



WELCOME TO MAINLINE® HIGH-EFFICIENCY SOLUTIONS



Nexus Ultra Heat Series

*Your Guide to Comfort,
Efficiency, and Affordability*

PART OF A TRUSTED HERITAGE

Powered by Innovation, Grounded in Tradition Since 1858.



Picture yourself at a crossroads, surrounded by endless possibilities. Each option holds the promise of greater comfort in your home, improved energy efficiency, and savings that fit your budget. But how do you choose the right direction? Where do you turn when the options feel overwhelming, and the stakes are high?

That's where Mainline® comes in. We're your trusted partner in navigating the world of high-efficiency heat pumps. With reliable expertise and proven solutions, we help homeowners and HVAC professionals find the perfect path to a home that's comfortable in every season.

Key features & benefits of the Mainline® Nexus Ultra Heat Series

EXCEPTIONAL COLD CLIMATE PERFORMANCE



Equipped with an advanced inverter compressor, the Nexus Ultra Heat Series delivers over 80% heating capacity 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 Nexus Ultra Heat Series 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 Nexus Ultra Heat Series 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 Nexus Ultra Heat Series 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 Nexus Ultra Heat Series 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 Nexus Ultra Heat Series 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 Corporation's 160+ years of HVAC expertise, the Nexus Ultra Heat Series combines cutting-edge technology with a legacy of reliability, ensuring your home stays comfortable season after season.

Why Choose Mainline®?

By choosing the Mainline® Nexus Ultra Heat Series, you're investing in a system that balances efficiency, reliability, and affordability—delivering tailored comfort for your family while making life easier for your installer.

Mainline® is your trusted partner in creating a home that's not just warm in winter and cool in summer, but also quiet, efficient, and worry-free.

- Up to 26 SEER2 / 14.6 HSPF2
- 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
- Remote Controller (Included)
- Wi-Fi (Included)

- Multi-Function Board (Included)
- Wired Controller (Optional)
- 24VAC Thermostat Control (Optional)
- Smart Home App
- Compatible with Google and Alexa Voice Control

System Ratings		ML06HP230NEXH	ML09HP230NEXH	ML12HP230NEXH	ML18HP230NEXH	ML24HP230NEXH	ML33HP230NEXH
SEER2	Btu/h/W	25.3	26	24	21.7	22.3	20
EER2	Btu/h/W	16	15	13.2	13	12.5	11.7
HSPF2-4/HSPF2-5 (Climate Region)	Btu/h/W	14.6 / 11.2	12.5 / 10.1	10.5 / 8	10.8 / 8	13.3 / 9.6	10.5 / 8.6
COP	W/W	3.8	3.63	3.63	3.54	3.05	3.22
Energy Star®	-	Yes	Yes	Yes	Yes	Yes	Yes
Rated Cooling Capacity @ 95°F/35°C	Btu/h	6,000	9,000	12,000	18,000	23,000	33,000
Cooling Capacity Range	Btu/h	2,500 - 11,500	3,600 - 13,500	3,600 - 13,500	8,400 - 20,200	16,800 - 24,500	15,000 - 35,900
Cooling Input	Watts	375	600	910	1,384	1,840	2,821
Cooling Current	Amps	3.1	4	4.1	9	8.4	12.6
Rated Heating Capacity @ 47°F/8°C	Btu/h	7,000	12,000	12,000	18,000	26,000	36,000
Rated Heating Capacity @ 17°F/-8°C	Btu/h	7,600	10,000	10,000	14,400	21,600	29,600
Heating Capacity Range	Btu/h	3,200 - 10,700	3,800 - 16,000	3,800 - 16,000	10,300 - 23,000	11,800 - 28,100	19,900 - 38,200
Heating Input	Watts	540	970	970	1,490	2,498	3,277
Heating Current	Amps	4	4.3	4.3	9.5	11.2	14.1

