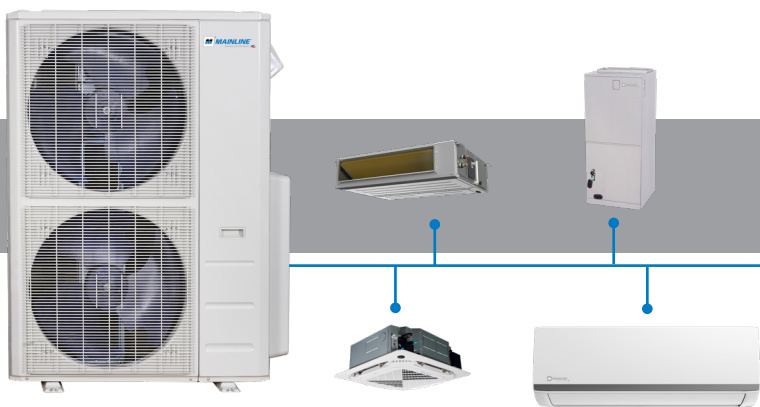




WELCOME TO MAINLINE® HIGH-EFFICIENCY SOLUTIONS



Ultra Heat Multi Zone

*Your Guide to Comfort,
Efficiency, and Affordability*

PART OF A TRUSTED HERITAGE

Powered by Innovation, Grounded in Tradition Since 1858.

MAINLINEHVAC.CA



Key features & benefits of the Mainline® heatpumps

EXCEPTIONAL COLD CLIMATE PERFORMANCE



Equipped with advanced inverter compressor, the Ultra Heat multi-zone continues to deliver heating even at extreme temperatures as low as -22°F/-30°C. Enjoy reliable, efficient comfort no matter how harsh the winter gets.

WHISPER-QUIET OPERATION



Powered by state-of-the-art inverter technology and components built for extreme climates, the Ultra Heat multizone ensures silent operation. Say goodbye to noisy outdoor units and hello to peaceful comfort.

PROVEN RELIABILITY IN ANY CLIMATE



Built with top-grade, certified components, the Ultra Heat multizone is engineered to thrive in the toughest conditions. Count on consistent performance year-round, from blazing Phoenix summers to freezing Winnipeg winters.

SPACE-SAVING COMPACT DESIGN



Featuring a sleek side-discharge outdoor unit, the Ultra Heat multizone is perfect for smaller lots or yards where space is at a premium. Enjoy powerful performance without compromising your outdoor aesthetics.

INDUSTRY-LEADING EFFICIENCY



With superior heating and cooling efficiencies, the Ultra Heat multizone helps reduce your carbon footprint and utility bills. It's the perfect system for homeowners looking to decarbonize their homes cost-effectively.

ECO-FRIENDLY



R-454B is an eco-friendly refrigerant with a lower global warming potential (GWP) than traditional refrigerants like R-410A. It offers higher energy efficiency while reducing electricity consumption, carbon emissions, and is non-ozone depleting making it a sustainable choice. Its use helps meet new environmental regulations while maintaining reliable HVAC performance.

EXCLUSIVE CERTIFIED INSTALLERS FOR PEACE OF MIND



Only certified HVAC professionals have access to Mainline systems, ensuring proper installation for optimal performance and long-lasting durability. Rest easy knowing your investment is in expert hands.

10-YEAR LIMITED WARRANTY



Backed by a decade of coverage on parts and components, the Ultra Heat multizone offers homeowners confidence and protection for years to come.

YOUR PARTNER IN COMFORT AND AFFORDABILITY



Designed to deliver premium performance at a fair price, Mainline ensures homeowners get the best value without compromise. Enjoy top-tier technology without paying for inflated branding costs.

PART OF A TRUSTED HERITAGE



Backed by Hajoca and EMCO Corporation's 160+ years of HVAC expertise, the Ultra Heat multizone combines cutting-edge technology with a legacy of reliability, ensuring your home stays comfortable season after season.

ULTRA HEAT MULTI-ZONE



- Up to 21.5 SEER2 / 11.3 HSPF2 (With Non-Ducted Indoor Units)
- Up to 20.4 SEER2 / 11 HSPF2 (With Ducted Indoor Units)
- Cooling Operating Range -22 to 122°F (-30 to 50°C)
- Heating Operating Range -22 to 75°F (-30 to 24°C)
- Eco-friendly R454B refrigerant

