

R410-A

Inverter

ETL  
Intertek

AHRI CERTIFIED

## 4/5 Ton Inverter Split System Heat Pump System

GXH48-60MSK4DH and GMH48-60MSK4DH



### Inverter Split System Features and Benefits:

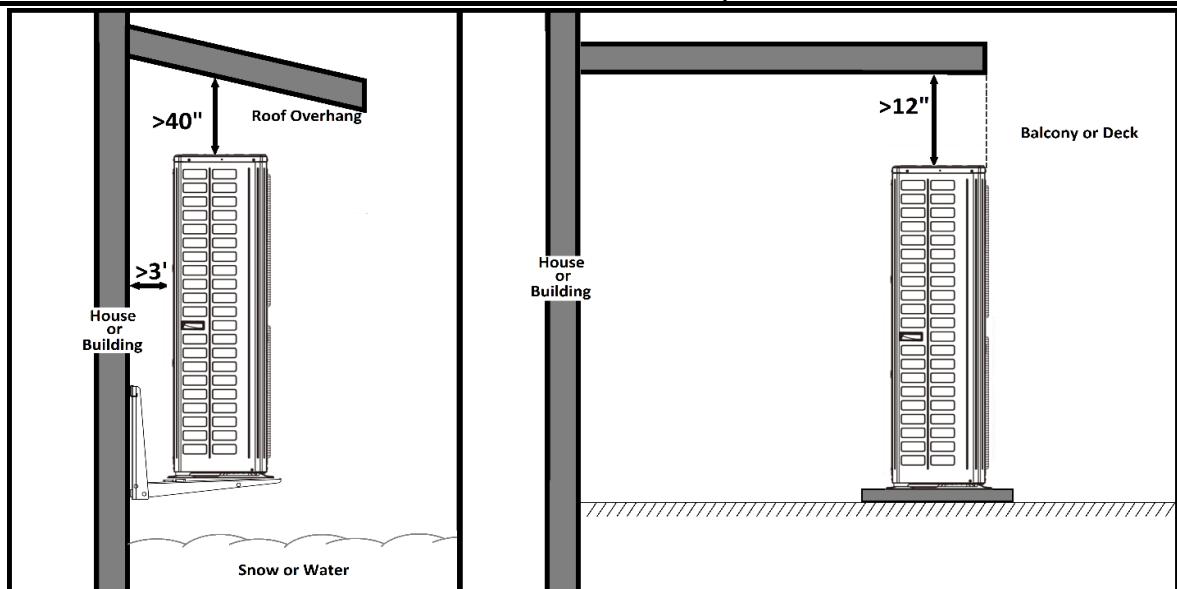
- High-efficiency heat pump system; up to 18 SEER and 10.5 HSPF
- Unparalleled heating performance rated to -22°F with 100% nominal capacity to as low as 17°F
- 100% cooling capacity up to 105°F
- Fully-inverter-driven compressor is controlled in 1hz steps, outperforming few-speed compressors
- Side 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

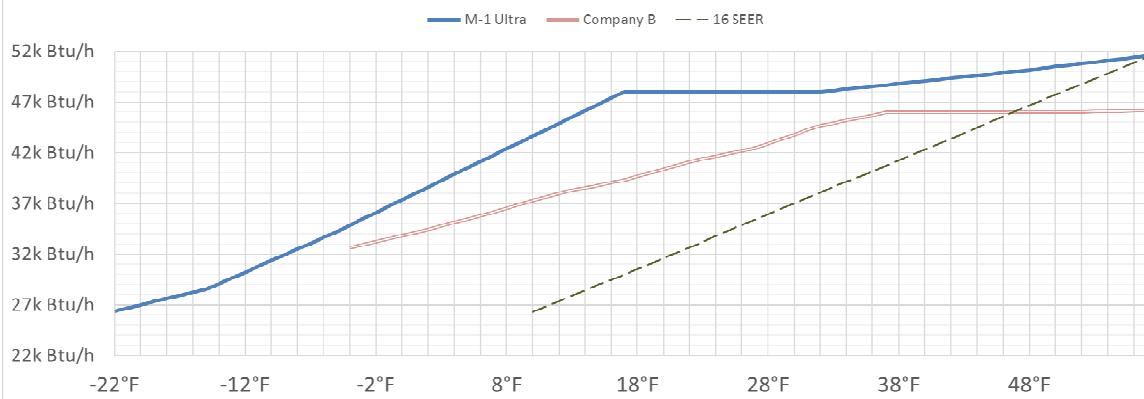
## 4/5 Ton Inverter Split System Heat Pump ODU

