

R410-A

Inverter



AIR CONDITIONER CERTIFIED

4/5 Ton Inverter Split System Heat Pump System

GXH48-60MSK4DH and GMH48-60MSK4DH



Inverter Split System Features and Benefits:

- High-efficiency heat pump system; up to 18 SEER and 10.5 HSPF
- Unparalleled heating performance rated to -22°F with 100% nominal capacity to as low as 17°F
- 100% cooling capacity up to 105°F
- Fully-inverter-driven compressor is controlled in 1hz steps, outperforming few-speed compressors
- Side discharge outdoor unit provides greater installation flexibility, requiring less space
- Capable of a braze-free installation, eliminating corrosive contaminants
- One system with two capacities set via the flip of a dip switch
- Long Life PVE oil that does not break down in the presence of moisture
- One of the quietest outdoor units on the market
- Outdoor unit is sea coast rated showing no unexpected corrosion in 1500 hr salt spray test
- Control board indicates errors on easy-to-read display; no counting flashes
- Compatible with most 24V heat pump thermostats; non-communicating
- Multi-level self protection ensures a long, trouble-free equipment life
- Intelligent defrost ensures defrost operation only operates when needed
- Built-in base pan heater provides protection from freezing and ice build-up
- Built-in crankcase heater protects the compressor
- Fits standard mini-split-style outdoor unit wall brackets
- 10 Year, transferable, parts and compressor warranty; no registration requirement
- Includes Flexible Suction Line Connector for easily routing piping through the side or back
- Accumulator and oil separator protects the compressor
- Refrigerant Adjustment Tank removes or adds refrigerant to the circuit as needed
- Pre-charged for 31 feet of line set. No Refrigerant Adjustment Needed for Less Than 31'
- Copper-tube/aluminum fin outdoor and indoor coil
- Independent lab-tested and verified heating operation to -22°F
- Independent lab-tested and verified cooling operation to 118°F

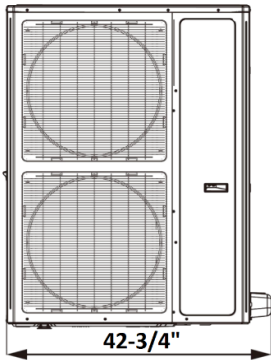
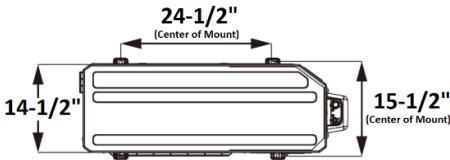
Submittal: GXH48-60MSK4DH

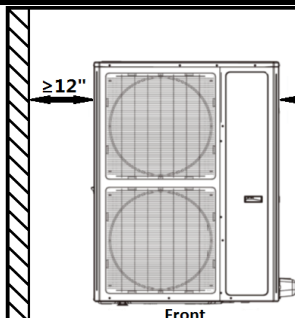
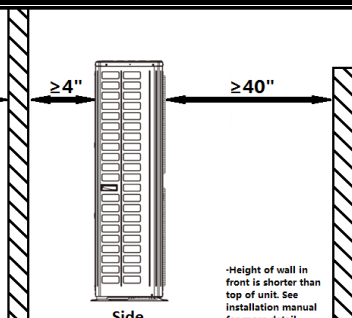
4/5 Ton Inverter Split System Heat Pump ODU

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted To:	For:	
Unit Designation:	Schedule #:	