System Ratings		ML18HP230MULH-O	ML27HP230MULH-O	ML36HP230MULH-O	ML48HP230MULH-O	ML55HP230MULH-O
Number of Indoor Units (Min. / Max.)	-	2 / 3	2 / 4	2 / 5	2 / 6	2 / 6
Indoor Unit Connected Capacity	-	66 - 150%				
With Non-Ducted Indoor Units						
SEER2	Btu/h/W	21	21	21.5	21.2	21.4
EER2	Btu/h/W	13	12	12.2	12	12
HSPF2-4 / HSPF2-5 (Climate Region)	Btu/h/W	10 / 7.5	10 / 8.1	11.3 / 9.2	10.2 / 8.4	10.6 / 8.5
COP	W/W	3.9	3.6	3.9	3.6	3.4
Energy Star®	-	Yes	Yes	Yes	Yes	Yes
Rated Cooling Capacity @ 95°F / 35°C	Btu/h	19,000	27,000	36,000	45,000	51,000
Cooling Capacity Range	Btu/h	5,400 - 27,600	7,200 - 33,000	9,000 - 42,000	12,000 - 55,000	19,000 - 58,000
Cooling Input	Watts	1,460	2,250	2,950	3,750	4,250
Cooling Current	Amps	6.5	10	13.2	16.8	18.7
Rated Heating Capacity @ 47°F / 8°C	Btu/h	20,000	27,000	36,000	49,000	55,000
Rated Heating Capacity @ 17°F / -8°C	Btu/h	16,400	23,600	36,600	40,500	45,000
Heating Capacity Range	Btu/h	5,700 - 25,400	8,400 - 32,000	10,000 - 44,000	13,000 - 55,000	20,000 - 56,000
Heating Input	Watts	1,503	2,198	2,705	3,989	4,741
Heating Current	Amps	6.8	10	12.4	18	21.2
With Ducted Indoor Units						
SEER2	Btu/h/W	20	19	19.4	20.4	20
EER2	Btu/h/W	13	12	12	11.7	11.7
HSPF2-4 / HSPF2-5 (Climate Region)	Btu/h/W	10 / 8	9.5 / 7.7	10.4 / 8.8	11 / 9	10.7 / 8.8
COP	W/W	4	3.6	3.8	3.5	3.7
Energy Star®	-	Yes	Yes	Yes	Yes	Yes
Rated Cooling Capacity @ 95°F / 35°C	Btu/h	19,000	28,000	36,000	47,000	53,000
Cooling Capacity Range	Btu/h	5,400 - 27,600	7,200 - 38,000	9,000 - 42,000	12,000 - 57,000	19,000 - 60,000
Cooling Input	Watts	1,460	2,333	3,000	4,020	4,530
Cooling Current	Amps	7.5	10.5	13.4	17.9	21
Rated Heating Capacity @ 47°F / 8°C	Btu/h	20,000	28,000	36,000	48,000	55,000
Rated Heating Capacity @ 17°F / -8°C	Btu/h	17,000	23,000	33,000	44,500	45,000
Heating Capacity Range	Btu/h	5,700 - 25,400	8,400 - 38,500	10,000 - 45,000	13,000 - 60,000	20,000 - 61,000
Heating Input	Watts	1,465	2,279	2,776	4,000	4,356
Heating Current	Amps	7.5	10	12.4	17.5	19.5
Outdoor Unit Specifications						
Power Supply	Volts, Hz, Ph	208/230V,60Hz,1Ph (Indoor Unit is powered by Outdoor Unit with the use of a 14/4 Stranded Copper THHN 600V Interconnecting Cable)				
Min. Circuit Amps (MCA)	Amps	17.5	30	37	37	39.5
Max. Overcurrent Protection (MOCP)	Amps	20	35	40	40	40
Fan Motor RLA	Amps	1.2	1.3	2.6	2.5	2.5
Fan Motor Output	Watts	120	120	250	85	85
Compressor Type	-	Inverter Rotary				
Compressor RLA	Amps	9.2	12.1	20.5	27	28
Sound Level	dB(A)	62	61	65	65	65
Metering Device	-	Electronic Expansion Valve (EEV)				
Reversing Valve	-	Energized in Heating				
Coil Type / Coating	-	Copper Coil/Aluminum Fins / Golden Fin Coating (500Hr Salt Spray Rating)				
Refrigerant Type	-	R454B				
Factory Charge	oz / kg	78.31oz / 2.22kg	120.63oz / 3.42kg	134.04oz / 3.8kg	151.68oz / 4.3kg	151.68oz / 4.3kg
Pre-charge Pipe Length	ft / m	73.8ft / 22.5m	98.4ft / 30m	123ft / 37.5m	147.6ft / 45m	147.6ft / 45m
Additional Refrigerant Charge *(1/4")	oz/ft / kg/m	0.16oz/ft / 0.015kg/m *(For 1/4" Liquid Lines)				
Additional Refrigerant Charge *(3/8")	oz/ft / kg/m	0.32oz/ft / 0.03kg/m *(For 3/8" Liquid Lines)				
Outdoor Unit Total Piping Length (Max.)	ft / m	196.8ft / 60m	262.4ft / 80m	262.4ft / 80m	262.4ft / 80m	262.4ft / 80m
Indoor Unit Piping Length (Min. / Max.)	ft / m	10ft (3m) / 98.4ft (30m)	10ft (3m) / 114.8ft (35m)	10ft (3m) / 114.8ft (35m)	10ft (3m) / 114.8ft (35m)	10ft (3m) / 114.8ft (35m)
OU and IU Height Difference (Max.)	ft / m	49.2ft / 15m	49.2ft / 15m	49.2ft / 15m	49.2ft / 15m	49.2ft / 15m
Height Difference Between IUs (Max.)	ft / m	33ft / 10m	33ft / 10m	33ft / 10m	33ft / 10m	33ft / 10m
Refrigerant Lines (Liquid / Gas)	Port A	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"
	Port B	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"
	Port C	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"
	Flared Connection	Port D	-	1/4" / 1/2"	1/4" / 3/8"	1/4" / 3/8"
	Port E	-	-	1/4" / 1/2"	1/4" / 1/2"	1/4" / 1/2"
	Port F	-	-	-	1/4" / 1/2"	1/4" / 1/2"
Control Wiring	AWG	14/4 Stranded Copper THHN 600V (Interconnecting Cable between Indoor and Outdoor Unit)				
Operating Temp. Range (Cooling)	°F / °C	-22 to 122°F / -30 to 50°C				
Operating Temp. Range (Heating)	°F / °C	-22 to 75°F / -30 to 24°C				
Net / Gross Weight	lb	137.35lbs / 148.15lbs	168.43lbs / 179.67lbs	211.86lbs / 244.71lbs	246.47lbs / 276.68lbs	246.47lbs / 276.68lbs
Unit Dimension (WxDxH)	inch	37-4/16" x 16-2/16" x 31-14/16"	37-4/16" x 16-2/16" x 31-14/16"	38-9/16" x 16-5/16" x 38-6/16"	37-8/16" x 16-15/16" x 52-8/16"	37-8/16" x 16-15/16" x 52-8/16"
Package Dimension (WxDxH)	inch	42-15/16" x 19-11/16" x 34-13/16"	42-15/16" x 19-11/16" x 34-13/16"	45-1/16" x 19-11/16" x 42-8/16"	43-2/16" x 19-8/16" x 58-4/16"	43-2/16" x 19-8/16" x 58-4/16"