Job Name:	Location:	Date:						
Purchaser:	Engineer:							
Submitted To:	For:							
Unit Designation:	Schedule #:							
<b>SYSTEM RATINGS</b>		<b>OUTDOOR UNIT DATA</b>						
<b>Rated Capacities</b>		<b>Compressor</b>						
<table border="1" style="width: 100%; text-align: center;"> <tr> <td>4 Ton</td> <td>5 Ton</td> </tr> <tr> <td>Rated Cooling Capacity: 48,000</td> <td>54,000</td> </tr> <tr> <td>Rated Heating Capacity: 48,000</td> <td>54,000</td> </tr> </table>		4 Ton	5 Ton	Rated Cooling Capacity: 48,000	54,000	Rated Heating Capacity: 48,000	54,000	Type: Inverter Rotary RLA: 19 Model: QXAU-F516zX440A Oil: Polyvinylether (PVE)
4 Ton	5 Ton							
Rated Cooling Capacity: 48,000	54,000							
Rated Heating Capacity: 48,000	54,000							
<b>Efficiencies</b>		<b>Fan Motor</b>						
<table border="1" style="width: 100%; text-align: center;"> <tr> <td>SEER: 18</td> <td>17</td> </tr> <tr> <td>HSPF: 10.5</td> <td>10</td> </tr> <tr> <td>EER (95°): 11</td> <td>10.5</td> </tr> </table>		SEER: 18	17	HSPF: 10.5	10	EER (95°): 11	10.5	Type: Brushless DC RLA: 0.75 Model: SWZ150D
SEER: 18	17							
HSPF: 10.5	10							
EER (95°): 11	10.5							
<b>Power Supply</b>		<b>Physical Characteristics</b>						
<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Voltage (Min-Max): 187-253</td> <td>187-253</td> </tr> <tr> <td>MCA: 31</td> <td>31</td> </tr> <tr> <td>MOCP: 45</td> <td>45</td> </tr> </table>		Voltage (Min-Max): 187-253	187-253	MCA: 31	31	MOCP: 45	45	Net Weight (lbs): 308.7 Gross Weight (lbs): 337.3 Height: 53-5/8" Width: 39-3/8" Depth: 14-1/2"
Voltage (Min-Max): 187-253	187-253							
MCA: 31	31							
MOCP: 45	45							
<b>Ambient Operating Ranges</b>								
<table style="width: 100%; text-align: center;"> <tr> <td>Cooling: 5~118°F</td> <td></td> </tr> <tr> <td>Heating: -22~75°F</td> <td></td> </tr> <tr> <td>Max. Sound Pressure dB(A): 61 dB</td> <td></td> </tr> </table>		Cooling: 5~118°F		Heating: -22~75°F		Max. Sound Pressure dB(A): 61 dB		
Cooling: 5~118°F								
Heating: -22~75°F								
Max. Sound Pressure dB(A): 61 dB								
<b>Refrigerant Piping Data</b>								
Refrigerant Type: R-410A Pre-charged Amount (Oz): 13.8 Pre-Charged Length (ft): 31.1 Additional amount (Oz/ft.) 0.32		Max. Piping Length (ft): 98.4 Max. Piping Height (ft): 49.2 ODU Connection Size (Liquid): 3/8" ODU Connection Size (Gas): 3/4"						
<b>Outdoor Unit Dimensions</b>								
<b>Typical Installation Minimum Clearances</b>								

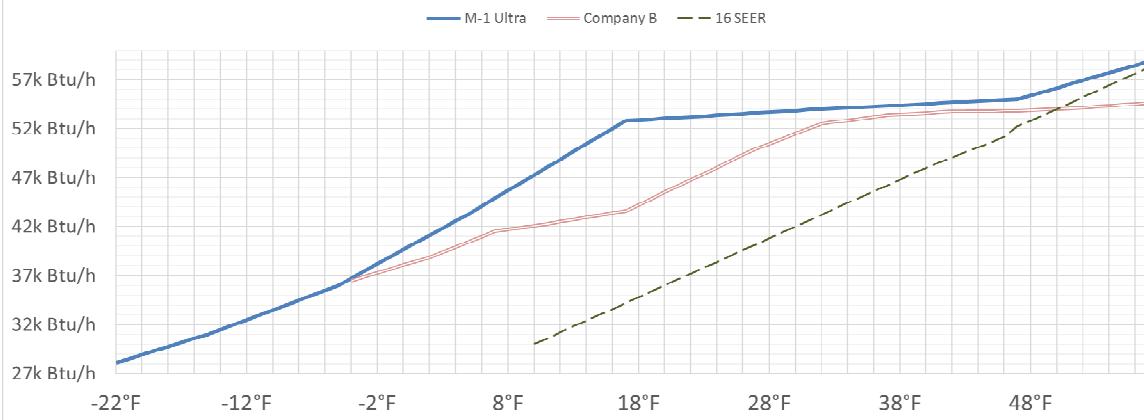
### Covered Installation Examples



### 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

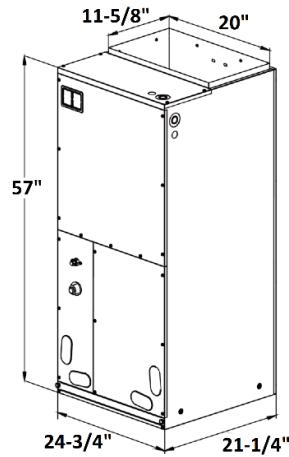
#### Blower Data

	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