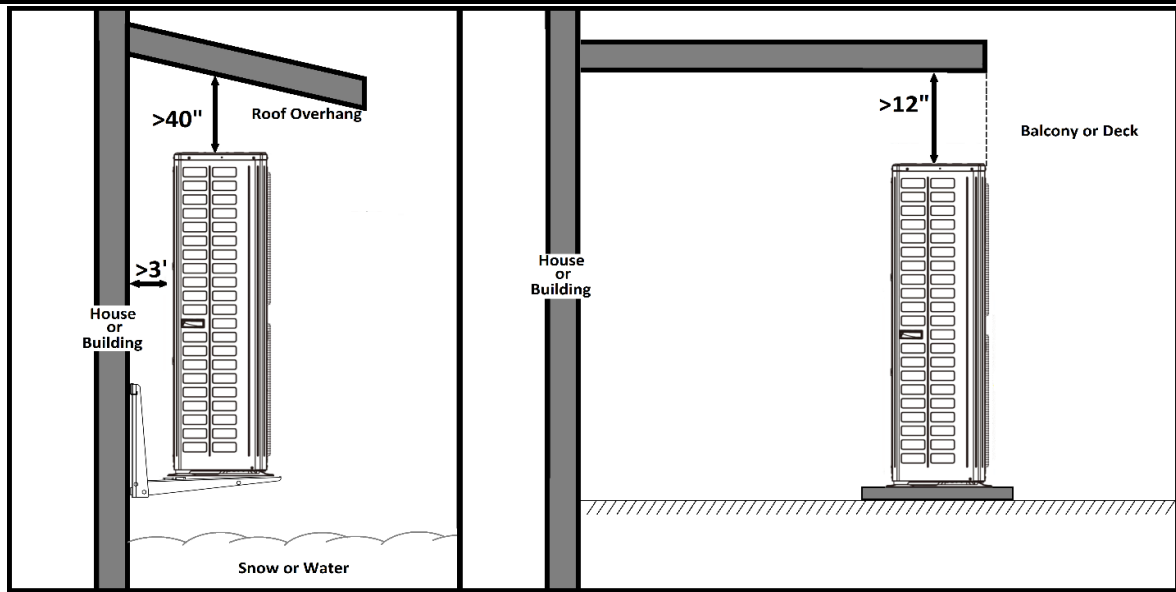
SYSTEM RATINGS			OUTDOOR UNIT DATA	
Rated Capacities			Compressor	
	4 Ton	5 Ton	Type:	Inverter Rotary
Rated Cooling Capacity:	48,000	54,000	RLA:	19
Rated Heating Capacity:	48,000	54,000	Model:	QXAU-F516zX440A
Efficiencies			Oil:	Polyvinylether (PVE)
	SEER:	18	17	
	HSPF:	10.5	10	
	EER (95°):	11	10.5	
Power Supply			Fan Motor	
Voltage (Min-Max):	187-253	187-253	Type:	Brushless DC
MCA:	31	31	RLA:	0.75
MOCP:	45	45	Model:	SWZ150D
Ambient Operating Ranges			Physical Characteristics	
	Cooling:	5~118°F	Net Weight (lbs):	308.7
	Heating:	-22~75°F	Gross Weight (lbs):	337.3
	Max. Sound Pressure dB(A):	61 dB	Height:	53-5/8"
			Width:	39-3/8"
			Depth:	14-1/2"

Refrigerant Piping Data			
Refrigerant Type:	R-410A	Max. Piping Length (ft):	98.4
Pre-charged Amount (Oz):	13.8	Max. Piping Height (ft):	49.2
Pre-Charged Length (ft):	31.1	ODU Connection Size (Liquid):	3/8"
Additional amount (Oz/ft.):	0.32	ODU Connection Size (Gas):	3/4"

