

MMLD | Multi-Zone



Cold Climate | Heat Pump Outdoor Units | **R-32** | 60 Hz

RESIDENTIAL / COMMERCIAL
PRODUCT SPECIFICATIONS (EHB)

Up to 4 Zones

SEER2 up to 23.0

HSPF2 up to 10.5

1.5 to 3 Tons

Cooling Capacity - 21,000 to 34,000 Btuh

Heating Capacity - 22,000 to 36,600 Btuh

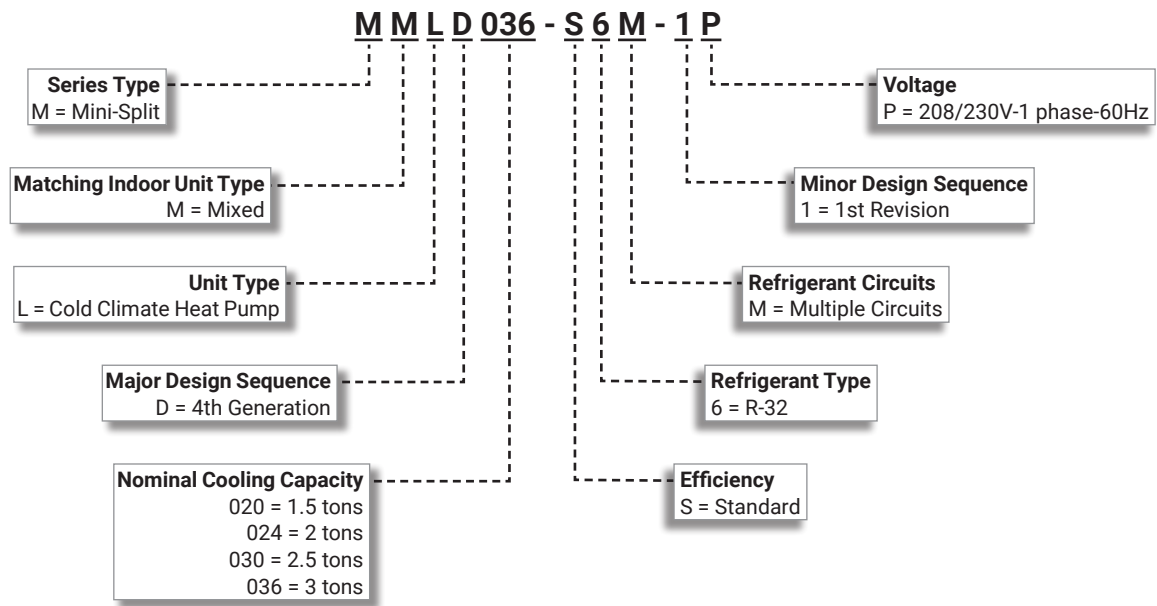
Heating down to -13°F



MMLD Heat Pump Outdoor Units



MODEL NUMBER IDENTIFICATION



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MOBILE APPS

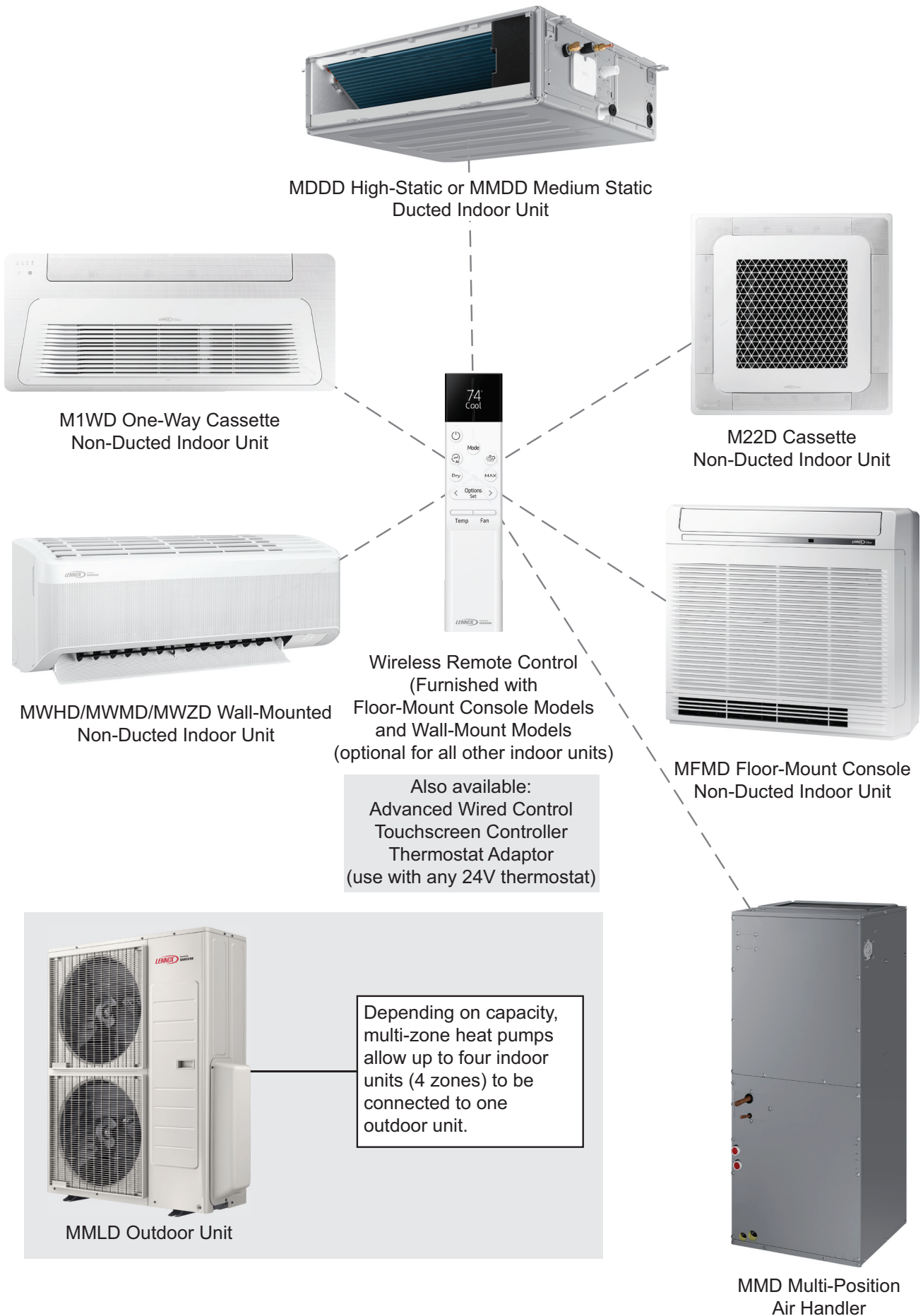


- SmartThings is a free app that uses Wi-Fi to connect smart devices built on the Matter protocol, regardless of the company that makes them
- Users can remotely regulate temperature, adjust settings, receive real-time updates about system performance and energy usage, as well as troubleshoot solutions if service is needed
- Quickly and easily connect, automate and manage your smart home devices through SmartThings
- SmartThings is compatible with hundreds of smart home brands

- With SmartThings, you can connect, monitor and control multiple smart home devices quicker and easier
- Connect smart TVs, smart appliances, smart speakers and brands like Samsung, Ring, Nest and Philips Hue - all from one free app
- Control your smart devices using voice assistant skills including Alexa, Bixby and Google Assistant



SYSTEM COMPONENTS



APPROVALS AND WARRANTY

APPROVALS

- AHRI Standard 210/240-2023 certified with Addenda 1 and 2
- ENERGY STAR® certified units are designed to use less energy, help save money on utility bills, and help protect the environment
- Rated According to U.S. Department of Energy (DOE) test procedures
- Outdoor units and components UL and CEC bonded for grounding to meet safety standards for servicing
- ETL certified for the U.S. and Canada

WARRANTY

- Compressor - Limited seven years
- All other covered components
 - Limited five years in all applications
- Accessories and controls - Limited one year

NOTE - Refer to Lennox Basic Limited Warranty at www.Lennox.com for additional details.

FEATURES

APPLICATIONS

- Cold climate heating down to -13°F (-25°C)
- 1.5 through 3 ton
- Single phase power supply (208/230V)
- Sound levels as low as 61 dBA
- Ductless mini-split systems provide a wide range of capacities and applications and provide an alternative when a ducted system is impractical or cost prohibitive
- Depending on capacity, multi-zone heat pumps allow up to four indoor units (4 zones) to be connected to one outdoor unit
- Units shipped completely factory assembled, internally piped, and wired

NOTE - Outdoor unit is designed for outdoor location only.

NOTE - It is recommended that Medium Static Ducted Indoor Units not be installed in unconditioned spaces with temperatures above 100°F.

REFRIGERATION SYSTEM

R-32 Refrigerant

- Low GWP (Global Warming Potential)
- Zero ODP (Ozone Depletion Potential)
- Low Toxicity/Lower Flammability - A2L

Outdoor Coil

- Aluminum fins fitted to copper tubes

OUTDOOR UNITS

Outdoor Fan

- Direct drive fan moves large air volumes uniformly through entire outdoor coil for high refrigeration capacity
- Fan guard provided

Refrigerant Line Connections, Service Valve

- Flare connection lines are located on side of unit cabinet
- Fully serviceable brass service valve prevents corrosion and provides access to refrigerant system

COMPRESSOR

Variable Frequency Rotary Compressor

- Compressor features high efficiency operation
- Balanced for reduced vibration and quiet operation
- Brushless DC motor uses powerful Neodymium magnets, which are approximately 15-20 times stronger than ferrite magnets used in conventional AC compressors

CONTROLS**DC Inverter Control**

- Provides continuous operation, while adjusting capacity according to room temperature
- The accurate sensing of cooling loads prevents frequent changes in capacity and ensures efficient, economical operation

Inverter Module Protection

- Protects against differences in current, voltage and temperature
- Displays code on the indoor unit indicating a need for servicing

Outdoor Unit Microprocessor

- Electronic expansion valve control
- Automatic compressor timed-off protection (3 minutes)
- Temperature sensor
- LEDs on control display error codes and assist in troubleshooting
- 4-Way reversing valve control

Electronic Expansion Valve

- Furnished on all models

Compressor Overcurrent Protection

- Overcurrent protection can result due to any of the following:
 - Ambient temperature is too high
 - Locked rotor on the compressor
 - Outdoor air is blocked or restricted

Condenser High Temperature Protection

- Condenser high temperature can occur due to any of the following conditions:
 - High outdoor ambient
 - Outdoor fan blocked
 - Outdoor coil blocked
- The outdoor coil thermistor continuously monitors the temperature and communicates with the microprocessor
- Depending on the temperature measured, the compressor will be allowed to increase the frequency if needed to meet the load or is forced to run at the current or reduced frequency
- If the temperature becomes excessively high the compressor will be de-energized

Compressor Discharge Temperature Protection

- The compressor discharge line thermistor continuously monitors the temperature and communicates with the microprocessor
- Depending on the temperature measured, the compressor will be allowed to increase the frequency to meet the load or is forced to run at the current or reduced frequency
- If the temperature becomes excessively high, the compressor will be de-energized

Voltage Protection

- Protects unit from low or high voltage fluctuations

Terminal Strip

- Furnished for easy wiring connections

Defrost Control

- Defrost cycle is automatically enabled if there is a build-up of frost on the outdoor coil
- Outdoor fan operation is terminated during the defrost cycle
- Indoor fan changes to ultra low speed during the defrost cycle to help bring warm refrigerant back to the outdoor coil to assist during defrost operation

Reversing Valve

- 4-way interchange reversing valve effects a rapid change in direction of refrigerant flow resulting in quick changeover from cooling to heating and vice versa
- Valve operates on pressure differential between outdoor unit and indoor unit of the system

CABINET

- Constructed of heavy gauge steel
- Tabs on unit base allow secure mounting to slab
- Condensate drain outlets furnished on unit base

NOTE - Drain must be field furnished.

- Pan heater prevents ice build-up in the bottom of the unit during heating operation
- Access cover for power and control wiring connections
- Access cover for service valves

WALL-MOUNTED INDOOR UNITS



- Eliminates ductwork by utilizing refrigerant piping to preserve space in the attic or closet
- Compact and unobtrusive design also blends seamlessly into any space
- Low-sound
- Swing louver angles to 90°
- **Calm Air Feature** - When louvers are closed, thousands of micro holes in panel provide a dispersed, gentle flow of air
- Unit installs horizontally on a vertical wall
- Vacuum or washable reusable filter media
- Wall plate furnished for installation
- Wireless remote controller furnished
- MWZD models feature RDS system factory installed

NOTE - See the MWHD, MWMD or MWZD Product Specifications.

CASSETTE INDOOR UNITS



- Eliminates ductwork by utilizing refrigerant piping to preserve space in the attic or closet
- Compact and unobtrusive design also blends seamlessly into any space
- Controls for On/Off, Defrost, Timer and Filter
- Low-sound
- Light weight, robust design
- Galvanized steel case
- Four-sided air distribution helps air to reach every corner of the room (M22D)
- Vacuum or washable reusable filter media
- **Calm Air Feature** - When louvers are closed, thousands of micro holes in panel provide a dispersed, gentle flow of air
- Louvers can be removed for easy cleaning
- Single air outlet is suitable for narrow ceilings, such as in lobbies and small meeting rooms (M1WD)

NOTE - The cassette panel must be ordered separately.

NOTE - See the M1WD/M22D Product Specifications.

FLOOR MOUNT INDOOR UNITS



- Low-sound, three-speed Floor Mount Console with LED display
- Multi-blade fan distributes air vertically and horizontally with a wide angle sweeping motion
- Unit can sit on the floor or hang low on a wall
- Suitable for replacing a conventional radiator to provide both heating and cooling in almost any space
- Unit features dual air outlets to provide optimized air flow, ensuring that every part of the room reaches a comfortable temperature
- Wireless remote controller furnished

NOTE - See the MFMD Product Specifications.

MEDIUM/HIGH STATIC DUCTED INDOOR UNITS



- Slim, compact ducted design for limited space requirements
- Installs out of sight between the drop ceiling and ceiling slab with ducted distribution to the indoor space
- Multiple access points for easy setup and installation
- Smart pressure control adjusts fan speed based on external static pressure for consistent heating and cooling

NOTE - See the MDDD or MMDD Product Specifications.

MULTI-POSITION AIR HANDLER INDOOR UNITS



- Constant torque blower motor
- Multi-position cabinet (upflow, downflow, horizontal)
- Completely insulated with foil faced fiberglass insulation
- Low Leakage (less than 2%) Cabinet

NOTE - See the MMD Product Specifications.

