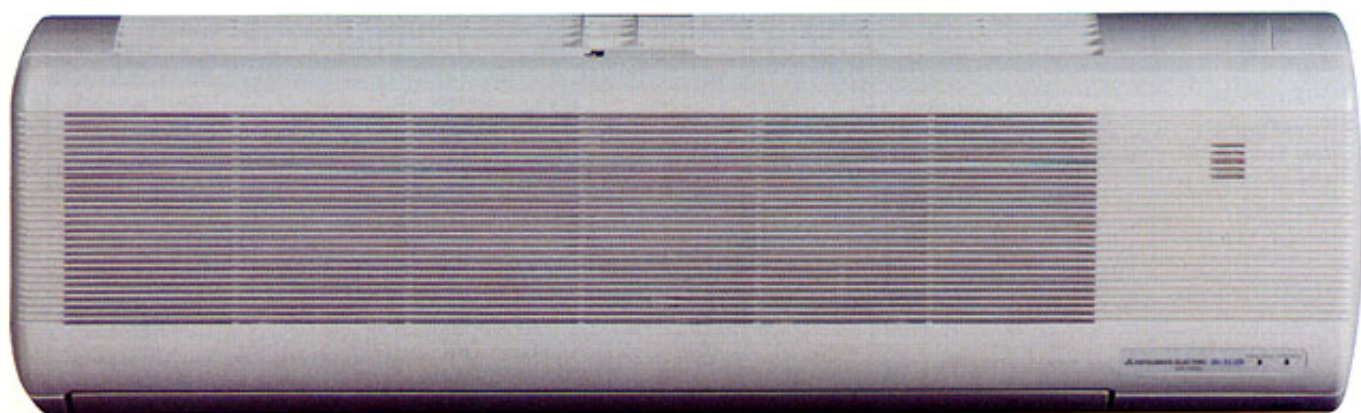


Mr. SLIM™

MS-N Wall-Mounted Series



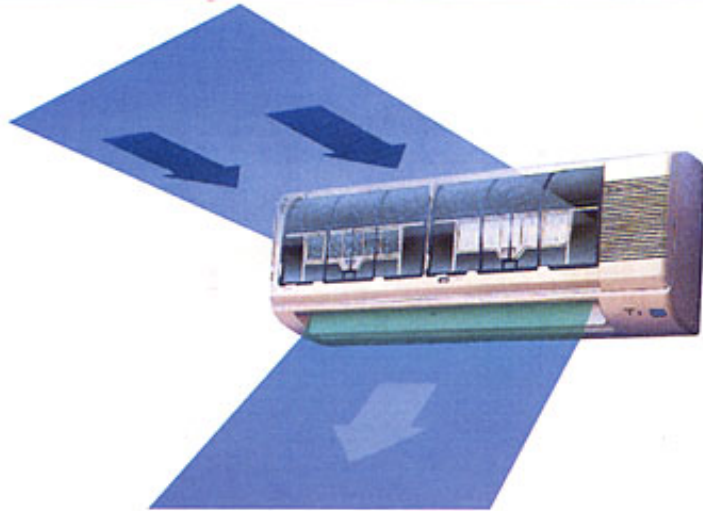
- **Odour and fine particle control.**
 - **Unique "I Feel" mode for supreme comfort.**
 - **Superior air diffusion control at your fingertip.**
 - **Advanced microprocessor control.**
 - **More compact.**
- Enhanced noise suppression.
 - Computerized true dehumidification (Dry Cycle).
 - Computer controlled defrost cycle.
 - Computerized self-diagnostics.
 - Dedicated fan cycle.
 - Automatic restart.
 - Automatic fan speed control.
 - Simplified installation.
 - All units pretested at factory.



Wireless LCD control

- Mr. Slims unique "I Feel" temperature control, or standard Cool/Dry/Heat modes.
- Efficient automatic fan speed control or standard Hi/Med/Low settings.
- Single event stop/start timer.
- Fingertip control of swing vane position.
- Time display.
- Ideal for movement impaired individuals.
- Control can be individually dedicated with six individual addresses.