NEXUS (WALL MOUNT)



- Remote Controller RG10R(M2S) (Included)
- Wired Controller (Optional)
- Wi-Fi (Included)
- Smart Home App (Optional)
- Compatible with Google and Alexa Voice Control (Optional)
- Multi-Function Board (Included)



Indoor Unit		ML06HP230NEX-I	ML09HP230NEX-I	ML12HP230NEX-I	ML18HP230NEX-I	ML24HP230NEX-I	ML33HP230NEX-I
Cooling Capacity	Btu/h	6,000	9,000	12,000	18,000	23,000	33,000
Heating Capacity	Btu/h	7,000	12,000	12,000	18,000	26,000	36,000
Power Supply	Volts, Hz, Ph	208/230V, 60Hz, 1Ph (Indoor Unit is powered by Outdoor Unit with the use of a 14/4 Stranded Copper THHN 600V Interconnecting Cable)					
Min. Circuit Amps (MCA)	Amps	3	3	3	3	3	3
Max. Overcurrent Protection (MOCP)	Amps	15	15	15	15	15	15
Fan Motor Type	-	Brushless DC Fan Motor					
Fan Motor RLA	Amps	0.5	0.5	0.5	0.8	1.3	1.6
Fan Motor Output	Watts	13	13	13	58	58	58
Airflow (Turbo/Hi/Mi/Lo/Si)	CFM	294 / 235 / 177 / 141 / 141	383 / 294 / 194 / 153 / 153	383 / 294 / 194 / 153 / 153	759 / 500 / 441 / 371 / 371	759 / 589 / 459 / 383 / 383	830 / 677 / 530 / 447 / 447
Sound Level (Turbo / Hi / Mi / Lo / Si)	dB(A)	42 / 37 / 32 / 24 / 20	40 / 40 / 33 / 24 / 21	42 / 42 / 36 / 23 / 20	55 / 45 / 40 / 25 / 20	55 / 50 / 44 / 35 / 21	56 / 53 / 47 / 30 / 23
Coil Type / Coating	-	Copper Coil/Aluminum Fins / Golden Fin Coating (500Hr Salt Spray Rating)					
Dehumidification	L/h	0.3	0.6	1.4	1.8	2.6	4.5
Condensate Drain Connection	inch / mm	5/8" O.D. / 16mm O.D.					
Refrigerant Lines (Liquid / Gas)	inch	1/4" / 3/8" Flared Connection	1/4" / 3/8" Flared Connection	1/4" / 3/8" Flared Connection	1/4" / 1/2" Flared Connection	3/8" / 5/8" Flared Connection	3/8" / 5/8" Flared Connection
Air Filter	inch	Washable Air Filter					
Control Wiring	AWG	14/4 Stranded Copper THHN 600V (Interconnecting Cable between Indoor and Outdoor Unit)					
Operating Temp. Setting (Cooling)	°F / °C	60 to 86°F / 16 to 30°C					
Operating Temp. Setting (Heating)	°F / °C	60 to 86°F / 16 to 30°C					
Net / Gross Weight	lb	17.64lbs / 23.15lbs	18.96lbs / 24.25lbs	18.96lbs / 24.25lbs	30.42lbs / 39.68lbs	30.86lbs / 40.56lbs	43.21lbs / 57.32lbs
Unit Dimension (WxDxH)	inch	28-11/16" x 7-14/16" x 11-8/16"	31-9/16" x 7-14/16" x 11-10/16"	31-9/16" x 7-14/16" x 11-10/16"	42-10/16" x 9-3/16" x 13-4/16"	42-10/16" x 9-3/16" x 13-4/16"	49-9/16" x 11-2/16" x 14-4/16"
Package Dimension (WxDxH)	inch	31-2/16" x 10-10/16" x 14-12/16"	34-7/16" x 11-4/16" x 14-15/16"	34-7/16" x 11-4/16" x 14-15/16"	45-8/16" x 12-6/16" x 16-5/16"	45-8/16" x 12-6/16" x 16-5/16"	52-12/16" x 17-11/16" x 15-3/16"