OPTIONAL ACCESSORIES - ORDER SEPARATELY

OUTDOOR UNITS

(See Optional Accessories Table on page 11 for Selection)

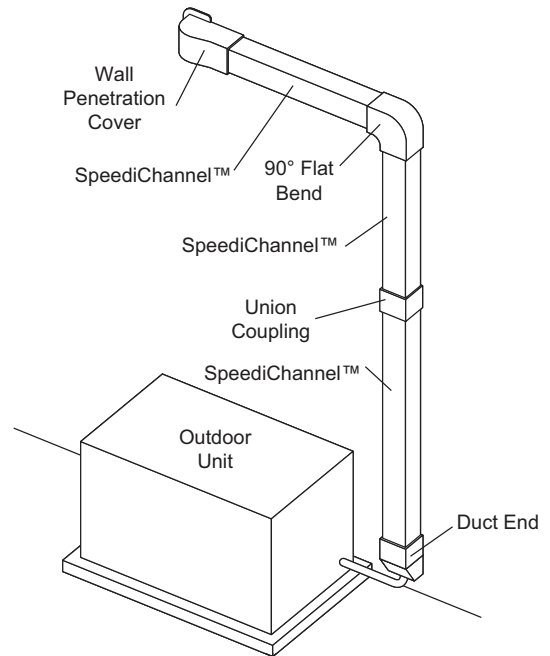
- Equipment Pads
- Equipment Stands
- Hail Guards
- Wind Baffles
- Wall Brackets
- Line Sets
- Control Wiring
- Disconnects
- Whips

SPEEDICHANNEL™ SYSTEM



- SpeediChannel™ is a channel system covers system line sets
- Two-part system has a base and a cover
- Base is fastened to a wall or ceiling with plastic clips (SpeediClip™) that snap into a channel already molded into the base
- Cover fits on top of the base
- Manufactured from rigid PVC, which is UL rated and resistant to UV light
- System is a natural color that closely matches typical mini-split outdoor units
- Can be painted as desired to match any wall color

Typical Application



OPTIONAL ACCESSORIES - ORDER SEPARATELY

SPEEDICHANNEL™ SYSTEM (continued)

SpeediChannel™ Starter Kit

- The starter kit includes (1) Coupling, (1) Wall Penetration, (1) Inside Elbow, (1) Long Radius Flat Bend, (10) Speediclips™, (10) 11 in. Cable Ties, and (1) SpeediChannel Instruction Booklet

Duct End

- Duct Ends are used to terminate a run of SpeediChannel™ to a small opening just large enough for the line set and condensate drain line to pass through



Flat Wall Escutcheon

- Flat Wall Escutcheons are used to cover a rough opening in a soffit, wall, or ceiling penetration



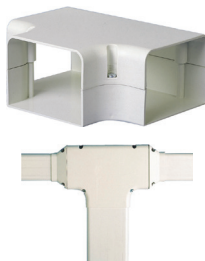
- One side of the escutcheon is flat to allow for a SpeediChannel™ to run along a wall and to penetrate through an adjacent wall or ceiling
- This is the most common type of wall penetration
- Furnished in two parts, the escutcheon easily snaps onto the SpeediChannel™

Flex Joint

- A Flex Joint is an accordion-style piece of SpeediChannel™
- The flex joint can be extremely flexible when routing a SpeediChannel™ system around an obstacle
- Each joint is 20 in. long and can be combined together for longer flex runs
- The flex joint does not require the use of a union coupling
- The flex joint slides tightly inside the SpeediChannel™ system

T-Joint

- T-Joints are used for creating a tee connection between three pieces of SpeediChannel™
- Each tee is individually packed and furnished with stainless steel screws



Union Coupling

- Union Couplings are used for joining two pieces of SpeediChannel™
- Each coupling is individually packed and furnished with stainless steel screws



Wall Penetration Cover

- Wall penetration covers are used to transition from the SpeediChannel™ system to a through wall penetration
- Wall covers are designed to allow for easy installation, even after the line set has been installed
- A hooking and fastening arrangement allows for quick installation
- Each wall cover is individually packed, and furnished with stainless steel screws to attach the wall cover to the base
- Three screws are necessary to fasten the wall cover to the wall construction, regardless of the type of installed system



45° and 90° Flat Bend Elbows

- 45° Flat Bends are used to route the SpeediChannel™ around obstacles
- Each bend is individually packed and furnished with stainless steel screws



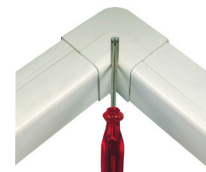
45°



90°

90° Inside Elbow

- 90° Inside Elbows are used to route the SpeediChannel™ around an inside corner
- Each elbow is individually packed and furnished with stainless steel screws



Mount Block White Qty. (2) 14 in. and (2) 36 in.

- Mount Blocks are used as mounting bases when outdoor units must be bolted down
- End caps (for aesthetics) come furnished with mounting bolts
- Maximum load capacity is 900 pounds per mounting block
- Installation temperatures range from -4°F to 140°F
- Mount blocks fit all mini-split outdoor units with a sliding rail feature



OUTDOOR / INDOOR UNIT CROSS-REFERENCE

NOTE - See Multi-Zone System Combination Tables for additional information.

Indoor Unit	Type	Capacity and Type	Outdoor Unit			
			MMLD020S6M-1P	MMLD024S6M-1P	MMLD030S6M-1P	MMLD036S6M-1P
			20	24	30	36
MWMD	Wall-Mount High Efficiency	007M6	•	•	•	•
		009S6	•	•	•	•
		012S6	•	•	•	•
		015M6	•	•	•	•
		018S6		•	•	•
		024S6			•	•
MWHD	Wall-Mount Standard Efficiency	007M6	•	•	•	•
		009S6	•	•	•	•
		012S6	•	•	•	•
		015S6	•	•	•	•
		018S6		•	•	•
		024S6			•	•
MWZD	Wall-Mount Standard Efficiency + RDS	007M6	•	•	•	•
		009M6	•	•	•	•
		012M6	•	•	•	•
		015M6	•	•	•	•
		018M6		•	•	•
		024M6			•	•
M1WD	1-Way Cassette	009S6	•	•	•	•
		012S6	•	•	•	•
M22D	4-Way Cassette (2 x 2)	009S6	•	•	•	•
		012S6	•	•	•	•
		018S6		•	•	•
MMDD	Medium Static Ducted	009S6	•	•	•	•
		012S6	•	•	•	•
		018S6		•	•	•
MDDD	High Static Ducted	009M6	•	•	•	•
		012M6	•	•	•	•
		015M6	•	•	•	•
		018M6		•	•	•
MFMD	Floor/Console	009S6	•	•	•	•
		012S6	•	•	•	•
		015M6	•	•	•	•
		018S6		•	•	•
MMD	Air Handler	012M6	•	•	•	•
		018M6		•	•	•
		024M6			•	•

SPECIFICATIONS

Model		MMLD020S6M	MMLD024S6M	MMLD030S6M	MMLD036S6M
Tons		1.5	2	2.5	3
Number of Zones		3	4	4	4
Ambient Temperature Range - °F	Cooling	14 - 115	14 - 115	14 - 115	14 - 115
	Heating	-13 - 75	-13 - 75	-13 - 75	-13 - 75
Connections	Liquid (flare) - in.	(3) 1/4	(4) 1/4	(4) 1/4	(4) 1/4
	Gas (flare) - in.	(3) 3/8	(2) 3/8 + (2) 1/2	(2) 3/8 + (2) 1/2	(2) 3/8 + (2) 1/2
	Maximum pipe length for all rooms - ft	230	230	230	230
	Maximum pipe length - outdoor to indoor unit - ft.	82	82	82	82
	Maximum height difference between indoor and outdoor units - ft	50	50	50	50
	Maximum height difference between indoor and indoor units - ft	25	25	25	25
Refrigerant	Charge furnished (R-32)	6 lbs. 13 oz.	6 lbs. 13 oz.	6 lbs. 13 oz.	6 lbs. 13 oz.
Compressor	Type	Twin BLDC Rotary			
	Output (W)	10.01	10.01	10.01	10.01
	Refrigerant oil type	POE	POE	POE	POE
	Refrigerant oil charge - oz	33.8	33.8	33.8	33.8
Outdoor Fan	Number and Type	2 Propeller	2 Propeller	2 Propeller	2 Propeller
	cfm	3320	3320	3320	3320
Outdoor Fan Motor	Type	BLDC	BLDC	BLDC	BLDC
	Output (W)	(2) 125	(2) 125	(2) 125	(2) 125
Outdoor Coil	Type	Aluminum Fin/Copper Tube			
Sound Data (dBA)	Cooling	50	51	52	52
	Heating	51	52	53	53
Shipping Data	Net	192	194	194	194
	Shipping	208	210	210	210

ELECTRICAL DATA

Line voltage data (Volts-Phase-Hz)	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
¹ Maximum Overcurrent Protection (MOCP) amps	40	40	40	40
² Minimum circuit ampacity (MCA)	35.9	35.9	35.9	35.9

NOTE - Extremes of operating range are plus and minus 10% of line voltage.

¹ HACR type circuit breaker or fuse.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

OPTIONAL ACCESSORIES - ORDER SEPARATELY

Description		Order Number	Size			
			020	024	030	036
OUTDOOR UNIT						
Line Sets	1/4 x 3/8 3/8 25 ft.	90X53	3 Zones	2 Zones	2 Zones	2 Zones
Liquid x Gas OD Insulation Thickness Length	1/4 x 3/8 3/8 50 ft.	X0258				
Order number of line sets for each size zone connection	1/4 x 1/2 3/8 25 ft.	90X52	- - -	2 Zones	2 Zones	2 Zones
	1/4 x 1/2 3/8 50 ft.	X0259				
Hail Guards	Side	38U98	•	•	•	•
	Back	38U92	•	•	•	•
Wind Baffles	Front	38V16	•	•	•	•
	Back	38V10	•	•	•	•
Equipment Pads	18 x 38 x 3 in. direct mount, gray plastic	Y5014	•	•	•	•
	24 x 48 x 3 in. black	28V63	•	•	•	•
Equipment Stands	12 in. height, adjustable 34 to 40 in. white	Y8240	•	•	•	•
	18 in. height, adjustable 34 to 40 in. white	Y8236	•	•	•	•
	10 in. height, 24 x 36 in. gray	Y8397	•	•	•	•
	18 in. height, 30 x 40 in. gray	28U18	•	•	•	•
Wall Brackets	Wall unit installation support tool	Y6999	•	•	•	•
	30 x 16 in. (D x H) gray (qty 2)	X1727	•	•	•	•
25 x 18-3/8 in. (D x H), adjustable width 6 to 34 in. SS, wind/hurricane rated		Y8239	•	•	•	•
Control Wiring	Five conductor cable, 250 ft. (14/3, 16/2)	29F41	•	•	•	•
	Weather-tight cable connector (qty 1)	29F45	•	•	•	•
Disconnects	60A Pull-out Fusible	Y9685	•	•	•	•
	60A Pull-out Non-Fusible	Y9686	•	•	•	•
Whips	Metal Fittings 3/4 in. x 6 ft., 8 AWG	27P44	•	•	•	•
	Plastic Fittings 3/4 in. x 6 ft., 8 AWG	46N89	•	•	•	•
SPEEDICHANNEL™ SYSTEM						
SpeediChannel™ Starter Kit - 4 in.		Y7950	•	•	•	•
SpeediChannel - 4 in. x 6-1/2 ft. (qty. 6)		Y3388	•	•	•	•
Union Coupling - 4 in.		Y3389	•	•	•	•
90° Flat Bend Elbow - 4 in.		Y3390	•	•	•	•
90° Inside Elbow - 4 in.		Y3391	•	•	•	•
90° Outside Elbow - 4 in.		Y6074	•	•	•	•
45° Flat Bend Elbow - 4 in.		Y3392	•	•	•	•
Flex Joint - 4 in.		Y3393	•	•	•	•
T-Joint - 4 in.		Y3394	•	•	•	•
Duct End - 4 in.		Y3395	•	•	•	•
Flat Wall Escutcheon - 4 in.		Y3396	•	•	•	•
Wall Penetration Cover - 4 in.		Y3399	•	•	•	•
Mount Block (White) Qty, 2 - 14 in.		Y3397	•	•	•	•
Mount Block (White) Qty, 2 - 36 in.		Y3398	•	•	•	•

AHRI RATINGS

Outdoor Unit Model	System Type	Cooling Capacity	SEER2	EER2	Heating Capacity		HSPF2 (IV)	¹ AHRI Reference Number	Energy Star Certified?
					High	Low			
MMLD020S6M-1P	Duct	21000	20.5	13.45	22000	13200	9.5	216760282	Yes
MMLD020S6M-1P	Non-Duct	21000	23	15	22000	13200	10.5	216760278	Yes
MMLD020S6M-1P	Mixed	21000	21.75	14.2	22000	13200	10	216760286	Yes
MMLD024S6M-1P	Duct	25000	20	13.5	25000	15000	9.5	216760281	Yes
MMLD024S6M-1P	Non-Duct	25000	23	14.55	25000	15200	10.4	216760277	Yes
MMLD024S6M-1P	Mixed	25000	21.5	14	25000	15100	9.95	216760285	Yes
MMLD030S6M-1P	Duct	28400	20	13	28600	17200	9.5	216760280	Yes
MMLD030S6M-1P	Non-Duct	28400	22.5	13.5	28600	17500	10	216760276	Yes
MMLD030S6M-1P	Mixed	28400	21.25	13.25	28600	17300	9.75	216760284	Yes
MMLD036S6M-1P	Duct	34000	18.5	11.7	34600	20600	8.5	216760279	Yes
MMLD036S6M-1P	Non-Duct	34000	21.5	12.5	36600	23000	9.5	216760275	Yes
MMLD036S6M-1P	Mixed	34000	20	12.1	35600	21800	9	216760283	Yes

¹ **Bold Reference Numbers indicate Energy Star approval.**

NOTE - Per AHRI, the certified ratings for systems are valid for all combinations of indoor units with the specific outdoor units listed above and in the AHRI Directory of Certified Equipment. Please visit <http://www.ahridirectory.org> for further details and latest updates.

² Ratings are AHRI certified to AHRI Standard 210/240;

- Cooling Ratings - 95°F wet bulb/75°F dry bulb outdoor air temperature and 80°F dry bulb/67°F wet bulb entering indoor coil air.
- High Temperature Heating Ratings - 47°F dry bulb/43°F wet bulb outdoor air temperature and 70°F dry bulb/60°F wet bulb entering indoor coil air.
- Low Temperature Heating Ratings - 17°F dry bulb/15°F wet bulb outdoor air temperature and 70°F dry bulb/60°F wet bulb entering indoor coil air.

To convert HSPF from Region IV to Region V - Divide by 1.15.

NOTE - See separate MMLD Capacity Tables document for additional information.