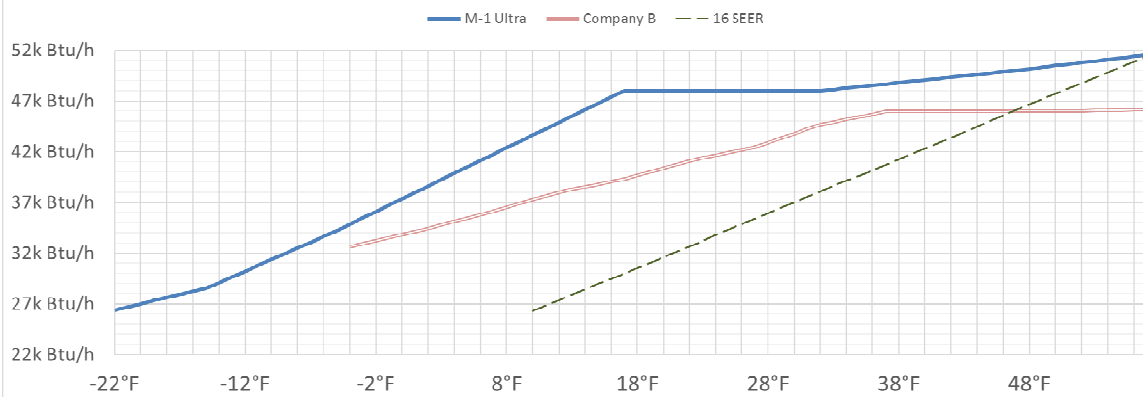
Outdoor Unit Dimensions	
	

Typical Installation Minimum Clearances	
 <p>Front</p>	 <p>Side</p>

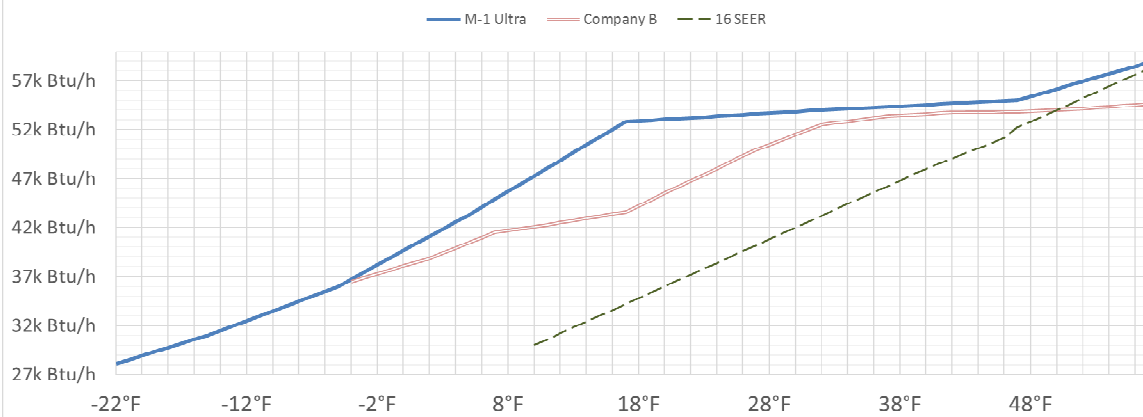
Covered Installation Examples



Heating Capacity Comparison (4 Ton)



Heating Capacity Comparison (5 Ton)





Inverter Split System Indoor Unit Features and Benefits:

- Indoor coil is epoxy-resin coated showing no unexpected corrosion in 500 hr salt spray test
- High-Efficiency ECM Blower Motor
- Electric Heat Kits are Available in Various kW Ratings
- Isolation Valves on the Indoor Unit Reduce Evacuation Time
- Conveniently-Located Indoor Service Valves
- Includes Flexible Suction Line Connector for Easier Installation

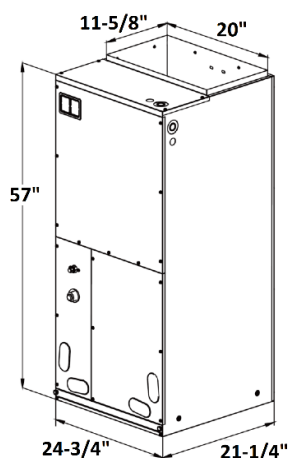
Blower Data

	4 Ton	5 Ton
CFM (Max/Min):	1083/447	1330/589
Output (W):	294	370
ESP Range (in.w.g.)	0-0.4	0-0.4

Power Supply

Voltage (Min-Max):	187-253	187-253
MCA/MOCP:	4/15	4/15

Dimensions



Physical Characteristics

Net Weight (lbs):	156.5
Dimensions (in.):	
W:	24-3/4"
D:	21-1/4"
H:	57"

Piping Connection Size

ODU Connection Size (Liquid):	3/8"
ODU Connection Size (Gas):	3/4"

Installation Clearances