FLOOR CEILING

- Remote Controller RG10L4/M2S (Included)
- Wired Controller (Optional)
- Wi-Fi (Optional)
- Smart Home App (Optional)
- Compatible with Google and Alexa Voice Control (Optional)
- Ceiling-Mounted or Wall/Floor-Standing installation



Indoor Unit		ML18HP230FLO-I	ML24HP230FLO-I
Cooling Capacity	Btu/h	18,000	24,000
Heating Capacity	Btu/h	18,000	24,400
Power Supply	Volts, Hz, Ph	208/230V, 60Hz, 1Ph (Indoor Unit is powered by Outdoor Unit with the use of a 14/4 Stranded Copper THHN 600V Interconnecting Cable)	
Min. Circuit Amps (MCA)	Amps	1.9	2.5
Max. Overcurrent Protection (MOCP)	Amps	15	15
Fan Motor Type	-	Brushless DC Fan Motor	
Fan Motor RLA	Amps	1	1
Fan Motor Output	Watts	90	90
Airflow (Turbo/Hi/Mi/Lo/Si)	CFM	577 / 547 / 486 / 421 / 421	736 / 706 / 606 / 453 / 377
Sound Level (Turbo / Hi / Mi / Lo / Si)	dB(A)	45 / 43 / 40 / 31 / 29	51 / 49 / 45 / 34 / 29
Coil Type / Coating	-	Copper Coil/Aluminum Fins / Golden Fin Coating (500Hr Salt Spray Rating)	
Dehumidification	L/h	1.73	2.73
Condensate Drain Connection	inch / mm	1" O.D. / 25mm O.D.	
Refrigerant Lines (Liquid / Gas)	inch	1/4" / 1/2" Flared Connection	3/8" / 5/8" Flared Connection
Air Filter	inch	Washable Air Filter	
Control Wiring	AWG	14/4 Stranded Copper THHN 600V (Interconnecting Cable between Indoor and Outdoor Unit)	
Operating Temp. Setting (Cooling)	°F / °C	60 to 86°F / 16 to 30°C	
Operating Temp. Setting (Heating)	°F / °C	60 to 86°F / 16 to 30°C	
Net / Gross Weight	lb	58lbs / 71lbs	61lbs / 73lbs
Unit Dimension (WxDxH)	inch	42-1/16" x 26-9/16" x 9-4/16"	42-1/16" x 26-9/16" x 9-4/16"
Package Dimension (WxDxH)	inch	45-1/16" x 29-12/16" x 12-8/16"	45-1/16" x 29-12/16" x 12-8/16"

1-WAY CASSETTE

- Remote Controller RG10L4/M2HS (Included)
- Wired Controller (Optional)
- Wi-Fi (Optional)
- Smart Home App (Optional)
- Compatible with Google and Alexa Voice Control (Optional)
- Factory installed condensate pump
- Unit width under 14"