※ Note

- Combination guide when applying MDDD***M6-1P (High Static Concealed Ducted) or MMD***M6-1P (MPAHU) indoor units
 - Two indoor unit combination can be configured with "MPAHU" or "High Static Concealed Ducted".
 - However, further connection of other kinds of indoor units is prohibited in this case.
 - If MDDD***M6-1P (High Static Concealed Ducted) or MMD***M6-1P (MPAHU) indoor units are included in the combination, the total sum of indoor unit nominal capacity cannot exceed the outdoor unit nominal capacity (max. 100% design diversity/capacity ratio).
 - If the indoor unit combination includes MDDD***M6-1P (High Static Concealed Ducted) or MMD***M6-1P (MPAHU) indoor units and does not meet the installation combination restrictions, error code E563 error will display and the system will not operate.
 - If error code E563 occurs, Cool Mode and Pipe Check operations are still possible.

Combination Guide for Systems That Include MDDD***M6-1P or MMD***M6-1P						
Outdoor Unit Model Code	Mixed Installation*	4 Indoor Unit Connection	3 Indoor Unit Connection	2 Indoor Unit Connection	Combination Ratio	Outdoor Index
MMLD020S6M-1P	Allowed	Not Allowed	Not Allowed	Allowed	≤ 1.0	21
MMLD024S6M-1P	Allowed	Not Allowed	Allowed	Allowed	≤ 1.0	24
MMLD030S6M-1P	Allowed	Not Allowed	Allowed	Allowed	≤ 1.0	30
MMLD036S6M-1P	Allowed	Not Allowed	Allowed	Allowed	≤ 1.0	36

* Mixed installation means mixing MDDD***M6-1P and MMD***M6-1P units on the same system

MULTI-ZONE SYSTEM COMBINATIONS

Combinations that include High Static Concealed Ducted and MPAHU indoor units and optional Medium Static Concealed Ducted and non-ducted indoor units.

Note

1. Combination tables on the following pages lists combinations for systems with all non-ducted units or all ducted units (not mixed). While reviewing indoor unit combinations in this section, if High Static Concealed Ducted or MPAHU indoor units are included in the system combination, only the combinations noted below are allowed (mixed High Static Concealed Ducted/MPAHU with other indoor unit types).
2. System combinations that include one High Static Concealed Ducted or one MPAHU can also include Medium Static Concealed Ducted , high-wall, cassette, and Floor Mount Console indoor units.

MMLD020S6M-1P
Outdoor Index: 21

Unit Qty.	Indoor Index					Total
	A	B	C	D	E	
2	7	9				16
	7	12				19
	9	9				18
	9	12				21

MMLD024S6M-1P
Outdoor Index: 24

Unit Qty.	Indoor Index					Total
	A	B	C	D	E	
2	7	9				16
	7	12				19
	7	15				22
	9	9				18
	9	12				21
	9	15				24
	12	12				24
	12	15				27
3	7	7	9			23

MMLD030S6M-1P
Outdoor Index: 30

Unit Qty.	Indoor Index					Total
	A	B	C	D	E	
2	7	9				16
	7	12				19
	7	15				22
	7	18				25
	9	9				18
	9	12				21
	9	15				24
	9	18				27
	12	12				24
	12	15				27
	12	18				30
	15	15				30
3	7	7	7			21
	7	7	9			23
	7	7	12			26
	7	7	15			29
	7	9	9			25
	7	9	12			28
	9	9	9			27
	9	9	12			30

MMLD036S6M-1P
Outdoor Index: 36

Unit Qty.	Indoor Index					Total
	A	B	C	D	E	
2	7	9				16
	7	12				19
	7	15				22
	7	18				25
	7	24				31
	9	9				18
	9	12				21
	9	15				24
	9	18				27
	9	24				33
	12	12				24
	12	15				27
	12	18				30
	12	24				36
	15	15				30
	15	18				33
	18	18				36
3	7	7	9			23
	7	7	12			26
	7	7	15			29
	7	7	18			32
	7	9	9			25
	7	9	12			28
	7	9	15			31
	7	9	18			34
	7	12	12			31
	7	12	15			34
	9	9	9			27
	9	9	12			30
	9	9	15			33
	9	9	18			36
	9	12	12			33
	9	12	15			36
	12	12	12			36

MULTI-ZONE SYSTEM COMBINATIONS

MMLD020S6M-1P

Cooling (Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	9	9				18	9,000	9,000				18,000	9,000	18,000	24,000	656	1,350	2,000	3.10	6.00	8.90	13.33
	9	12				21	9,000	12,000				21,000	9,000	21,000	27,000	657	1,560	2,320	3.10	6.90	10.30	13.46
	12	12				24	10,500	10,500				21,000	9,000	21,000	30,000	661	1,560	2,740	3.20	6.90	12.20	13.46
3	9	9	9			27	7,000	7,000	7,000			21,000	9,500	21,000	34,000	600	1,560	2,900	2.90	6.90	12.90	13.45

Heating (Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	9	9				18	10,900	10,900				21,800	7,600	21,800	30,000	450	2,210	3,000	2.20	9.80	13.30	2.89
	9	12				21	9,430	12,570				22,000	7,600	22,000	34,000	450	2,230	3,220	2.20	9.90	14.30	2.89
	12	12				24	11,000	11,000				22,000	7,600	22,000	36,000	450	2,230	3,440	2.20	9.90	15.30	2.89
3	9	9	9			27	7,330	7,330	7,340			22,000	7,600	22,000	38,000	450	2,010	3,560	2.20	8.90	15.80	3.20

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 27.
- At least two indoor units must be connected for operation.
- If MDDD***M6-1P or MMD***M6-1P is included in the combination, the combination criteria noted must be followed.

MULTI-ZONE SYSTEM COMBINATIONS

MMLD020S6M-1P

Cooling (Non Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	7	7				14	7,000	7,000				14,000	9,000	14,000	21,000	650	1,140	1,500	3.10	5.10	6.70	12.28
	7	9				16	7,000	9,000				16,000	9,000	16,000	23,000	651	1,250	1,700	3.10	5.50	7.50	12.80
	7	12				19	7,000	12,000				19,000	9,000	19,000	26,000	652	1,460	2,100	3.10	6.50	9.30	13.01
	7	15				22	6,680	14,320				21,000	9,000	21,000	30,000	653	1,560	2,630	3.10	6.90	11.70	13.46
	9	9				18	9,000	9,000				18,000	9,000	18,000	24,500	656	1,350	1,950	3.10	6.00	8.70	13.33
	9	12				21	9,000	12,000				21,000	9,000	21,000	28,000	657	1,560	2,400	3.10	6.90	10.60	13.46
	9	15				24	7,880	13,120				21,000	9,000	21,000	30,000	658	1,560	2,630	3.10	6.90	11.70	13.46
	12	12				24	10,500	10,500				21,000	9,000	21,000	30,000	661	1,560	2,630	3.20	6.90	11.70	13.46
	12	15				27	9,330	11,670				21,000	9,000	21,000	33,000	662	1,560	2,740	3.20	6.90	12.20	13.46
3	7	7	7			21	7,000	7,000	7,000			21,000	9,500	21,000	30,000	600	1,400	2,200	2.90	6.20	9.80	15.00
	7	7	9			23	6,390	6,390	8,220			21,000	9,500	21,000	32,000	600	1,400	2,540	2.90	6.20	11.30	15.00
	7	7	12			26	5,650	5,650	9,700			21,000	9,500	21,000	34,000	600	1,400	2,740	2.90	6.20	12.20	15.00
	7	9	9			25	5,880	7,560	7,560			21,000	9,500	21,000	34,000	600	1,400	2,740	2.90	6.20	12.20	15.00
	9	9	9			27	7,000	7,000	7,000			21,000	9,500	21,000	34,000	600	1,400	2,740	2.90	6.20	12.20	15.00

Heating (Non Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	7	7				14	7,500	7,500				15,000	7,600	15,000	27,000	450	1,260	2,180	2.20	5.60	9.70	3.49
	7	9				16	8,050	10,350				18,400	7,600	18,400	30,000	450	1,530	2,420	2.20	6.80	10.70	3.52
	7	12				19	8,030	13,770				21,800	7,600	21,800	32,000	450	1,710	2,800	2.20	7.60	12.40	3.74
	7	15				22	7,000	15,000				22,000	7,600	22,000	32,000	450	1,740	2,800	2.20	7.70	12.40	3.71
	9	9				18	10,900	10,900				21,800	7,600	21,800	32,000	450	1,710	2,650	2.20	7.60	11.80	3.74
	9	12				21	9,430	12,570				22,000	7,600	22,000	32,000	450	1,740	2,800	2.20	7.70	12.40	3.71
	9	15				24	8,250	13,750				22,000	7,600	22,000	32,000	450	1,740	2,800	2.20	7.70	12.40	3.71
	12	12				24	11,000	11,000				22,000	7,600	22,000	32,000	450	1,740	2,800	2.20	7.70	12.40	3.71
	12	15				27	9,780	12,220				22,000	7,600	22,000	41,000	450	1,740	3,440	2.20	7.70	15.30	3.71
3	7	7	7			21	7,330	7,330	7,340			22,000	7,600	22,000	32,000	450	1,390	2,400	2.20	6.20	10.60	4.64
	7	7	9			23	6,700	6,700	8,600			22,000	7,600	22,000	37,000	450	1,390	2,920	2.20	6.20	13.00	4.64
	7	7	12			26	5,920	5,920	10,160			22,000	7,600	22,000	42,000	450	1,390	3,440	2.20	6.20	15.30	4.64
	7	9	9			25	6,160	7,920	7,920			22,000	7,600	22,000	42,000	450	1,390	3,440	2.20	6.20	15.30	4.64
	9	9	9			27	7,330	7,330	7,340			22,000	7,600	22,000	42,000	450	1,390	3,440	2.20	6.20	15.30	4.64

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 27.
- At least two indoor units must be connected for operation.
- Also, Refer to the table for combinations that include non-duct and Medium Static Concealed Ducted indoor units.

MULTI-ZONE SYSTEM COMBINATIONS

MMLD024S6M-1P

Cooling (Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	9	9				18	9,000	9,000				18,000	9,000	18,000	24,000	656	1,350	2,000	3.10	6.00	8.90	13.33
	9	12				21	9,000	12,000				21,000	9,000	21,000	27,000	657	1,560	2,320	3.10	6.90	10.30	13.46
	9	15				24	9,000	15,000				24,000	9,000	24,000	30,000	658	1,870	2,740	3.10	8.30	12.20	12.83
	9	18				27	8,330	16,670				25,000	9,000	25,000	33,000	659	1,880	2,800	3.20	8.30	12.40	13.30
	12	12				24	12,000	12,000				24,000	9,000	24,000	30,000	661	1,770	2,740	3.20	7.90	12.20	13.56
	12	15				27	11,110	13,890				25,000	9,000	25,000	33,000	658	1,880	2,800	3.10	8.30	12.40	13.30
	12	18				30	10,000	15,000				25,000	9,000	25,000	33,000	663	1,880	2,800	3.20	8.30	12.40	13.30
3	9	9	9			27	8,330	8,330	8,340			25,000	9,500	25,000	34,000	600	1,850	2,900	2.90	8.20	12.90	13.50
	9	9	12			30	7,500	7,500	10,000			25,000	9,500	25,000	34,000	600	1,850	2,900	2.90	8.20	12.90	13.51

Heating (Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	9	9				18	10,900	10,900				21,800	7,600	21,800	30,000	450	2,210	3,000	2.20	9.80	13.30	2.89
	9	12				21	9,430	12,570				22,000	7,600	22,000	34,000	450	2,230	3,220	2.20	9.90	14.30	2.89
	9	15				24	9,380	15,620				25,000	7,600	25,000	36,000	451	2,360	3,440	2.20	10.50	15.30	3.10
	9	18				27	8,330	16,670				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
	12	12				24	12,500	12,500				25,000	7,600	25,000	36,000	450	2,360	3,440	2.20	10.50	15.30	3.10
	12	15				27	11,110	13,890				25,000	7,600	25,000	37,000	451	2,360	3,560	2.20	10.50	15.80	3.10
	12	18				30	10,000	15,000				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
3	9	9	9			27	8,330	8,330	8,340			25,000	7,600	25,000	38,000	450	2,220	3,560	2.20	9.80	15.80	3.30
	9	9	12			30	7,500	7,500	10,000			25,000	7,600	25,000	38,000	450	2,220	3,560	2.20	9.80	15.80	3.30

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 30.
- At least two indoor units must be connected for operation.
- If MDDD***M6-1P or MMD***M6-1P is included in the combination, the combination criteria noted must be followed.

MULTI-ZONE SYSTEM COMBINATIONS

MMLD024S6M-1P

Cooling (Non Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	7	7				14	7,000	7,000				14,000	9,000	14,000	21,000	650	1,140	1,500	3.10	5.10	6.70	12.28
	7	9				16	7,000	9,000				16,000	9,000	16,000	23,000	651	1,250	1,700	3.10	5.50	7.50	12.80
	7	12				19	7,000	12,000				19,000	9,000	19,000	26,000	652	1,460	2,100	3.10	6.50	9.30	13.01
	7	15				22	7,000	15,000				22,000	9,000	22,000	30,000	653	1,670	2,630	3.10	7.40	11.70	13.17
	7	18				25	7,000	18,000				25,000	9,000	25,000	30,000	654	1,800	2,630	3.10	8.00	11.70	13.89
	9	9				18	9,000	9,000				18,000	9,000	18,000	24,500	656	1,350	1,950	3.10	6.00	8.70	13.33
	9	12				21	9,000	12,000				21,000	9,000	21,000	28,000	657	1,560	2,400	3.10	6.90	10.60	13.46
	9	15				24	9,000	15,000				24,000	9,000	24,000	30,000	658	1,770	2,630	3.10	7.90	11.70	13.56
	9	18				27	8,330	16,670				25,000	9,000	25,000	33,000	659	1,950	2,740	3.20	8.70	12.20	12.82
	12	12				24	12,000	12,000				24,000	9,000	24,000	30,000	661	1,770	2,630	3.20	7.90	11.70	13.56
	12	15				27	11,110	13,890				25,000	9,000	25,000	33,000	662	1,950	2,740	3.20	8.70	12.20	12.82
	12	18				30	10,000	15,000				25,000	9,000	25,000	33,000	663	1,950	3,000	3.20	8.70	13.30	12.82
3	15	15				30	12,500	12,500				25,000	9,000	25,000	33,000	665	1,950	3,000	3.20	8.70	13.30	12.82
	7	7	7			21	7,000	7,000	7,000			21,000	9,500	21,000	30,000	600	1,400	2,200	2.90	6.20	9.80	15.00
	7	7	9			23	7,000	7,000	9,000			23,000	9,500	23,000	32,000	600	1,560	2,540	2.90	6.90	11.30	14.74
	7	7	12			26	6,730	6,730	11,540			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53
	7	7	15			29	6,030	6,030	12,940			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53
	7	7	18			32	5,470	5,470	14,060			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53
	7	9	9			25	7,000	9,000	9,000			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.55
	7	9	12			28	6,250	8,040	10,710			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53
	7	9	15			31	5,650	7,250	12,100			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53
	7	12	12			31	5,640	9,680	9,680			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53
	9	9	9			27	8,330	8,330	8,340			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53
	9	9	12			30	7,500	7,500	10,000			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.53
4	7	7	7	7		28	6,250	6,250	6,250	6,250		25,000	9,500	25,000	36,000	599	1,720	3,000	2.90	7.60	13.30	14.55
	7	7	7	9		30	5,830	5,830	5,830	7,510		25,000	9,500	25,000	39,600	600	1,720	3,400	2.90	7.60	15.10	14.55
	7	7	9	9		32	5,470	5,470	7,030	7,030		25,000	9,500	25,000	39,600	600	1,720	3,400	2.90	7.60	15.10	14.55