INDOOR UNIT		ML06HP230NEX-I	ML09HP230NEX-I	ML12HP230NEX-I	ML18HP230NEX-I	ML24HP230NEX-I	ML33HP230NEX-I
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	0.4	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 / N/A	383 / 294 / 194 / 153 / N/A	383 / 294 / 194 / 153 / N/A	759 / 500 / 441 / 371 / N/A	759 / 589 / 459 / 383 / N/A	830 / 677 / 530 / 447 / N/A
Sound Level Turbo/Hi/Mi/Lo/Si	dB(A)	42 / 37 / 32 / 24 / N/A	40 / 33 / 24 / 21 / N/A	42 / 36 / 23 / 20 / N/A	55 / 45 / 40 / 25 / N/A	55 / 50 / 44 / 35 / N/A	56 / 53 / 47 / 30 / N/A
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	16mm O.D. / 5/8" 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" / 3/4" 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 90°F / 16 to 32°C					
Operating Temp. Setting (Heating)	°F/°C	32 to 86°F / 0 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 16-5/16" x 12-6/16"	45-8/16" x 16-5/16" x 12-6/16"	52-12/16" x 17-11/16" x 15-3/16"

OUTDOOR UNIT		ML06HP230NEXH-O	ML09HP230NEXH-O	ML12HP230NEXH-O	ML18HP230NEXH-O	ML24HP230NEXH-O	ML33HP230NEXH-O
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	12	15	15	19	24.9	34
Max. Overcurrent Protection (MOCP)	Amps	15	15	15	20	25	35
Fan Motor RLA	Amps	0.6	0.6	0.5	0.9	1.3	1.5
Fan Motor Output	Watts	34	34	34	80	120	230
Compressor Type	-	Inverter Rotary					
Compressor RLA	Amps	7.3	10.4	11.6	11.7	15	24.5
Sound Level	dB(A)	53	56	56	59	61	63.5
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	32.45oz / 0.92kg	35.27oz / 1kg	35.27oz / 1kg	55.38oz / 1.57kg	63.49oz / 1.8kg	87.13oz / 2.47kg
Pre-charge Pipe Length	ft/m	24.6ft / 7.5m					
Additional Refrigerant Charge	oz/ft/kg/m	0.16oz/ft / 0.015kg/m	0.16oz/ft / 0.015kg/m	0.16oz/ft / 0.015kg/m	0.16oz/ft / 0.015kg/m	0.32oz/ft / 0.03kg/m	0.32oz/ft / 0.03kg/m
Piping Length (Min./Max.)	ft/m	10ft (3m) / 82ft (25m)	10ft (3m) / 82ft (25m)	10ft (3m) / 82ft (25m)	10ft (3m) / 98.40ft (30m)	10ft (3m) / 164ft (50m)	10ft (3m) / 164ft (50m)
Piping Height Difference (Max.)	ft/m	49.2ft / 15m	49.2ft / 15m	49.2ft / 15m	65.6ft / 20m	82ft / 25m	82ft / 25m
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" / 3/4" Flared Connection
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	62.17lbs / 67.68lbs	72.75lbs / 78.7lbs	72.75lbs / 78.7lbs	99.87lbs / 107.8lbs	130.29lbs / 141.31lbs	156.97lbs / 167.99lbs
Unit Dimension (WxDxH)	inch	30-2/16" x 11-15/16" x 21-14/16"	31-11/16" x 13" x 21-13/16"	31-11/16" x 13" x 21-13/16"	35-1/16" x 13-7/16" x 26-8/16"	37-4/16" x 16-2/16" x 31-14/16"	37-4/16" x 16-2/16" x 31-14/16"
Package Dimension (WxDxH)	inch	34-15/16" x 13-4/16" x 24"	36" x 14-9/16" x 24-3/16"	36" x 14-9/16" x 24-3/16"	39-3/16" x 15-11/16" x 29-2/16"	42-15/16" x 19-11/16" x 34-13/16"	42-15/16" x 19-11/16" x 34-13/16"



EXPERIENCE YOU CAN
TRUST, COMFORT
YOU CAN FEEL



Mainline® brings over 160 years of expertise and excellence right to your home. With more than 800 locations across North America, we're always close by to provide the support you need. Whether you're a homeowner seeking peace of mind or an installer in search of reliable solutions, Mainline® is the partner you can depend on. Our comprehensive technical support and training programs ensure every system is installed and maintained to the highest standards of perfection.

HVACMainline.com