Indoor Unit		ML06HP2301WYCAS-I	ML09HP2301WYCAS-I	ML12HP2301WYCAS-I	ML18HP2301WYCAS-I
Cooling Capacity	Btu/h	6,500	9,000	12,000	16,700
Heating Capacity	Btu/h	7,400	10,900	12,500	20,000
Power Supply	Volts, Hz, Ph	208/230V, 60Hz, 1Ph (Indoor Unit is powered by Outdoor Unit with the use of a 14/4 Stranded Copper THHN 600V Interconnecting Cable)			
Min. Circuit Amps (MCA)	Amps	3	3	3	3
Max. Overcurrent Protection (MOCP)	Amps	15	15	15	15
Fan Motor Type	-	Brushless DC Fan Motor			
Fan Motor RLA	Amps	0.8	0.8	1.0	1.2
Fan Motor Output	Watts	30	30	30	30
Airflow (Turbo/Hi/Mi/Lo/Si)	CFM	341 / 294 / 259 / 235 / 235	341 / 294 / 259 / 235 / 235	353 / 312 / 282 / 247 / 176	400 / 352 / 300 / 207 / 207
Sound Level (Turbo / Hi / Mi / Lo / Si)	dB(A)	47 / 38 / 36 / 26 / 24	38 / 38 / 36 / 33 / 24	41 / 41 / 37 / 33 / 24	44 / 44 / 41.5 / 31 / 26
Coil Type / Coating	-	Copper Coil/Aluminum Fins / Golden Fin Coating (500Hr Salt Spray Rating)			
Dehumidification	L/h	0.34	0.98	1.69	2.05
Condensate Drain Connection	inch / mm	1" O.D. / 25mm O.D.			
Refrigerant Lines (Liquid / Gas)	inch	1/4" / 3/8" Flared Connection	1/4" / 3/8" Flared Connection	1/4" / 3/8" Flared Connection	1/4" / 1/2" Flared Connection
Air Filter	inch	Washable Air Filter			
Cassette Grille	-	Included (Packaged with Cassette)			
Control Wiring	AWG	14/4 Stranded Copper THHN 600V (Interconnecting Cable between Indoor and Outdoor Unit)			
Operating Temp. Setting (Cooling)	°F / °C	60 to 86°F / 16 to 30°C			
Operating Temp. Setting (Heating)	°F / °C	60 to 86°F / 16 to 30°C			
Net / Gross Weight	lb	45lbs / 82lbs	45lbs / 82lbs	45lbs / 82lbs	45lbs / 82lbs
Unit Dimension (WxDxH)	inch	50-5/16" x 13-3/16" x 9"	50-5/16" x 13-3/16" x 9"	50-5/16" x 13-3/16" x 9"	50-5/16" x 13-3/16" x 9"
Package Dimension (WxDxH)	inch	57-10/16" x 22-8/16" x 22-10/16"	57-10/16" x 22-8/16" x 22-10/16"	57-10/16" x 22-8/16" x 22-10/16"	57-10/16" x 22-8/16" x 22-10/16"

4-WAY CASSETTE

- Remote Controller RG10L4/M2HS (Included)
- Wired Controller (Optional)
- Wi-Fi (Optional)
- Smart Home App (Optional)
- Compatible with Google and Alexa Voice Control (Optional)
- Factory installed condensate pump
- 360° discharge air outlets
- Internal electrical box assembly



Indoor Unit		ML09HP230STDCAS-I	ML12HP230STDCAS-I	ML18HP230STDCAS-I	ML24HP230STDCAS-I
Cooling Capacity	Btu/h	9,000	12,000	16,000	23,400
Heating Capacity	Btu/h	10,000	12,000	19,000	25,000
Power Supply	Volts, Hz, Ph	208/230V, 60Hz, 1Ph (Indoor Unit is powered by Outdoor Unit with the use of a 14/4 Stranded Copper THHN 600V Interconnecting Cable)			
Min. Circuit Amps (MCA)	Amps	3	3	3	3
Max. Overcurrent Protection (MOCP)	Amps	15	15	15	15
Fan Motor Type	-	Brushless DC Fan Motor			
Fan Motor RLA	Amps	0.8	0.9	1.0	1.0
Fan Motor Output	Watts	45	45	45	45
Airflow (Turbo/Hi/Mi/Lo/Si)	CFM	353 / 312 / 265 / 183 / 147	418 / 365 / 306 / 194 / 147	447 / 389 / 318 / 194 / 147	765 / 706 / 636 / 547 / 547
Sound Level (Turbo / Hi / Mi / Lo / Si)	dB(A)	43 / 40 / 38 / 26 / 24	46 / 44 / 41 / 28 / 26	48 / 45 / 41 / 28 / 24	49 / 45 / 43 / 34 / 34
Coil Type / Coating	-	Copper Coil/Aluminum Fins / Golden Fin Coating (500Hr Salt Spray Rating)			
Dehumidification	L/h	0.88	1.45	2.0	2.36
Condensate Drain Connection	inch / mm	1" O.D. / 25mm O.D.			
Refrigerant Lines (Liquid / Gas)	inch	1/4" / 3/8" Flared Connection	1/4" / 3/8" Flared Connection	1/4" / 1/2" Flared Connection	3/8" / 5/8" Flared Connection
Air Filter	inch	Washable Air Filter			
Cassette Grille	-	MLCG4-S (Not Incl., Sold Separately)	MLCG4-S (Not Incl., Sold Separately)	MLCG4-S (Not Incl., Sold Separately)	MLCG4-L (Not Incl., Sold Separately)
Control Wiring	AWG	14/4 Stranded Copper THHN 600V (Interconnecting Cable between Indoor and Outdoor Unit)			
Operating Temp. Setting (Cooling)	°F / °C	60 to 86°F / 16 to 30°C			
Operating Temp. Setting (Heating)	°F / °C	60 to 86°F / 16 to 30°C			
Net / Gross Weight	lb	35lbs / 42lbs	35lbs / 42lbs	35lbs / 42lbs	47lbs / 59lbs
Unit Dimension (WxDxH)	inch	22-7/16" x 22-7/16" x 9-10/16"	22-7/16" x 22-7/16" x 9-10/16"	22-7/16" x 22-7/16" x 9-10/16"	32-11/16" x 32-11/16" x 8-1/16"
Package Dimension (WxDxH)	inch	28-2/16" x 25-3/16" x 11-10/16"	28-2/16" x 25-3/16" x 11-10/16"	28-2/16" x 25-3/16" x 11-10/16"	35-13/16" x 35-13/16" x 9-13/16"