MULTI-ZONE SYSTEM COMBINATIONS

MMLD024S6M-1P

Heating (Non Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	7	7				14	7,500	7,500				15,000	7,600	15,000	27,000	450	1,260	2,180	2.20	5.60	9.70	3.49
	7	9				16	8,050	10,350				18,400	7,600	18,400	30,000	450	1,530	2,420	2.20	6.80	10.70	3.52
	7	12				19	8,030	13,770				21,800	7,600	21,800	32,000	450	1,710	2,800	2.20	7.60	12.40	3.74
	7	15				22	7,950	17,050				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	7	18				25	7,000	18,000				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	9	9				18	10,900	10,900				21,800	7,600	21,800	32,000	450	1,710	2,650	2.20	7.60	11.80	3.74
	9	12				21	10,670	14,230				24,900	7,600	24,900	32,000	450	1,860	2,800	2.20	8.30	12.40	3.92
	9	15				24	9,380	15,620				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	9	18				27	8,330	16,670				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	12	12				24	12,500	12,500				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	12	15				27	11,110	13,890				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	12	18				30	10,000	15,000				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
3	15	15				30	12,500	12,500				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	7	7	7			21	7,330	7,330	7,340			22,000	7,600	22,000	32,000	450	1,390	2,400	2.20	6.20	10.60	4.64
	7	7	9			23	7,610	7,610	9,780			25,000	7,600	25,000	37,000	450	1,560	2,920	2.20	6.90	13.00	4.70
	7	7	12			26	6,730	6,730	11,540			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	7	15			29	6,030	6,030	12,940			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	7	18			32	5,470	5,470	14,060			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	9	9			25	7,000	9,000	9,000			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	9	12			28	6,250	8,040	10,710			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	9	15			31	5,650	7,250	12,100			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	12	12			31	5,640	9,680	9,680			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	9	9	9			27	8,330	8,330	8,340			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	9	9	12			30	7,500	7,500	10,000			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
4	7	7	7	7		28	6,250	6,250	6,250	6,250		25,000	7,600	25,000	47,000	450	1,560	3,570	2.20	6.90	15.80	4.70
	7	7	7	9		30	5,830	5,830	5,830	7,510		25,000	7,600	25,000	50,800	450	1,560	4,090	2.20	6.90	18.10	4.70
	7	7	9	9		32	5,470	5,470	7,030	7,030		25,000	7,600	25,000	54,500	450	1,560	4,600	2.20	6.90	20.40	4.70

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 32.
- At least two indoor units must be connected for operation.
- Also, Refer to the table for combinations that include non-duct and Medium Static Concealed Ducted indoor units.

MULTI-ZONE SYSTEM COMBINATIONS

MMLD030S6M-1P

Cooling (Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	9	9				18	9,000	9,000				18,000	9,000	18,000	24,000	656	1,350	2,000	3.10	6.00	8.90	13.33
	9	12				21	9,000	12,000				21,000	9,000	21,000	27,000	657	1,560	2,320	3.10	6.90	10.30	13.46
	9	15				24	9,000	15,000				24,000	9,000	24,000	30,000	658	1,870	2,740	3.10	8.30	12.20	12.83
	9	18				27	8,330	16,670				25,000	9,000	25,000	33,000	659	1,880	2,800	3.20	8.30	12.40	13.30
	9	24				33	7,280	19,420				26,700	9,000	26,700	36,000	658	2,100	3,140	3.10	9.30	13.90	12.71
	12	12				24	12,000	12,000				24,000	9,000	24,000	30,000	661	1,770	2,740	3.20	7.90	12.20	13.56
	12	15				27	11,110	13,890				25,000	9,000	25,000	33,000	658	1,880	2,800	3.10	8.30	12.40	13.30
	12	18				30	10,000	15,000				25,000	9,000	25,000	33,000	663	1,880	2,800	3.20	8.30	12.40	13.30
	12	24				36	9,470	18,930				28,400	9,000	28,400	38,500	658	2,300	3,470	3.10	10.20	15.40	12.35
	15	15				30	12,500	12,500				25,000	9,000	25,000	33,000	663	1,880	2,800	3.20	8.30	12.40	13.30
	15	18				33	12,140	14,560				26,700	9,000	26,700	36,000	658	2,100	3,140	3.10	9.30	13.90	12.71
	18	18				36	14,200	14,200				28,400	9,000	28,400	38,500	668	2,300	3,470	3.20	10.20	15.40	12.35
3	9	9	9			27	9,000	9,000	9,000			27,000	9,500	27,000	34,000	600	2,000	2,900	2.90	8.90	12.90	13.50
	9	9	12			30	8,520	8,520	11,360			28,400	9,500	28,400	34,000	600	2,300	2,900	2.90	10.20	12.90	12.35
	9	9	15			33	7,750	7,750	12,900			28,400	9,500	28,400	37,000	600	2,300	3,240	2.90	10.20	14.40	12.35
	9	9	18			36	7,100	7,100	14,200			28,400	9,500	28,400	39,600	600	2,220	3,570	2.90	9.80	15.80	12.79
	9	12	12			33	7,740	10,330	10,330			28,400	9,500	28,400	37,000	600	2,300	3,240	2.90	10.20	14.40	12.35
	9	12	15			36	7,100	9,470	11,830			28,400	9,500	28,400	39,600	600	2,220	3,570	2.90	9.80	15.80	12.79
	9	12	18			39	6,550	8,740	13,110			28,400	9,500	28,400	39,600	600	2,220	3,570	2.90	9.80	15.80	12.79
	12	12	12			36	9,470	9,470	9,460			28,400	9,500	28,400	39,600	600	2,220	3,570	2.90	9.80	15.80	12.79
4	9	9	9	9		36	7,100	7,100	7,100	7,100		28,400	9,500	28,400	39,600	600	2,180	3,570	2.90	9.70	15.80	13.00
	9	9	9	12		39	6,550	6,550	6,550	8,750		28,400	9,500	28,400	39,600	600	2,180	3,570	2.90	9.70	15.80	13.03

MULTI-ZONE SYSTEM COMBINATIONS

MMLD030S6M-1P

Heating (Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
2	9	9				18	10,900	10,900				21,800	7,600	21,800	30,000	450	2,210	3,000	2.20	9.80	13.30	2.89
	9	12				21	9,430	12,570				22,000	7,600	22,000	34,000	450	2,230	3,220	2.20	9.90	14.30	2.89
	9	15				24	9,380	15,620				25,000	7,600	25,000	36,000	451	2,360	3,440	2.20	10.50	15.30	3.10
	9	18				27	8,330	16,670				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
	9	24				33	7,310	19,490				26,800	7,600	26,800	40,000	450	2,460	4,500	2.20	10.90	20.00	3.19
	12	12				24	12,500	12,500				25,000	7,600	25,000	36,000	450	2,360	3,440	2.20	10.50	15.30	3.10
	12	15				27	11,110	13,890				25,000	7,600	25,000	37,000	451	2,360	3,560	2.20	10.50	15.80	3.10
	12	18				30	10,000	15,000				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
	12	24				36	9,530	19,070				28,600	7,600	28,600	42,000	451	2,550	4,800	2.20	11.30	21.30	3.29
	15	15				30	12,500	12,500				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
	15	18				33	12,180	14,620				26,800	7,600	26,800	40,000	450	2,460	4,500	2.20	10.90	20.00	3.19
	18	18				36	14,300	14,300				28,600	7,600	28,600	42,000	450	2,550	4,800	2.20	11.30	21.30	3.29
3	9	9	9			27	9,530	9,530	9,540			28,600	7,600	28,600	45,000	450	2,500	4,900	2.20	11.10	21.70	3.35
	9	9	12			30	8,580	8,580	11,440			28,600	7,600	28,600	45,000	450	2,500	4,900	2.20	11.10	21.70	3.35
	9	9	15			33	7,800	7,800	13,000			28,600	7,600	28,600	50,500	450	2,450	4,900	2.20	10.90	21.70	3.42
	9	9	18			36	7,150	7,150	14,300			28,600	7,600	28,600	53,500	450	2,370	4,900	2.20	10.50	21.70	3.54
	9	12	12			33	7,800	10,400	10,400			28,600	7,600	28,600	50,500	450	2,450	4,900	2.20	10.90	21.70	3.42
	9	12	15			36	7,150	9,530	11,920			28,600	7,600	28,600	53,500	450	2,370	4,900	2.20	10.50	21.70	3.54
	9	12	18			39	6,600	8,800	13,200			28,600	7,600	28,600	53,500	450	2,270	4,900	2.20	10.10	21.70	3.69
	12	12	12			36	9,530	9,530	9,540			28,600	7,600	28,600	53,500	450	2,270	4,900	2.20	10.10	21.70	3.69
4	9	9	9	9		36	7,150	7,150	7,150	7,150		28,600	7,600	28,600	53,500	450	2,270	4,900	2.20	10.10	21.70	3.70
	9	9	9	12		39	6,600	6,600	6,600	8,800		28,600	7,600	28,600	53,500	450	2,270	4,900	2.20	10.10	21.70	3.69

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 39.
- At least two indoor units must be connected for operation.
- If MDDD***M6-1P or MMD***M6-1P is included in the combination, the combination criteria noted must be followed.

MULTI-ZONE SYSTEM COMBINATIONS

MMLD030S6M-1P

Cooling (Non Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	7	7				14	7,000	7,000				14,000	9,000	14,000	21,000	650	1,140	1,500	3.10	5.10	6.70	12.28
	7	9				16	7,000	9,000				16,000	9,000	16,000	23,000	651	1,250	1,700	3.10	5.50	7.50	12.80
	7	12				19	7,000	12,000				19,000	9,000	19,000	26,000	652	1,460	2,100	3.10	6.50	9.30	13.01
	7	15				22	7,000	15,000				22,000	9,000	22,000	30,000	653	1,670	2,630	3.10	7.40	11.70	13.17
	7	18				25	7,000	18,000				25,000	9,000	25,000	30,000	654	1,800	2,630	3.10	8.00	11.70	13.89
	7	24				31	6,410	21,990				28,400	9,000	28,400	33,000	655	2,360	3,100	3.10	10.50	13.80	12.03
	9	9				18	9,000	9,000				18,000	9,000	18,000	24,500	656	1,350	1,950	3.10	6.00	8.70	13.33
	9	12				21	9,000	12,000				21,000	9,000	21,000	28,000	657	1,560	2,400	3.10	6.90	10.60	13.46
	9	15				24	9,000	15,000				24,000	9,000	24,000	30,000	658	1,770	2,630	3.10	7.90	11.70	13.56
	9	18				27	8,330	16,670				25,000	9,000	25,000	33,000	659	1,950	2,740	3.20	8.70	12.20	12.82
	9	24				33	7,750	20,650				28,400	9,000	28,400	33,000	660	2,360	3,100	3.20	10.50	13.80	12.03
	12	12				24	12,000	12,000				24,000	9,000	24,000	30,000	661	1,770	2,630	3.20	7.90	11.70	13.56
	12	15				27	11,110	13,890				25,000	9,000	25,000	33,000	662	1,950	2,740	3.20	8.70	12.20	12.82
	12	18				30	10,000	15,000				25,000	9,000	25,000	33,000	663	1,950	3,000	3.20	8.70	13.30	12.82
	12	24				36	9,470	18,930				28,400	9,000	28,400	34,000	664	2,420	3,200	3.20	10.70	14.20	11.74
	15	15				30	12,500	12,500				25,000	9,000	25,000	33,000	665	1,950	3,000	3.20	8.70	13.30	12.82
	15	18				33	12,910	15,490				28,400	9,000	28,400	33,000	666	2,360	3,100	3.20	10.50	13.80	12.03
	15	24				39	10,920	17,480				28,400	9,000	28,400	34,000	667	2,420	3,200	3.20	10.70	14.20	11.74
	18	18				36	14,200	14,200				28,400	9,000	28,400	34,000	667	2,420	3,200	3.20	10.70	14.20	11.74
3	7	7	7			21	7,000	7,000	7,000			21,000	9,500	21,000	30,000	600	1,400	2,200	2.90	6.20	9.80	15.00
	7	7	9			23	7,000	7,000	9,000			23,000	9,500	23,000	32,000	600	1,560	2,540	2.90	6.90	11.30	14.74
	7	7	12			26	7,000	7,000	12,000			26,000	9,500	26,000	34,000	600	1,850	2,740	2.90	8.20	12.20	14.05
	7	7	15			29	6,860	6,860	14,680			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	7	18			32	6,210	6,210	15,980			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	7	24			38	5,230	5,230	17,940			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	7	9	9			25	7,000	9,000	9,000			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.55
	7	9	12			28	7,000	9,000	12,000			28,000	9,500	28,000	34,000	600	2,240	2,740	2.90	9.90	12.20	12.50
	7	9	15			31	6,410	8,250	13,740			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	9	18			34	5,850	7,520	15,030			28,400	9,500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	7	9	24			40	4,970	6,390	17,040			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	7	12	12			31	6,420	10,990	10,990			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	12	15			34	5,850	10,020	12,530			28,400	9,500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	7	12	18			37	5,370	9,210	13,820			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	7	15	15			37	5,380	11,510	11,510			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	7	15	18			40	4,970	10,650	12,780			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	9	9	9			27	9,000	9,000	9,000			27,000	9,500	27,000	34,000	600	1,960	2,740	2.90	8.70	12.20	13.78
	9	9	12			30	8,520	8,520	11,360			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	9	9	15			33	7,750	7,750	12,900			28,400	9,500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	9	9	18			36	7,100	7,100	14,200			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	9	12	12			33	7,740	10,330	10,330			28,400	9,500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	9	12	15			36	7,100	9,470	11,830			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	9	12	18			39	6,550	8,740	13,110			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	9	15	15			39	6,560	10,920	10,920			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	12	12	12			36	9,470	9,470	9,460			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	12	12	15			39	8,740	8,740	10,920			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09