DUCTLESS-SPLIT AIR CONDITIONERS

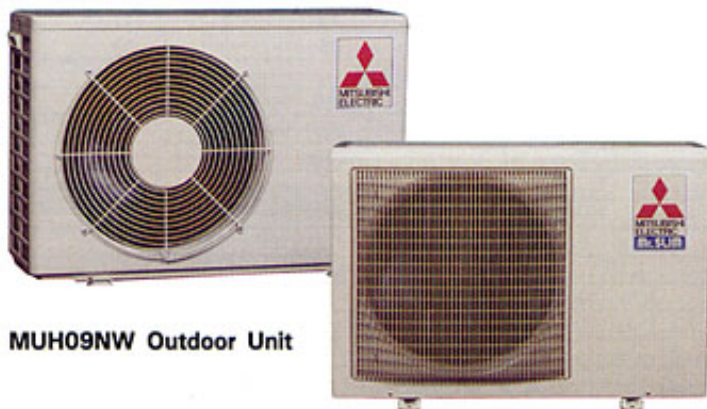
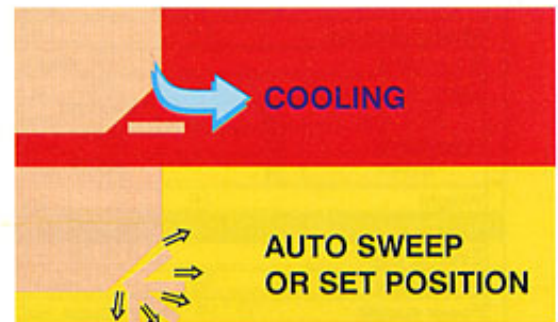


Gentle Air Diffusion

- Whisper quiet operation.
- Swing vane mode ensures gentle air circulation without a draught.
- Remote setting for five different vane positions allows you to match the individual room requirement.

0.01 μ Air Filtering

- Advanced odour and particle removal.
- Inexpensive disposable inserts.
- Activated charcoal to eliminate odours.
- Extra-fine particulate interception/diffusion filtration.



MUH09NW Outdoor Unit

MUH17NN Outdoor Unit

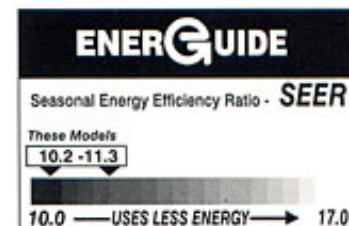
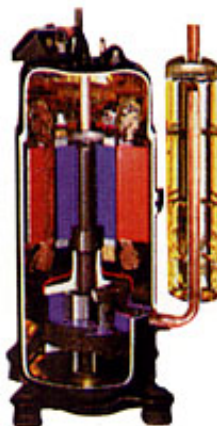
Quiet Reliability Outdoors

- Neutral colour blends easily with surroundings.
- Quiet operation from advanced fan and compressor design.
- Simplified installation requirements.
- Space saving design.

Rotary Compressor

World famous Mitsubishi Electric rotary compressor:

- High dependability.
- Low noise.
- High efficiency.



Mitsubishi Electric Sales Canada Inc.
HVAC Division
4299 - 14th Avenue, Markham, Ontario L3R 0J2
Telephone: (905) 475-7728
Fax: (905) 475-5231
E-Mail: hvac@msm.mea.com

MS-N Series Multiple Wall Mounted Ductless-Split Air Conditioners

IP Units

Item			Model			
			MS09NW	MS12NN	MS15NN	MS17NN
Capacity	Cooling *1	BTU/h	8,500	12,600	14,600	16,100
Power consumption	Cooling *1	W	840	1,130	1,400	1,600
EER	*1		10.1	11.2	10.4	10.1
SEER	*1		10.2	11.3	10.5	10.2
INDOOR UNIT			MS09NW	MS12NN	MS15NN	MS17NN
External finish			White			
Power supply	V, Phase, Hz		115,1,60			
Max fuse size (time delay)		A	15			
Min ampacity		A	0.5	0.6		0.7
Fan motor		FLA	0.37	0.43	0.51	
Airflow	Lo-Med-Hi	Dry	CFM	208-265-328		360-395-452
		Wet	CFM	177-226-279	314-342-392	293-321-367
Moisture removal		Pints/h	2.3	3.2	4.7	5.1
Sound level		dB(A)	42	42		45
Cond. drain Conn. OD		in.	5/8			
Dimensions	W	in.	32-1/16	39-15/16		39-15/16
	D	in.	7-3/16	7-1/2		7-1/2
	H	in.	10-13/16	12-5/8		12-5/8
Weight		lbs.	18	31		
OUTDOOR UNIT			MU09NW	MU12NN	MU15NN	MU17NN
External finish			Munsell 5Y 6.5/1			
Sound level		dB(A)	46	52		
Power supply	V, Phase, Hz		115,1,60	208/130,1,60		
Max fuse size(time delay)		A	15	15	20	20
Min ampacity		A	14	12	14	15
Fan motor		FLA	0.66	0.52		
Compressor		Model(type)	KH122WES	RH167NHDT	RH207NHDT	RH231NHDT
		R.L.A.	10	9	10	11
		L.R.A.	37	29	35	38
Refrigerant control			CAPILLARY TUBE			
Dimensions	W	in.	30-11/16	33-7/16		
	D	in.	10-1/16	11-7/16		
	H	in.	21-1/4	23-13/16		
Weight		lbs.	64	92	97	
REFRIGERANT PIPING			NOT SUPPLIED (OPTIONAL PARTS)			
Refrigerant Tubing (Individually Insulated)		Liquid	1/4			
		Gas	3/8	5/8		
Connection Method			Flare			
Maximum Height Differential		ft	25			
Maximum Line Length		ft	49			
Refrigerant Type			R22			
Precharged To		ft	25			
REMOTE CONTROLLER			WIRELESS TYPE			
Control voltage(by built-in transformer)			DC 12V			