CONSOLE



- Remote Controller RG10L4/M2HS (Included)
- Wired Controller (Optional)
- Wi-Fi (Optional)
- Smart Home App (Optional)
- Compatible with Google and Alexa Voice Control (Optional)
- Multi-Function Board (Included)
- Wall-Mounted or Floor-Standing installation
- Top and bottom discharge air outlets



Indoor Unit		ML09HP230CON-I	ML12HP230CON-I	ML16HP230CON-I
Cooling Capacity	Btu/h	9,000	12,000	16,000
Heating Capacity	Btu/h	9,000	12,000	17,000
Power Supply	Volts, Hz, Ph	208/230V,60Hz,1Ph (Indoor Unit is powered by Outdoor Unit with the use of a 14/4 Stranded Copper THHN 600V Interconnecting Cable)		
Min. Circuit Amps (MCA)	Amps	3	3	3
Max. Overcurrent Protection (MOCP)	Amps	15	15	15
Fan Motor Type	-	Brushless DC Fan Motor		
Fan Motor RLA	Amps	0.5	0.5	1.0
Fan Motor Output	Watts	13	13	13
Airflow (Turbo/Hi/Mi/Lo/Si)	CFM	441 / 377 / 324 / 188 / 130	441 / 377 / 324 / 188 / 130	500 / 441 / 383 / 324 / 206
Sound Level (Turbo / Hi / Mi / Lo / Si)	dB(A)	45 / 41 / 38 / 26 / 22	45 / 41 / 38 / 26 / 22	47 / 44 / 41 / 31 / 26
Coil Type / Coating	-	Copper Coil/Aluminum Fins / Golden Fin Coating (500Hr Salt Spray Rating)		
Dehumidification	L/h	0.81	1.48	2.18
Condensate Drain Connection	inch / mm	5/8" O.D. / 16mm O.D.		
Refrigerant Lines (Liquid / Gas)	inch	1/4" / 3/8" Flared Connection	1/4" / 3/8" Flared Connection	1/4" / 1/2" Flared Connection
Air Filter	inch	Washable Air Filter		
Control Wiring	AWG	14/4 Stranded Copper THHN 600V (Interconnecting Cable between Indoor and Outdoor Unit)		
Operating Temp. Setting (Cooling)	°F / °C	60 to 86°F / 16 to 30°C		
Operating Temp. Setting (Heating)	°F / °C	60 to 86°F / 16 to 30°C		
Net / Gross Weight	lb	33lbs / 42lbs	33lbs / 42lbs	33lbs / 42lbs
Unit Dimension (WxDxH)	inch	31-4/16" x 7-14/16" x 24-7/16"	31-4/16" x 7-14/16" x 24-7/16"	31-4/16" x 7-14/16" x 24-7/16"
Package Dimension (WxDxH)	inch	34-1/16" x 11" x 28-5/16"	34-1/16" x 11" x 28-5/16"	34-1/16" x 11" x 28-5/16"

CURRENT LOOP AHU

- Remote Controller RG10F8/M2 (Included)
- Programmable Wi-Fi Wired Controller KJR-120N/X6W (Included)
- Smart Home App (Optional)
- Compatible with Google and Alexa Voice Control (Optional)
- Constant airflow up to 0.8" static pressure
- Auxiliary Heat Kits (Optional)
- Multi-position Air Handler