MULTI-ZONE SYSTEM COMBINATIONS

MMLD030S6M-1P

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
4	7	7	7	7		28	7,000	7,000	7,000	7,000		28,000	9,500	28,000	36,000	599	2,330	3,000	2.90	10.30	13.30	12.02
	7	7	7	9		30	6,630	6,630	6,630	8,510		28,400	9,500	28,400	39,600	600	2,270	3,400	2.90	10.10	15.10	12.51
	7	7	7	12		33	6,020	6,020	6,020	10,340		28,400	9,500	28,400	39,600	600	2,100	3,400	2.90	9.30	15.10	13.52
	7	7	7	15		36	5,520	5,520	5,520	11,840		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	7	7	18		39	5,100	5,100	5,100	13,100		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	7	9	9		32	6,210	6,210	7,990	7,990		28,400	9,500	28,400	39,600	600	2,100	3,400	2.90	9.30	15.10	13.50
	7	7	9	12		35	5,680	5,680	7,300	9,740		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	7	9	15		38	5,230	5,230	6,730	11,210		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	7	12	12		38	5,230	5,230	8,970	8,970		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	9	9	9		34	5,840	7,520	7,520	7,520		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	9	9	12		37	5,370	6,910	6,910	9,210		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	9	9	15		40	4,970	6,390	6,390	10,650		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	7	9	12	12		40	4,970	6,390	8,520	8,520		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.52
	9	9	9	9		36	7,100	7,100	7,100	7,100		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.50
	9	9	9	12		39	6,550	6,550	6,550	8,750		28,400	9,500	28,400	42,000	600	2,100	3,500	2.90	9.30	15.50	13.50

MULTI-ZONE SYSTEM COMBINATIONS

MMLD030S6M-1P

Heating (Non Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	7	7				14	7,500	7,500				15,000	7,600	15,000	27,000	450	1,260	2,180	2.20	5.60	9.70	3.49
	7	9				16	8,050	10,350				18,400	7,600	18,400	30,000	450	1,530	2,420	2.20	6.80	10.70	3.52
	7	12				19	8,030	13,770				21,800	7,600	21,800	32,000	450	1,710	2,800	2.20	7.60	12.40	3.74
	7	15				22	7,950	17,050				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	7	18				25	7,000	18,000				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	7	24				31	6,460	22,140				28,600	7,600	28,600	41,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	9	9				18	10,900	10,900				21,800	7,600	21,800	32,000	450	1,710	2,650	2.20	7.60	11.80	3.74
	9	12				21	10,670	14,230				24,900	7,600	24,900	32,000	450	1,860	2,800	2.20	8.30	12.40	3.92
	9	15				24	9,380	15,620				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	9	18				27	8,330	16,670				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	9	24				33	7,800	20,800				28,600	7,600	28,600	41,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	12	12				24	12,500	12,500				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	12	15				27	11,110	13,890				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	12	18				30	10,000	15,000				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	12	24				36	9,530	19,070				28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	15	15				30	12,500	12,500				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	15	18				33	13,000	15,600				28,600	7,600	28,600	41,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	15	24				39	11,000	17,600				28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	18	18				36	14,300	14,300				28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
3	7	7	7			21	7,330	7,330	7,340			22,000	7,600	22,000	32,000	450	1,390	2,400	2.20	6.20	10.60	4.64
	7	7	9			23	7,610	7,610	9,780			25,000	7,600	25,000	37,000	450	1,560	2,920	2.20	6.90	13.00	4.70
	7	7	12			26	7,270	7,270	12,460			27,000	7,600	27,000	42,000	450	1,800	3,440	2.20	8.00	15.30	4.40
	7	7	15			29	6,900	6,900	14,800			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	7	7	18			32	6,260	6,260	16,080			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	7	7	24			38	5,270	5,270	18,060			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	7	9	9			25	7,000	9,000	9,000			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	9	12			28	7,150	9,190	12,260			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	7	9	15			31	6,460	8,300	13,840			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	7	9	18			34	5,890	7,570	15,140			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	7	9	24			40	5,010	6,440	17,150			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	7	12	12			31	6,460	11,070	11,070			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	7	12	15			34	5,890	10,090	12,620			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	7	12	18			37	5,410	9,280	13,910			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	7	15	15			37	5,420	11,590	11,590			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	7	15	18			40	5,010	10,730	12,860			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	9	9	9			27	9,330	9,330	9,340			28,000	7,600	28,000	42,000	450	2,000	3,440	2.20	8.90	15.30	4.10
	9	9	12			30	8,580	8,580	11,440			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	9	9	15			33	7,800	7,800	13,000			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	9	9	18			36	7,150	7,150	14,300			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	9	12	12			33	7,800	10,400	10,400			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	9	12	15			36	7,150	9,530	11,920			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	9	12	18			39	6,600	8,800	13,200			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	9	15	15			39	6,600	11,000	11,000			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	12	12	12			36	9,530	9,530	9,540			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	12	12	15			39	8,800	8,800	11,000			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76

MULTI-ZONE SYSTEM COMBINATIONS

MMLD030S6M-1P

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
4	7	7	7	7		28	7,150	7,150	7,150	7,150		28,600	7,600	28,600	47,000	450	2,100	3,570	2.20	9.30	15.80	3.99
	7	7	7	9		30	6,670	6,670	6,670	8,590		28,600	7,600	28,600	50,800	450	2,100	4,090	2.20	9.30	18.10	3.99
	7	7	7	12		33	6,070	6,070	6,070	10,390		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	7	7	15		36	5,560	5,560	5,560	11,920		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	7	7	18		39	5,130	5,130	5,130	13,210		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	7	9	9		32	6,260	6,260	8,040	8,040		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	4.00
	7	7	9	12		35	5,720	5,720	7,350	9,810		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	7	9	15		38	5,270	5,270	6,770	11,290		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	7	12	12		38	5,270	5,270	9,030	9,030		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	9	9	9		34	5,890	7,570	7,570	7,570		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	9	9	12		37	5,410	6,960	6,960	9,270		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	9	9	15		40	5,010	6,440	6,440	10,710		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	7	9	12	12		40	5,000	6,440	8,580	8,580		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	3.99
	9	9	9	9		36	7,150	7,150	7,150	7,150		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	4.00
	9	9	9	12		39	6,600	6,600	6,600	8,800		28,600	7,600	28,600	54,500	450	2,100	4,600	2.20	9.30	20.40	4.00

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 40.
- At least two indoor units must be connected for operation.
- Also, Refer to the table for combinations that include non-duct and Medium Static Concealed Ducted indoor units.

MULTI-ZONE SYSTEM COMBINATIONS

MMLD036S6M-1P

Cooling (Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	9	9				18	9,000	9,000				18,000	9,000	18,000	24,000	656	1,350	2,000	3.10	6.00	8.90	13.33
	9	12				21	9,000	12,000				21,000	9,000	21,000	27,000	657	1,560	2,320	3.10	6.90	10.30	13.46
	9	15				24	9,000	15,000				24,000	9,000	24,000	30,000	658	1,870	2,740	3.10	8.30	12.20	12.83
	9	18				27	8,330	16,670				25,000	9,000	25,000	33,000	659	1,880	2,800	3.20	8.30	12.40	13.30
	9	24				33	7,280	19,420				26,700	9,000	26,700	36,000	658	2,100	3,140	3.10	9.30	13.90	12.71
	12	12				24	12,000	12,000				24,000	9,000	24,000	30,000	661	1,770	2,740	3.20	7.90	12.20	13.56
	12	15				27	11,110	13,890				25,000	9,000	25,000	33,000	658	1,880	2,800	3.10	8.30	12.40	13.30
	12	18				30	10,000	15,000				25,000	9,000	25,000	33,000	663	1,880	2,800	3.20	8.30	12.40	13.30
	12	24				36	9,470	18,930				28,400	9,000	28,400	38,500	658	2,300	3,470	3.10	10.20	15.40	12.35
	15	15				30	12,500	12,500				25,000	9,000	25,000	33,000	663	1,880	2,800	3.20	8.30	12.40	13.30
	15	18				33	12,140	14,560				26,700	9,000	26,700	36,000	658	2,100	3,140	3.10	9.30	13.90	12.71
	18	18				36	14,200	14,200				28,400	9,000	28,400	38,500	668	2,300	3,470	3.20	10.20	15.40	12.35
3	9	9	9			27	9,000	9,000	9,000			27,000	9,500	27,000	34,000	600	2,300	2,900	2.90	10.20	12.90	11.74
	9	9	12			30	9,000	9,000	12,000			30,000	9,500	30,000	34,000	600	2,560	2,900	2.90	11.40	12.90	11.72
	9	9	15			33	9,000	9,000	15,000			33,000	9,500	33,000	37,000	600	2,820	3,240	2.90	12.50	14.40	11.70
	9	9	18			36	8,500	8,500	17,000			34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	9	12	12			33	9,000	12,000	12,000			33,000	9,500	33,000	37,000	600	2,820	3,240	2.90	12.50	14.40	11.70
	9	12	15			36	8,500	11,330	14,170			34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	9	12	18			39	7,850	10,460	15,690			34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	9	18	18			45	6,800	13,600	13,600			34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	12	12	12			36	11,330	11,330	11,340			34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	12	12	18			42	9,710	9,710	14,580			34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	12	18	18			48	8,500	12,750	12,750			34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	9	9	9	9		36	8,500	8,500	8,500	8,500		34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
4	9	9	9	12		39	7,850	7,850	7,850	10,450		34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	9	9	9	18		45	6,800	6,800	6,800	13,600		34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	9	9	12	12		42	7,290	7,290	9,710	9,710		34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	9	9	12	18		48	6,380	6,380	8,500	12,740		34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	9	12	12	12		45	6,790	9,070	9,070	9,070		34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70
	12	12	12	12		48	8,500	8,500	8,500	8,500		34,000	9,500	34,000	39,600	600	2,905	3,570	2.90	12.90	15.80	11.70

MULTI-ZONE SYSTEM COMBINATIONS

MMLD036S6M-1P

Heating (Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	9	9				18	10,900	10,900				21,800	7,600	21,800	30,000	450	2,210	3,000	2.20	9.80	13.30	2.89
	9	12				21	9,430	12,570				22,000	7,600	22,000	34,000	450	2,230	3,220	2.20	9.90	14.30	2.89
	9	15				24	9,380	15,620				25,000	7,600	25,000	36,000	451	2,360	3,440	2.20	10.50	15.30	3.10
	9	18				27	8,330	16,670				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
	9	24				33	7,310	19,490				26,800	7,600	26,800	40,000	450	2,460	4,500	2.20	10.90	20.00	3.19
	12	12				24	12,500	12,500				25,000	7,600	25,000	36,000	450	2,360	3,440	2.20	10.50	15.30	3.10
	12	15				27	11,110	13,890				25,000	7,600	25,000	37,000	451	2,360	3,560	2.20	10.50	15.80	3.10
	12	18				30	10,000	15,000				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
	12	24				36	9,530	19,070				28,600	7,600	28,600	42,000	451	2,550	4,800	2.20	11.30	21.30	3.29
	15	15				30	12,500	12,500				25,000	7,600	25,000	37,000	450	2,360	3,560	2.20	10.50	15.80	3.10
	15	18				33	12,180	14,620				26,800	7,600	26,800	40,000	450	2,460	4,500	2.20	10.90	20.00	3.19
	18	18				36	14,300	14,300				28,600	7,600	28,600	42,000	450	2,550	4,800	2.20	11.30	21.30	3.29
3	9	9	9			27	10,900	10,900	10,900			32,700	7,600	32,700	45,000	450	2,790	4,900	2.20	12.40	21.70	3.44
	9	9	12			30	10,380	10,380	13,840			34,600	7,600	34,600	45,000	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	9	15			33	9,440	9,440	15,720			34,600	7,600	34,600	50,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	9	18			36	8,650	8,650	17,300			34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	12	12			33	9,440	12,580	12,580			34,600	7,600	34,600	50,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	12	15			36	8,650	11,530	14,420			34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	12	18			39	7,980	10,650	15,970			34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	18	18			45	6,920	13,840	13,840			34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	12	12	12			36	11,530	11,530	11,540			34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	12	12	18			42	9,890	9,890	14,820			34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	12	18	18			48	8,640	12,980	12,980			34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	12	18	18			48	8,640	12,980	12,980			34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
4	9	9	9	9		36	8,650	8,650	8,650	8,650		34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	9	9	12		39	7,980	7,980	7,980	10,660		34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	9	9	18		45	6,920	6,920	6,920	13,840		34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	9	12	12		42	7,410	7,410	9,890	9,890		34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	9	12	18		48	6,490	6,490	8,650	12,970		34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	9	12	12	12		45	6,910	9,230	9,230	9,230		34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60
	12	12	12	12		48	8,650	8,650	8,650	8,650		34,600	7,600	34,600	53,500	450	2,820	4,900	2.20	12.50	21.70	3.60

NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 48.
- At least two indoor units must be connected for operation.
- If MDDD***M6-1P or MMD***M6-1P is included in the combination, the combination criteria noted must be followed.