Operating Range

Cooling	Indoor Intake Air	Outdoor Intake Air
Maximum	90° F DB 71°WB	115° WB
Minimum	67° F DB 57° WB	75° WB

Notes:

1. Rating Conditions:

Cooling	Indoor	Outdoor
	80° F DB 67° WB	95° F DB 75° WB

For cooling applications to 20° F, extra-low ambient is available (See data sheet 97APP08)

*2 Shielded wire with computer ground must be used in areas with high inductance transients

Units must be installed in accordance to federal, provincial and local codes and ordinances by qualified personnel

Specifications subject to change without notice

MS-N Series Wall Mounted Ductless-Split Air Conditioners

SI Units

Item			Model			
			MS09NW	MS12NN	MS15NN	MS17NN
Capacity	Cooling *1	kW/h	2.49	3.69	4.28	4.72
Power consumption	Cooling *1	W	840	1,130	1,400	1,600
EER	*1		10.1	11.2	10.4	10.1
SEER	*1		10.2	11.3	10.5	10.2
INDOOR UNIT			MS09NW	MS12NN	MS15NN	MS17NN
External finish			White			
Power supply		V, Phase, Hz	115,1,60			
Max fuse size (time delay)		A	15			
Min ampacity		A	0.5	0.6		0.7
Fan motor		FLA	0.37	0.43	0.51	
Airflow	Lo-Med-Hi	Dry	L/h	98-125-155		170-167-213
		Wet	L/h	84-107-132	148-161-185	138-152-173
Moisture removal		L/h	1.1	1.5	2.2	5.1
Sound level		dB(A)	42	42		45
Cond. drain con OD		in.	5/8			
Dimensions	W	mm	315	100		
	D	mm	185	190		
	H	mm	275	320		
Weight		kg	8.2	14.1		
OUTDOOR UNIT			MU09NW	MU12NN	MU15NN	MU17NN
External finish			Munsell 5Y 6.5/1			
Sound level		dB(A)	46	52		
Power supply		V, Phase, Hz	115,1,60	208/130,1,60		
Max fuse size(time delay)		A	15	15	20	20
Min ampacity		A	14	12	14	15
Fan motor		FL	0.66	0.52		
Compressor	Model(type)		KH122WES	RH167NHDT	RH207NHDT	RH231NHDT
	R.L.A.		10	9	10	11
	L.R.A.		37	29	35	38
Refrigerant control			CAPILLARY TUBE			
Dimensions	W	mm	745	850		
	D	mm	255	290		
	H	mm	540	585		
Weight		kg	29.0	41.7		44.9
REFRIGERANT PIPING			NOT SUPPLIED (OPTIONAL PARTS)			
Refrigerant Tubing (Individually Insulated)	Liquid		1/4			
	Gas		3/8	5/8		
Connection Method			Flare			
Maximum Height Differential		m	8			
Maximum Line Length		m	15			
Refrigerant Type			R22			
Precharged To		m	8			
REMOTE CONTROLLER			WIRELESS TYPE			
Control voltage(by built-in transformer)			DC 12V			

Operating Range

Cooling	Indoor Intake Air	Outdoor Intake Air
Maximum	32° C DB 22° C WB	46° C WB
Minimum	20° C DB 14° C WB	23° C WB

Notes:

1. Rating Conditions:

Cooling	Indoor	Outdoor
	27° C DB 20° C WB	35° C DB 24° C WB

For cooling applications to -6 C, extra-low ambient is available (See data sheet 97APP08)

*2 Shielded wire with computer ground must be used in areas with high inductance transients

Units must be installed in accordance to federal, provincial and local codes and ordinances by qualified personnel

Specifications subject to change without notice