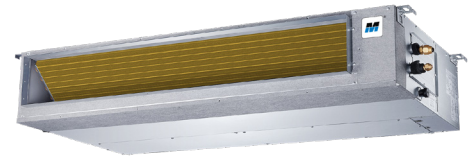


Indoor Unit		ML18HP230AHU-I	ML24HP230AHU-I	ML30HP230AHU-I	ML36HP230AHU-I
Cooling Capacity	Btu/h	18,000	23,000	30,000	36,000
Heating Capacity	Btu/h	18,000	26,000	30,000	38,000
Power Supply	Volts, Hz, Ph	208/230V,60Hz,1Ph (Indoor Unit is powered by Outdoor Unit with the use of a 14/4 Stranded Copper THHN 600V Interconnecting Cable)			
Min. Circuit Amps (MCA)	Amps	3.5	4	6	6
Max. Overcurrent Protection (MOCP)	Amps	15	15	15	15
Fan Motor Type	-	Brushless DC Fan Motor			
Fan Motor RLA	Amps	2.3	3	4.5	4.5
Fan Motor Output	Watts	250	250	375	375
Airflow (Turbo/Hi/Mi/Lo/Si)	CFM	618 / 577 / 530 / 489 / 489	824 / 759 / 695 / 630 / 630	989 / 895 / 806 / 712 / 712	618 / 577 / 530 / 489 / 489
External Static Pressure	In W.c.	0.8	0.8	0.8	0.8
Sound Level (Turbo / Hi / Mi / Lo / Si)	dB(A)	42 / 42 / 40 / 33 / 33	44 / 44 / 42 / 29 / 29	44 / 44 / 41 / 26 / 26	42 / 42 / 40 / 33 / 33
Coil Type / Coating	-	Aluminum Coil/Aluminum Fins / Golden Fin Coating (500Hr Salt Spray Rating)			
Electric Heat Kit (Optional)	kW	3 / 5 / 8 / 10kW	5 / 8 / 10 / 15kW	5 / 8 / 10 / 15kW	5 / 8 / 10 / 15 / 20kW
Dehumidification	L/h	1.69	2.25	3.18	3.04
Condensate Drain Connection	inch / mm	3/4" I.D. / 19mm O.D.			
Refrigerant Lines (Liquid / Gas)	inch	1/4" / 1/2" Flared Connection	3/8" / 5/8" Flared Connection	3/8" / 5/8" Flared Connection	3/8" / 5/8" Flared Connection
Air Filter (Not Included)	inch	16" x 20" x 1"	16" x 20" x 1"	20" x 20" x 1"	20" x 20" x 1"
Control Wiring	AWG	14/4 Stranded Copper THHN 600V (Interconnecting Cable between Indoor and Outdoor Unit)			
Operating Temp. Setting (Cooling)	°F / °C	60 to 86°F / 16 to 30°C			
Operating Temp. Setting (Heating)	°F / °C	60 to 86°F / 16 to 30°C			
Net / Gross Weight	lb	104lbs / 126lbs	104lbs / 126lbs	128lbs / 152lbs	128lbs / 154lbs
Unit Dimension (WxDxH)	inch	21" x 17-8/16" x 45"	21" x 17-8/16" x 45"	21" x 17-8/16" x 45"	21" x 17-8/16" x 45"
Package Dimension (WxDxH)	inch	26-9/16" x 20-14/16" x 48-10/16"	26-9/16" x 20-14/16" x 48-10/16"	26-9/16" x 20-14/16" x 48-10/16"	26-9/16" x 20-14/16" x 48-10/16"

LOW STATIC SLIM DUCT



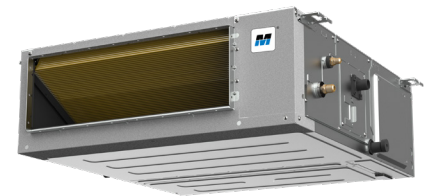
- Remote Controller RG10R/M2S (Included)
- Non-Programmable Wired Controller KJR-120L/R2 (Included)
- Wi-Fi (Optional)
- Smart Home App (Optional)
- Compatible with Google and Alexa Voice Control (Optional)
- Factory installed condensate pump
- Factory installed Auxiliary Heater Board
- Constant airflow up to 0.4" static pressure
- Vertical or horizontal installation



Indoor Unit		ML06HP230LSDUC-I	ML09HP230LSDUC-I	ML12HP230LSDUC-I	ML18HP230LSDUC-I
Cooling Capacity	Btu/h	6,500	9,000	12,000	17,000
Heating Capacity	Btu/h	8,000	10,000	12,500	19,000
Power Supply	Volts, Hz, Ph	208/230V, 60Hz, 1Ph (Indoor Unit is powered by Outdoor Unit with the use of a 14/4 Stranded Copper THHN 600V Interconnecting Cable)			
Min. Circuit Amps (MCA)	Amps	3	3	3	3
Max. Overcurrent Protection (MOCP)	Amps	15	15	15	15
Fan Motor Type	-	Brushless DC Fan Motor			
Fan Motor RLA	Amps	1.2	1.2	1.2	1.2
Fan Motor Output	Watts	55	55	55	160
Airflow (Turbo/Hi/Mi/Lo/Si)	CFM	324 / 265 / 206 / 147 / 118	324 / 265 / 206 / 147 / 118	400 / 324 / 265 / 177 / 118	600 / 559 / 500 / 441 / 441
External Static Pressure	In W.c.	0.4	0.4	0.4	0.4
Sound Level (Turbo / Hi / Mi / Lo / Si)	dB(A)	33 / 33 / 31 / 30 / 22	33 / 33 / 31 / 30 / 22	36 / 36 / 35 / 33 / 26	40 / 40 / 39 / 38 / 32
Coil Type / Coating	-	Copper Coil/Aluminum Fins / Golden Fin Coating (500Hr Salt Spray Rating)			
Dehumidification	L/h	0.3	0.73	1.26	1.6
Condensate Drain Connection	inch / mm	1" O.D. / 25mm O.D.			
Refrigerant Lines (Liquid / Gas)	inch	1/4" / 3/8" Flared Connection	1/4" / 3/8" Flared Connection	1/4" / 3/8" Flared Connection	1/4" / 1/2" Flared Connection
Air Filter	inch	Washable Air Filter			
Control Wiring	AWG	14/4 Stranded Copper THHN 600V (Interconnecting Cable between Indoor and Outdoor Unit)			
Operating Temp. Setting (Cooling)	°F / °C	60 to 86°F / 16 to 30°C			
Operating Temp. Setting (Heating)	°F / °C	60 to 86°F / 16 to 30°C			
Net / Gross Weight	lb	39lbs / 47lbs	39lbs / 47lbs	39lbs / 47lbs	54lbs / 66lbs
Unit Dimension (WxDxH)	inch	27-9/16" x 19-15/16" x 7-14/16"	27-9/16" x 19-15/16" x 7-14/16"	27-9/16" x 19-15/16" x 7-14/16"	34-10/16" x 26-9/16" x 8-4/16"
Package Dimension (WxDxH)	inch	33-14/16" x 21-4/16" x 11-4/16"	33-14/16" x 21-4/16" x 11-4/16"	33-14/16" x 21-4/16" x 11-4/16"	42-2/16" x 28-9/16" x 11"