MULTI-ZONE SYSTEM COMBINATIONS

MMLD036S6M-1P

Cooling (Non Ducted)

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	7	7				14	7,000	7,000				14,000	9,000	14,000	21,000	650	1,140	1,500	3.10	5.10	6.70	12.28
	7	9				16	7,000	9,000				16,000	9,000	16,000	23,000	651	1,250	1,700	3.10	5.50	7.50	12.80
	7	12				19	7,000	12,000				19,000	9,000	19,000	26,000	652	1,460	2,100	3.10	6.50	9.30	13.01
	7	15				22	7,000	15,000				22,000	9,000	22,000	30,000	653	1,670	2,630	3.10	7.40	11.70	13.17
	7	18				25	7,000	18,000				25,000	9,000	25,000	30,000	654	1,800	2,630	3.10	8.00	11.70	13.89
	7	24				31	6,410	21,990				28,400	9,000	28,400	33,000	655	2,360	3,100	3.10	10.50	13.80	12.03
	9	9				18	9,000	9,000				18,000	9,000	18,000	24,500	656	1,350	1,950	3.10	6.00	8.70	13.33
	9	12				21	9,000	12,000				21,000	9,000	21,000	28,000	657	1,560	2,400	3.10	6.90	10.60	13.46
	9	15				24	9,000	15,000				24,000	9,000	24,000	30,000	658	1,770	2,630	3.10	7.90	11.70	13.56
	9	18				27	8,330	16,670				25,000	9,000	25,000	33,000	659	1,950	2,740	3.20	8.70	12.20	12.82
	9	24				33	7,750	20,650				28,400	9,000	28,400	33,000	660	2,360	3,100	3.20	10.50	13.80	12.03
	12	12				24	12,000	12,000				24,000	9,000	24,000	30,000	661	1,770	2,630	3.20	7.90	11.70	13.56
	12	15				27	11,110	13,890				25,000	9,000	25,000	33,000	662	1,950	2,740	3.20	8.70	12.20	12.82
	12	18				30	10,000	15,000				25,000	9,000	25,000	33,000	663	1,950	3,000	3.20	8.70	13.30	12.82
	12	24				36	9,470	18,930				28,400	9,000	28,400	34,000	664	2,420	3,200	3.20	10.70	14.20	11.74
	15	15				30	12,500	12,500				25,000	9,000	25,000	33,000	665	1,950	3,000	3.20	8.70	13.30	12.82
	15	18				33	12,910	15,490				28,400	9,000	28,400	33,000	666	2,360	3,100	3.20	10.50	13.80	12.03
	15	24				39	10,920	17,480				28,400	9,000	28,400	34,000	667	2,420	3,200	3.20	10.70	14.20	11.74
	18	18				36	14,200	14,200				28,400	9,000	28,400	34,000	667	2,420	3,200	3.20	10.70	14.20	11.74
	18	24				42	14,570	19,430				34,000	9,000	34,000	40,000	667	2,900	3,500	3.20	12.90	15.50	11.72
	24	24				48	17,000	17,000				34,000	9,000	34,000	40,000	667	2,900	3,500	3.20	12.90	15.50	11.72
3	7	7	7			21	7,000	7,000	7,000			21,000	9,500	21,000	30,000	600	1,400	2,200	2.90	6.20	9.80	15.00
	7	7	9			23	7,000	7,000	9,000			23,000	9,500	23,000	32,000	600	1,560	2,540	2.90	6.90	11.30	14.74
	7	7	12			26	7,000	7,000	12,000			26,000	9,500	26,000	34,000	600	1,850	2,740	2.90	8.20	12.20	14.05
	7	7	15			29	6,860	6,860	14,680			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	7	18			32	6,210	6,210	15,980			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	7	24			38	5,230	5,230	17,940			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	7	9	9			25	7,000	9,000	9,000			25,000	9,500	25,000	34,000	600	1,720	2,740	2.90	7.60	12.20	14.55
	7	9	12			28	7,000	9,000	12,000			28,000	9,500	28,000	34,000	600	2,240	2,740	2.90	9.90	12.20	12.50
	7	9	15			31	6,410	8,250	13,740			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	9	18			34	5,850	7,520	15,030			28,400	9,500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	7	9	24			40	4,970	6,390	17,040			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	7	12	12			31	6,420	10,990	10,990			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	7	12	15			34	5,850	10,020	12,530			28,400	9,500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	7	12	18			37	5,370	9,210	13,820			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	7	12	24			43	5,530	9,490	18,980			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	7	15	15			37	5,380	11,510	11,510			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	7	15	18			40	4,970	10,650	12,780			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	7	15	24			46	5,170	11,090	17,740			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	7	18	18			43	5,540	14,230	14,230			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10

MULTI-ZONE SYSTEM COMBINATIONS

MMLD036S6M-1P

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
3	9	9	9			27	9,000	9,000	9,000			27,000	9,500	27,000	34,000	600	1,960	2,740	2.90	8.70	12.20	13.78
	9	9	12			30	8,520	8,520	11,360			28,400	9,500	28,400	34,000	600	2,360	2,740	2.90	10.50	12.20	12.03
	9	9	15			33	7,750	7,750	12,900			28,400	9,500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	9	9	18			36	7,100	7,100	14,200			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	9	9	24			42	7,290	7,290	19,420			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	9	12	12			33	7,740	10,330	10,330			28,400	9,500	28,400	35,000	600	2,360	3,100	2.90	10.50	13.80	12.03
	9	12	15			36	7,100	9,470	11,830			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	9	12	18			39	6,550	8,740	13,110			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	9	12	24			45	6,800	9,070	18,130			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	9	15	15			39	6,560	10,920	10,920			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	9	15	18			42	7,290	12,140	14,570			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	9	15	24			48	6,380	10,620	17,000			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	9	18	18			45	6,800	13,600	13,600			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	12	12	12			36	9,470	9,470	9,460			28,400	9,500	28,400	36,000	600	2,420	3,400	2.90	10.70	15.10	11.74
	12	12	15			39	8,740	8,740	10,920			28,400	9,500	28,400	39,600	600	2,350	3,400	2.90	10.40	15.10	12.09
	12	12	18			42	9,710	9,710	14,580			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	12	12	24			48	8,500	8,500	17,000			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	12	15	15			42	9,720	12,140	12,140			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	12	15	18			45	9,070	11,330	13,600			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	12	18	18			48	8,500	12,750	12,750			34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	15	15	15			45	11,330	11,330	11,340			34,000	9,500	34,000	41,000	600	2,810	3,500	2.90	12.50	15.50	12.10
	15	15	18			48	10,630	10,630	12,740			34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
4	7	7	7	7		28	7,000	7,000	7,000	7,000		28,000	9,500	28,000	36,000	599	2,330	3,000	2.90	10.30	13.30	12.02
	7	7	7	9		30	6,630	6,630	6,630	8,510		28,400	9,500	28,400	39,600	600	2,270	3,400	2.90	10.10	15.10	12.51
	7	7	7	12		33	6,020	6,020	6,020	10,340		28,400	9,500	28,400	39,600	600	2,100	3,400	2.90	9.30	15.10	13.52
	7	7	7	15		36	6,610	6,610	6,610	14,170		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	7	18		39	6,100	6,100	6,100	15,700		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	7	24		45	5,290	5,290	5,290	18,130		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	9	9		32	6,210	6,210	7,990	7,990		28,400	9,500	28,400	39,600	600	2,100	3,400	2.90	9.30	15.10	13.50
	7	7	9	12		35	6,800	6,800	8,740	11,660		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	9	15		38	6,260	6,260	8,060	13,420		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	9	18		41	5,800	5,800	7,470	14,930		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	9	24		47	5,060	5,060	6,520	17,360		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	12	12		38	6,260	6,260	10,740	10,740		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	12	15		41	5,800	5,800	9,960	12,440		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	12	18		44	5,410	5,410	9,270	13,910		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	15	15		44	5,410	5,410	11,590	11,590		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	7	15	18		47	5,060	5,060	10,860	13,020		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	9	9		34	7,000	9,000	9,000	9,000		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	9	12		37	6,430	8,270	8,270	11,030		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	9	15		40	5,950	7,650	7,650	12,750		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	9	18		43	5,530	7,120	7,120	14,230		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	12	12		40	5,950	7,650	10,200	10,200		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	12	15		43	5,530	7,120	9,490	11,860		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	12	18		46	5,170	6,650	8,880	13,300		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	9	15	15		46	5,170	6,650	11,090	11,090		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	12	12	12		43	5,530	9,490	9,490	9,490		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	7	12	12	15		46	5,170	8,870	8,870	11,090		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50

MULTI-ZONE SYSTEM COMBINATIONS

MMLD036S6M-1P

Unit	Indoor Index						Cooling Capacity (btu)						Capacity			Power Consumption			Current			EER
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			btu/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
4	9	9	9	9		36	8,500	8,500	8,500	8,500		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	9	9	12		39	7,850	7,850	7,850	10,450		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	9	9	15		42	7,290	7,290	7,290	12,130		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	9	9	18		45	6,800	6,800	6,800	13,600		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	9	12	12		42	7,290	7,290	9,710	9,710		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	9	12	15		45	6,800	6,800	9,070	11,330		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	9	12	18		48	6,380	6,380	8,500	12,740		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	9	15	15		48	6,380	6,380	10,620	10,620		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	12	12	12		45	6,790	9,070	9,070	9,070		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	9	12	12	15		48	6,380	8,500	8,500	10,620		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50
	12	12	12	12		48	8,500	8,500	8,500	8,500		34,000	9,500	34,000	42,000	600	2,720	3,500	2.90	12.10	15.50	12.50

MULTI-ZONE SYSTEM COMBINATIONS

MMLD036S6M-1P

Heating (Non Ducted)

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	
2	7	7				14	7,500	7,500				15,000	7,600	15,000	27,000	450	1,260	2,180	2.20	5.60	9.70	3.49
	7	9				16	8,050	10,350				18,400	7,600	18,400	30,000	450	1,530	2,420	2.20	6.80	10.70	3.52
	7	12				19	8,030	13,770				21,800	7,600	21,800	32,000	450	1,710	2,800	2.20	7.60	12.40	3.74
	7	15				22	7,950	17,050				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	7	18				25	7,000	18,000				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	7	24				31	6,460	22,140				28,600	7,600	28,600	41,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	9	9				18	10,900	10,900				21,800	7,600	21,800	32,000	450	1,710	2,650	2.20	7.60	11.80	3.74
	9	12				21	10,670	14,230				24,900	7,600	24,900	32,000	450	1,860	2,800	2.20	8.30	12.40	3.92
	9	15				24	9,380	15,620				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	9	18				27	8,330	16,670				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	9	24				33	7,800	20,800				28,600	7,600	28,600	41,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	12	12				24	12,500	12,500				25,000	7,600	25,000	32,000	450	1,880	2,800	2.20	8.30	12.40	3.90
	12	15				27	11,110	13,890				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	12	18				30	10,000	15,000				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	12	24				36	9,530	19,070				28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	15	15				30	12,500	12,500				25,000	7,600	25,000	41,000	450	1,880	3,440	2.20	8.30	15.30	3.90
	15	18				33	13,000	15,600				28,600	7,600	28,600	41,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	15	24				39	11,000	17,600				28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	18	18				36	14,300	14,300				28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	18	24				42	15,690	20,910				36,600	7,600	36,600	48,000	450	2,900	4,600	2.20	12.90	20.40	3.70
	24	24				48	18,300	18,300				36,600	7,600	36,600	48,000	450	2,900	4,600	2.20	12.90	20.40	3.70
3	7	7	7			21	7,330	7,330	7,340			22,000	7,600	22,000	32,000	450	1,390	2,400	2.20	6.20	10.60	4.64
	7	7	9			23	7,610	7,610	9,780			25,000	7,600	25,000	37,000	450	1,560	2,920	2.20	6.90	13.00	4.70
	7	7	12			26	7,270	7,270	12,460			27,000	7,600	27,000	42,000	450	1,800	3,440	2.20	8.00	15.30	4.40
	7	7	15			29	6,900	6,900	14,800			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	7	7	18			32	6,260	6,260	16,080			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	7	7	24			38	5,270	5,270	18,060			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	7	9	9			25	7,000	9,000	9,000			25,000	7,600	25,000	42,000	450	1,560	3,440	2.20	6.90	15.30	4.70
	7	9	12			28	7,150	9,190	12,260			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	7	9	15			31	6,460	8,300	13,840			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	7	9	18			34	5,890	7,570	15,140			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	7	9	24			40	5,010	6,440	17,150			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	7	12	12			31	6,460	11,070	11,070			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	7	12	15			34	5,890	10,090	12,620			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	7	12	18			37	5,410	9,280	13,910			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	7	12	24			43	5,960	10,210	20,430			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	7	15	15			37	5,420	11,590	11,590			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	7	15	18			40	5,010	10,730	12,860			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	7	15	24			46	5,570	11,930	19,100			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	7	18	18			43	5,960	15,320	15,320			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97

MULTI-ZONE SYSTEM COMBINATIONS

MMLD036S6M-1P

Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
3	9	9	9			27	9,330	9,330	9,340			28,000	7,600	28,000	42,000	450	2,000	3,440	2.20	8.90	15.30	4.10
	9	9	12			30	8,580	8,580	11,440			28,600	7,600	28,600	42,000	450	2,200	3,440	2.20	9.80	15.30	3.81
	9	9	15			33	7,800	7,800	13,000			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	9	9	18			36	7,150	7,150	14,300			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	9	9	24			42	7,840	7,840	20,920			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	9	12	12			33	7,800	10,400	10,400			28,600	7,600	28,600	42,000	450	2,260	3,440	2.20	10.00	15.30	3.71
	9	12	15			36	7,150	9,530	11,920			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	9	12	18			39	6,600	8,800	13,200			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	9	12	24			45	7,320	9,760	19,520			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	9	15	15			39	6,600	11,000	11,000			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	9	15	18			42	7,840	13,070	15,690			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	9	15	24			48	6,860	11,440	18,300			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	9	18	18			45	7,320	14,640	14,640			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	12	12	12			36	9,530	9,530	9,540			28,600	7,600	28,600	47,000	450	2,330	4,500	2.20	10.30	20.00	3.60
	12	12	15			39	8,800	8,800	11,000			28,600	7,600	28,600	50,800	450	2,230	4,600	2.20	9.90	20.40	3.76
	12	12	18			42	10,460	10,460	15,680			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	12	12	24			48	9,150	9,150	18,300			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	12	15	15			42	10,460	13,070	13,070			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	12	15	18			45	9,760	12,200	14,640			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	12	18	18			48	9,140	13,730	13,730			36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	15	15	15			45	12,200	12,200	12,200			36,600	7,600	36,600	53,500	450	2,700	4,600	2.20	12.00	20.40	3.97
	15	15	18			48	11,440	11,440	13,720			36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
4	7	7	7	7		28	7,500	7,500	7,500	7,500		30,000	7,600	30,000	47,000	450	2,100	3,570	2.20	9.30	15.80	4.19
	7	7	7	9		30	7,790	7,790	7,790	10,030		33,400	7,600	33,400	50,800	450	2,330	4,090	2.20	10.30	18.10	4.20
	7	7	7	12		33	7,760	7,760	7,760	13,320		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	7	15		36	7,120	7,120	7,120	15,240		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	7	18		39	6,570	6,570	6,570	16,890		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	7	24		45	5,690	5,690	5,690	19,530		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	9	9		32	8,010	8,010	10,290	10,290		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	9	12		35	7,320	7,320	9,410	12,550		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	9	15		38	6,740	6,740	8,670	14,450		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	9	18		41	6,250	6,250	8,030	16,070		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	9	24		47	5,450	5,450	7,010	18,690		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	12	12		38	6,740	6,740	11,560	11,560		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	12	15		41	6,250	6,250	10,710	13,390		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	12	18		44	5,830	5,820	9,980	14,970		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	15	15		44	5,820	5,820	12,480	12,480		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	7	15	18		47	5,450	5,450	11,680	14,020		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	9	9		34	7,530	9,690	9,690	9,690		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	9	12		37	6,930	8,900	8,900	11,870		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	9	15		40	6,410	8,240	8,240	13,710		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	9	18		43	5,960	7,660	7,660	15,320		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	12	12		40	6,400	8,240	10,980	10,980		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	12	15		43	5,960	7,660	10,210	12,770		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	12	18		46	5,570	7,160	9,550	14,320		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	9	15	15		46	5,580	7,160	11,930	11,930		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	12	12	12		43	5,970	10,210	10,210	10,210		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	7	12	12	15		46	5,570	9,550	9,550	11,930		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21