HIGH STATIC SLIM DUCT

- Remote Controller RG10R/M2S (Included)
- Non-Programmable Wired Controller KJR-120L/R2 (Included)
- Wi-Fi (Optional)
- Smart Home App (Optional)
- Compatible with Google and Alexa Voice Control (Optional)
- Factory installed condensate pump
- Factory installed Auxiliary Heater Board
- Constant airflow up to 0.8" static pressure
- Vertical or horizontal installation



Indoor Unit		ML09HP230HSDUC-I	ML12HP230HSDUC-I	ML18HP230HSDUC-I	ML24HP230HSDUC-I
Cooling Capacity	Btu/h	9,000	12,000	17,500	24,000
Heating Capacity	Btu/h	9,900	12,000	19,500	26,000
Power Supply	Volts, Hz, Ph	208/230V, 60Hz, 1Ph (Indoor Unit is powered by Outdoor Unit with the use of a 14/4 Stranded Copper THHN 600V Interconnecting Cable)			
Min. Circuit Amps (MCA)	Amps	3	3	3	3
Max. Overcurrent Protection (MOCP)	Amps	15	15	15	15
Fan Motor Type	-	Brushless DC Fan Motor			
Fan Motor RLA	Amps	1.5	1.5	1.8	2
Fan Motor Output	Watts	165	165	165	165
Airflow (Turbo/Hi/Mi/Lo/Si)	CFM	344 / 288 / 231 / 201 / 122	344 / 288 / 231 / 201 / 122	706 / 618 / 530 / 441 / 441	854 / 706 / 618 / 500 / 500
External Static Pressure	In W.c.	0.8	0.8	0.8	0.8
Sound Level (Turbo / Hi / Mi / Lo / Si)	dB(A)	30 / 30 / 29 / 28 / 26	30 / 30 / 29 / 28 / 26	36 / 36 / 34 / 32 / 28	40 / 40 / 37 / 35 / 30
Coil Type / Coating	-	Copper Coil/Aluminum Fins / Golden Fin Coating (500Hr Salt Spray Rating)			
Dehumidification	L/h	0.69	1.39	1.39	2.03
Condensate Drain Connection	inch / mm	1" O.D. / 25mm O.D.			
Refrigerant Lines (Liquid / Gas)	inch	1/4" / 3/8" Flared Connection	1/4" / 3/8" Flared Connection	1/4" / 1/2" Flared Connection	3/8" / 5/8" Flared Connection
Air Filter	inch	Washable Air Filter			
Control Wiring	AWG	14/4 Stranded Copper THHN 600V (Interconnecting Cable between Indoor and Outdoor Unit)			
Operating Temp. Setting (Cooling)	°F / °C	60 to 86°F / 16 to 30°C			
Operating Temp. Setting (Heating)	°F / °C	60 to 86°F / 16 to 30°C			
Net / Gross Weight	lb	64lbs / 74lbs	64lbs / 74lbs	80lbs / 91lbs	80lbs / 92lbs
Unit Dimension (WxDxH)	inch	27-9/16" x 29-8/16" x 9-10/16"	27-9/16" x 29-8/16" x 9-10/16"	39-6/16" x 29-8/16" x 9-10/16"	39-6/16" x 29-8/16" x 9-10/16"
Package Dimension (WxDxH)	inch	36-7/16" x 33-7/16" x 11-12/16"	36-7/16" x 33-7/16" x 11-12/16"	48-4/16" x 33-14/16" x 11-15/16"	48-4/16" x 33-14/16" x 11-15/16"



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