MULTI-ZONE SYSTEM COMBINATIONS

MMLD036S6M-1P

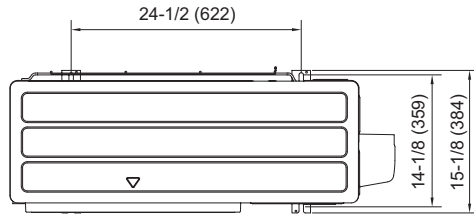
Unit	Indoor Index						Heating Capacity (btu)						Capacity			Power Consumption			Current			COP
	A	B	C	D	E	TTL	A	B	C	D	E	TTL	btu			W			A			W/W
													MIN	Rated	MAX	MIN	Rated	MAX	MIN	Rated	MAX	Rated
4	9	9	9	9		36	9,150	9,150	9,150	9,150		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	9	9	12		39	8,450	8,450	8,450	11,250		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	9	9	15		42	7,840	7,840	7,840	13,080		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	9	9	18		45	7,320	7,320	7,320	14,640		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	9	12	12		42	7,840	7,840	10,460	10,460		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	9	12	15		45	7,320	7,320	9,760	12,200		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	9	12	18		48	6,860	6,860	9,150	13,730		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	9	15	15		48	6,860	6,860	11,440	11,440		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	12	12	12		45	7,320	9,760	9,760	9,760		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	9	12	12	15		48	6,860	9,150	9,150	11,440		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21
	12	12	12	12		48	9,150	9,150	9,150	9,150		36,600	7,600	36,600	54,500	450	2,550	4,600	2.20	11.30	20.40	4.21



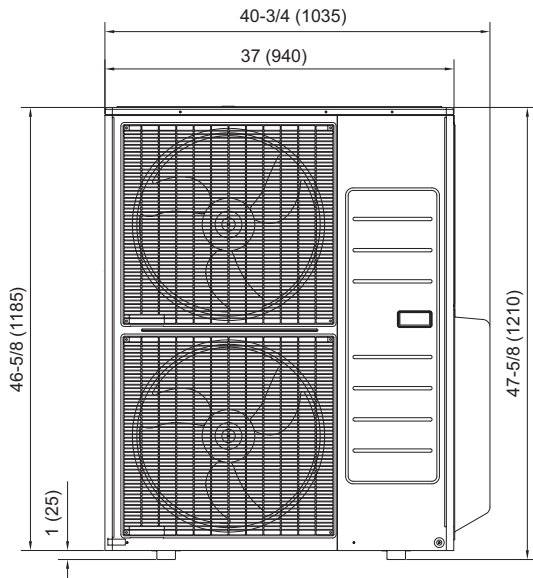
NOTE

- Cooling capacity is based on 80°FDB(26.7°CDB) / 80°FDB(19.4°CWB) (indoor temperature), 95°FDB(35°CDB) (outdoor temperature).
- Heating capacity is based on 70°FDB(21.1°CDB) (indoor temperature), 47°FDB(8.33°CDB) / 43°FDB(6.11°CWB) (outdoor temperature).
- Capacities are based on the following conditions:
- Corresponding refrigerant piping length : 24.6ft(7.5m) / - Level difference : 0m
- The total combination Index of connected a indoor unit is up to 48.
- At least two indoor units must be connected for operation.
- Also, Refer to the table for combinations that include non-duct and Medium Static Concealed Ducted indoor units.

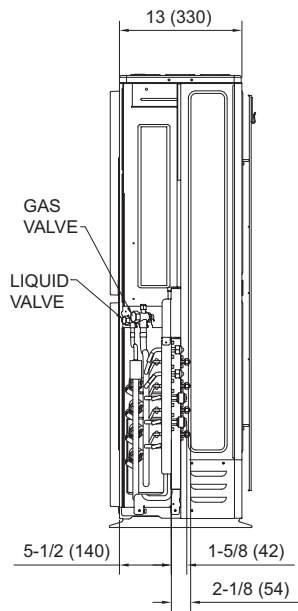
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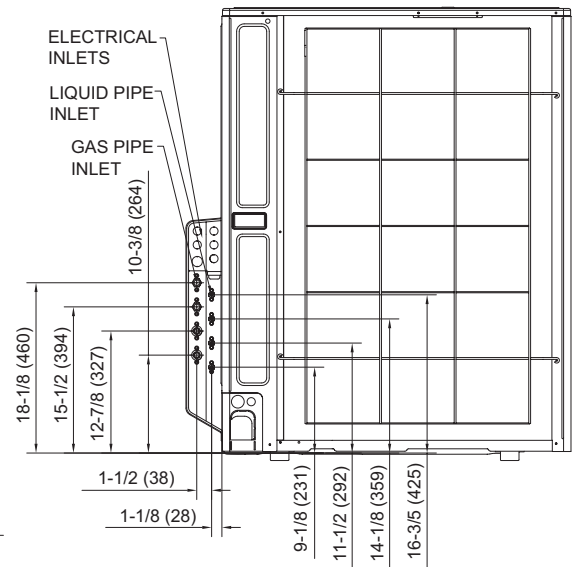
TOP VIEW



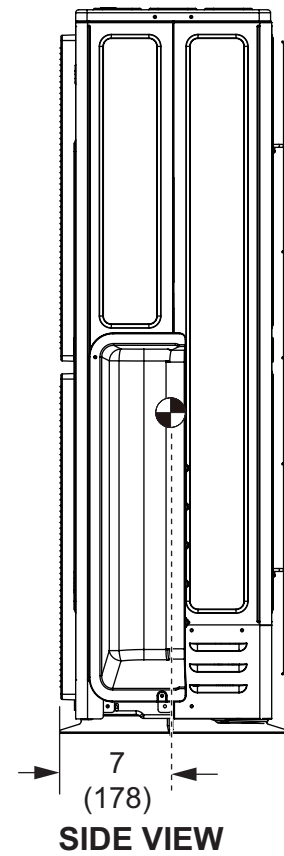
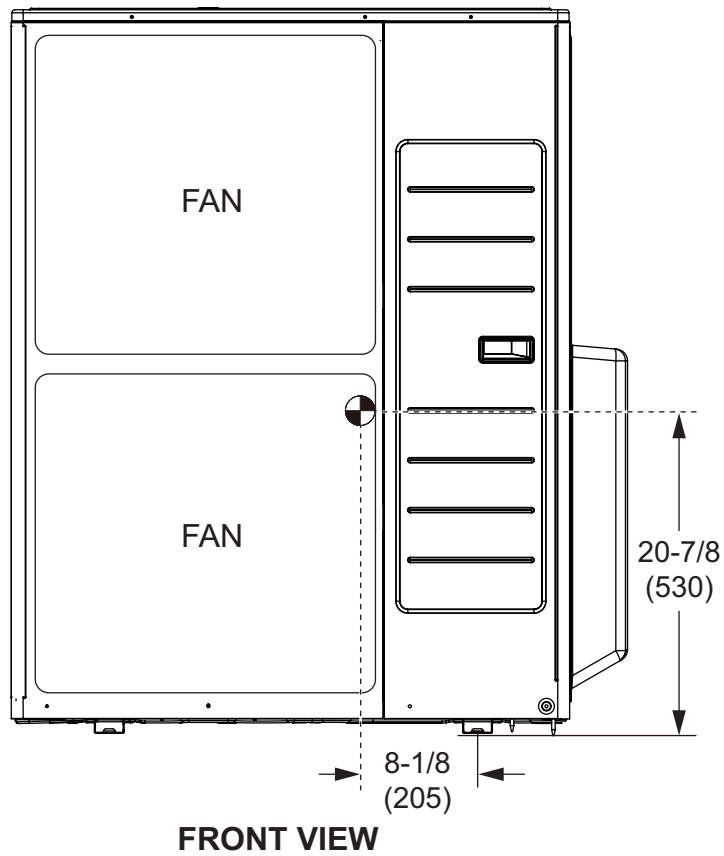
FRONT VIEW

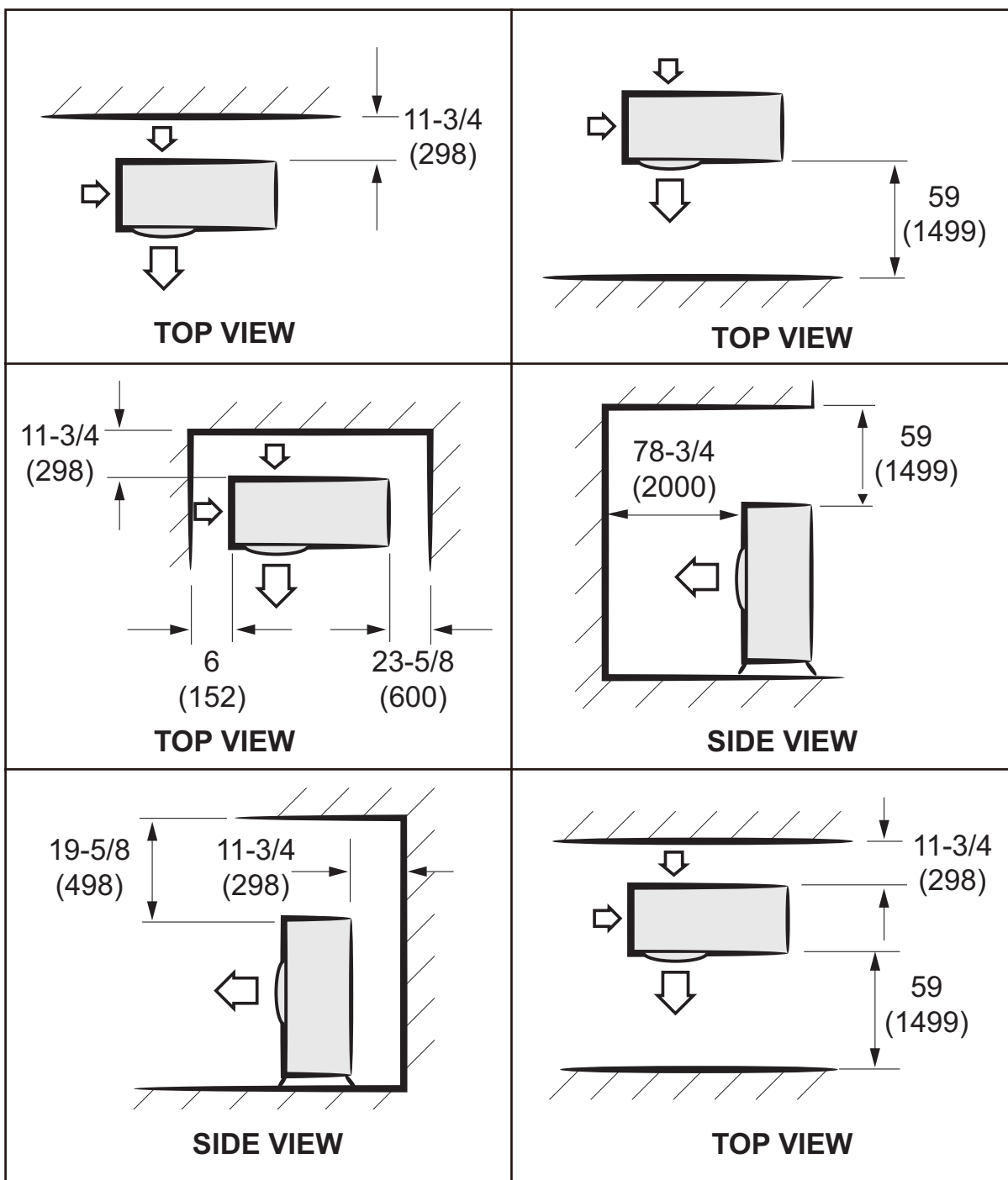


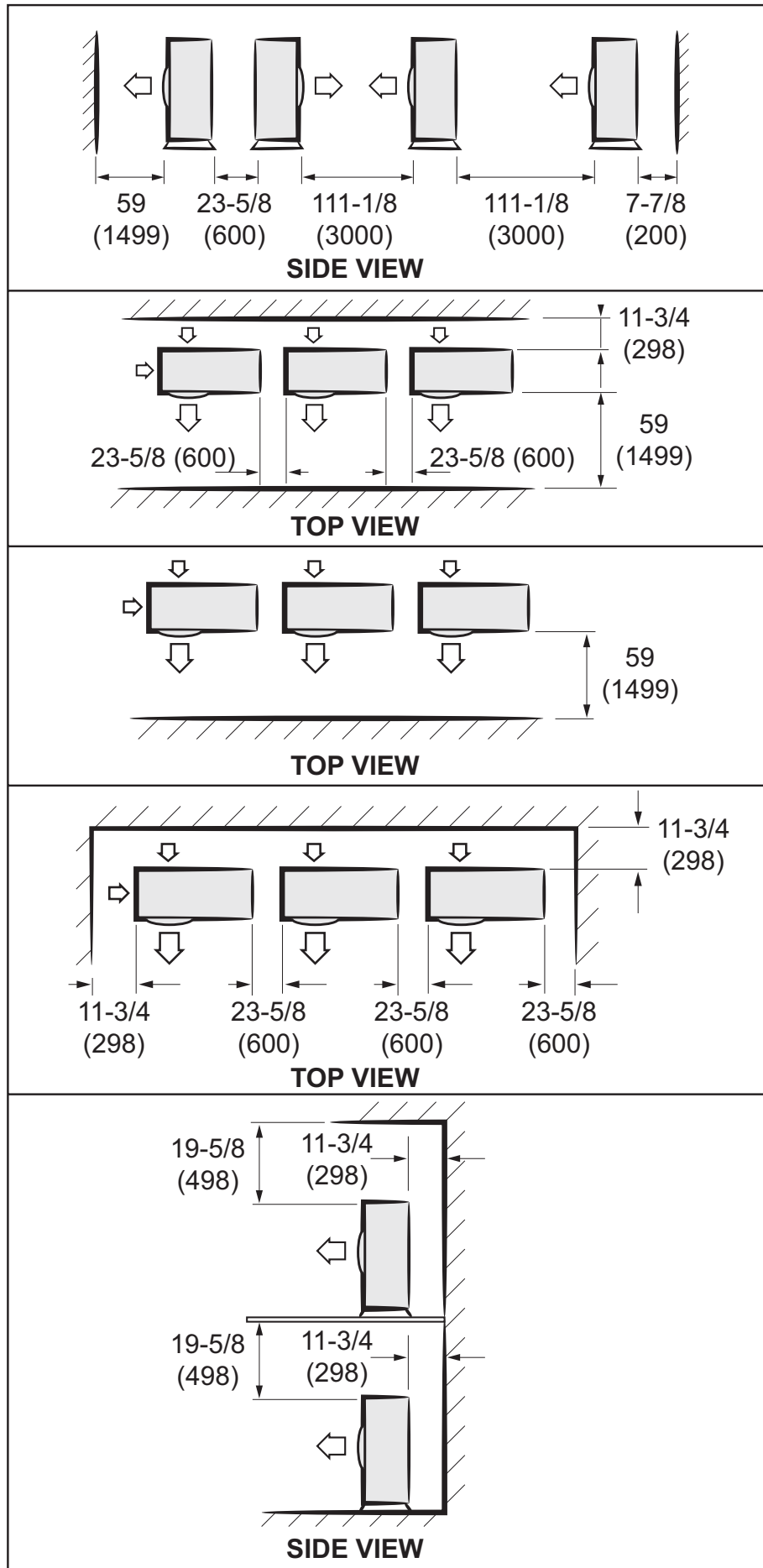
SIDE VIEW



BACK VIEW

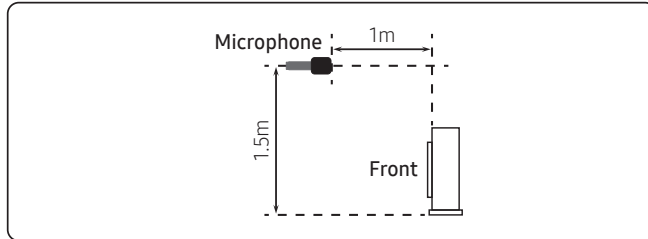






Sound Pressure level

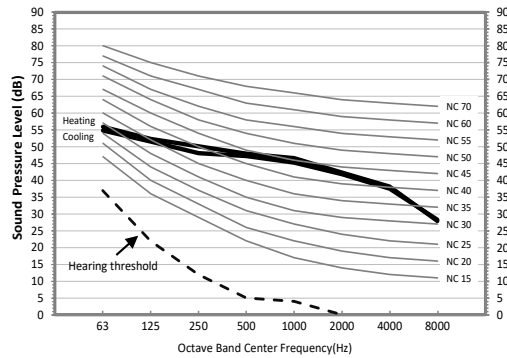
Unit : dB(A)



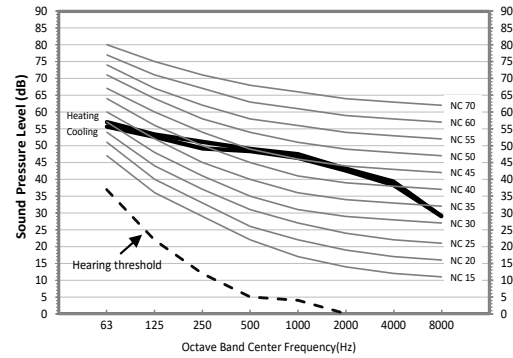
Model	Cooling	Heating
MMLD020S6M-1P	50	51
MMLD024S6M-1P	51	52
MMLD030S6M-1P	52	53
MMLD036S6M-1P	52	53

• NC Curve

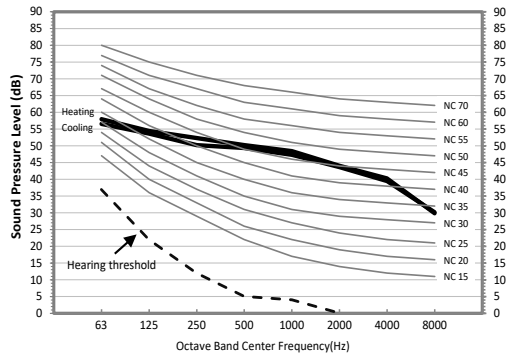
1) MMLD020S6M-1P



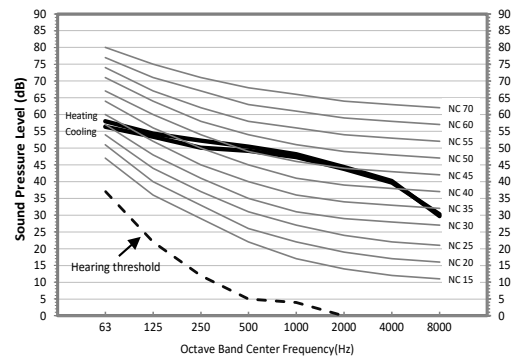
2) MMLD024S6M-1P



3) MMLD030S6M-1P



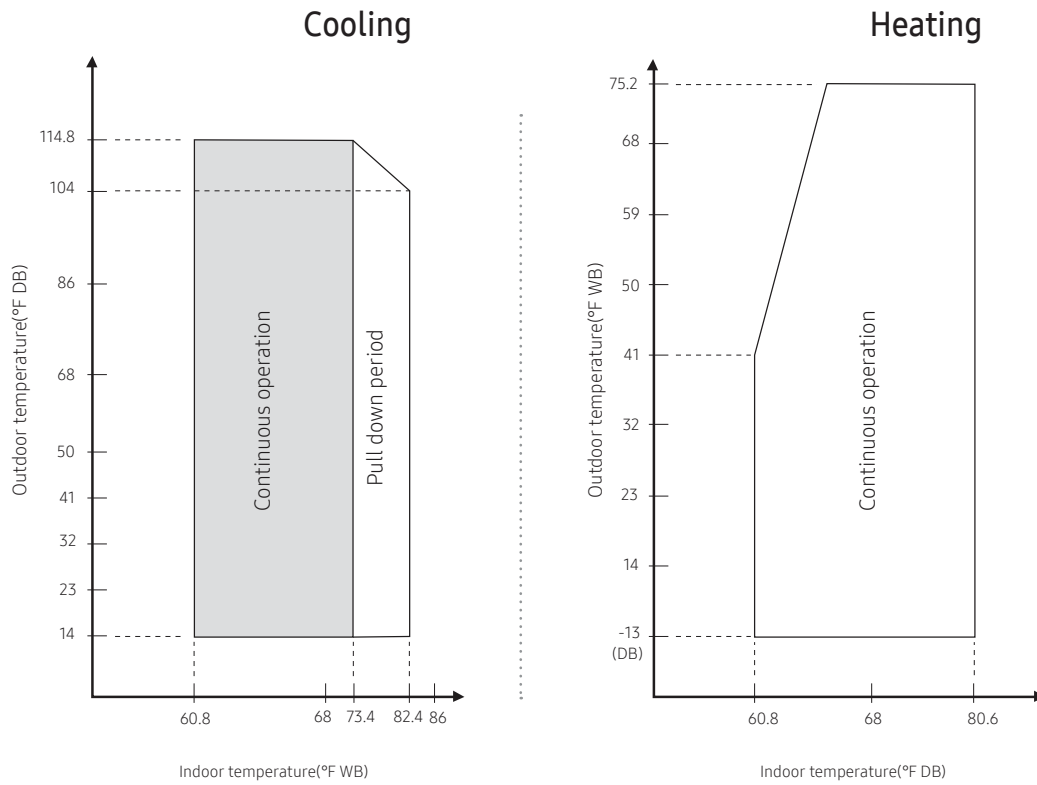
4) MMLD036S6M-1P



NOTE

- Sound Pressure Level
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa

OPERATION RANGE

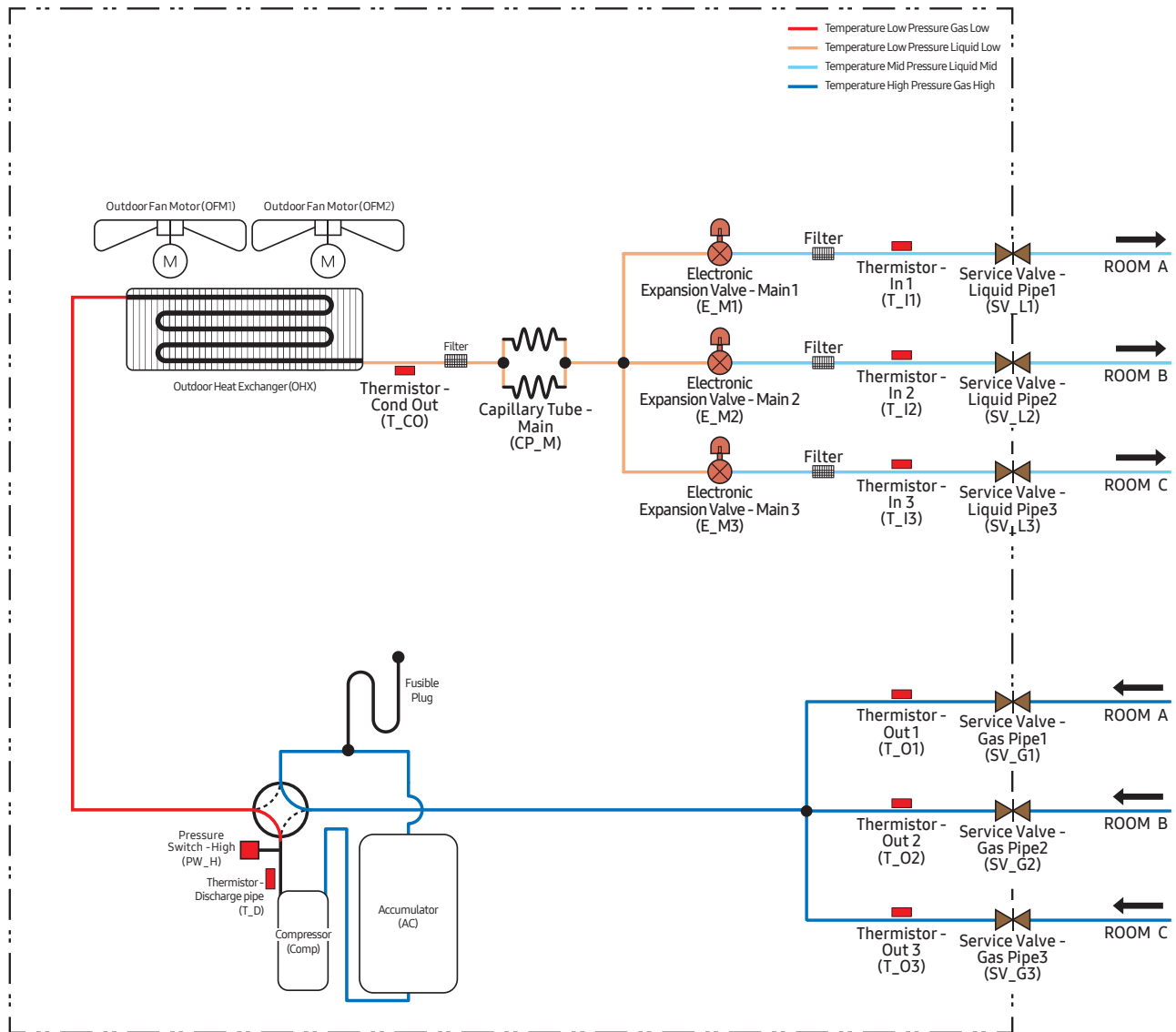


NOTE

- The graphs are based on the following conditions.
 - 1) Equivalent piping length : 7.5m (24.6ft)
 - 2) Level difference 0m (0ft)
 - 3) Air flow rate High

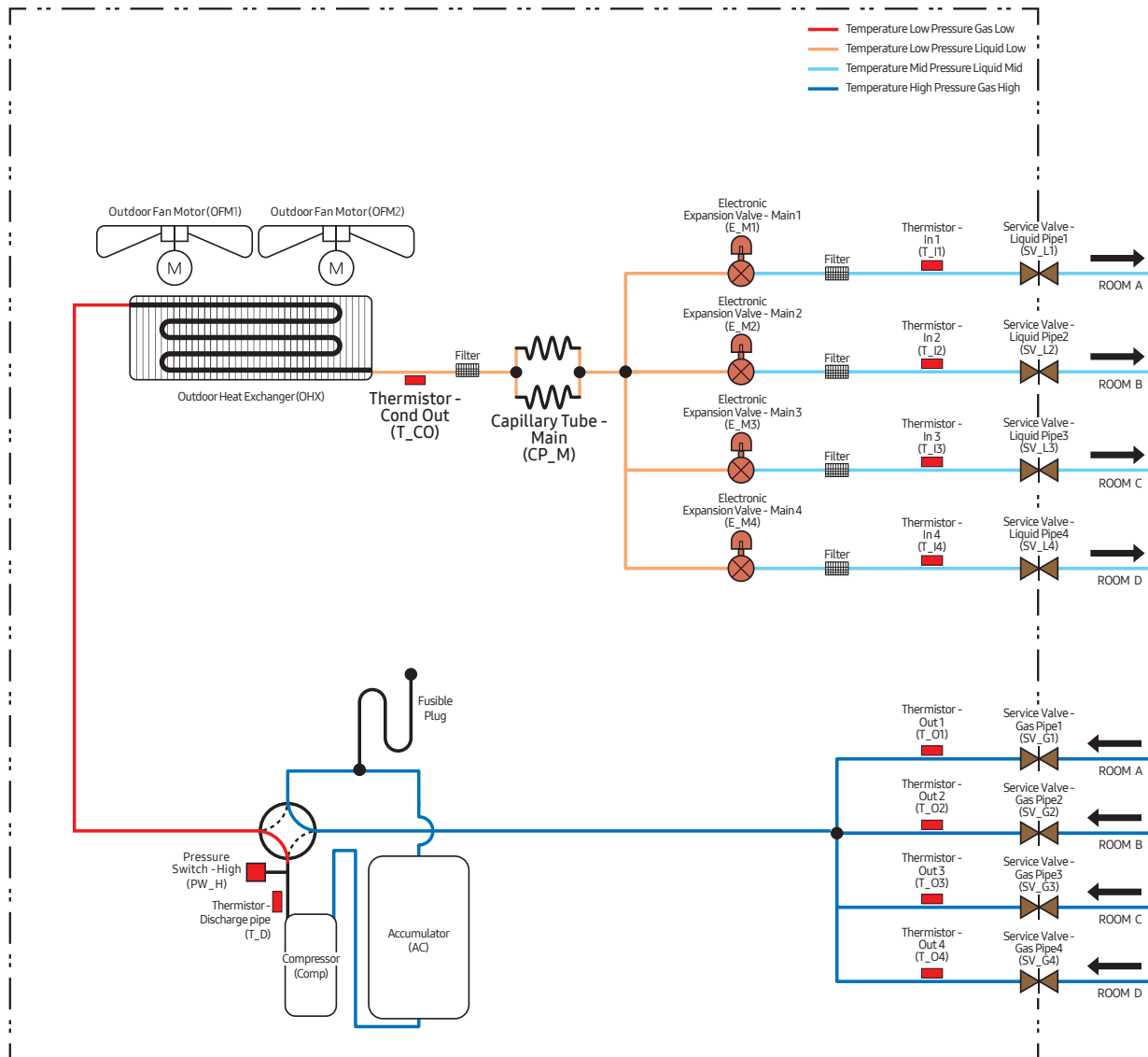
PIPING DIAGRAM

MMLD020S6M-1P



PIPING DIAGRAM

MMLD024S6M-1P, MMLD030S6M-1P, MMLD036S6M-1P



REVISIONS

Sections	Description of Change
Optional Accessories	Disconnect and Whips usage updated.



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