

**Submittal: UXH48-60MSK3IH 4/5 Ton Inverter Split System Heat Pump ODU****Inverter Split System Features and Benefits:**

- High efficiency heat pump system; up to 18 SEER and 10.0 HSPF
- Unparalleled heating performance; rated to -22°F with 100% nominal capacity to as low as -5°F
- 100% cooling capacity up to 109°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 and R2485 communication
- 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, non-transferable, parts and compressor warranty; no registration requirement
- No line connector required and can easily route the piping through the side or back
- Vapor-Liquid separator protects the compressor
- Utilizes a plate heat exchanger to control the refrigerant to the circuit as needed, increasing the sub cooling of the condenser, thus eliminating the need for a flash tank
- Pre-charged for 24.6 feet of line set. No refrigerant adjustment needed for less than 24.6'
- Copper-tube/aluminum fin outdoor and indoor coil
- Independent lab-tested and verified heating operation to -22°F (78% of nominal capacity) -
- Independent lab-tested and verified cooling operation to 129°F (78% of nominal capacity)



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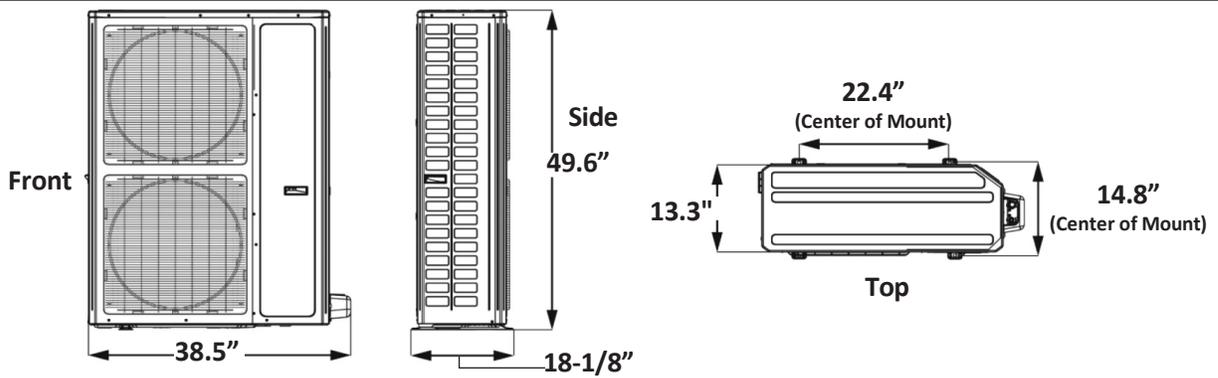
Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted To:	For:	
Unit Designation:	Schedule #:	

SYSTEM RATINGS			
<b>Rated Capacities</b>		4 Ton	5 Ton
	Rated Cooling Capacity:	48,000	53,000
	Rated Heating Capacity:	48,000	54,000
<b>Efficiencies</b>	SEER:	19	18.5
	HSPF:	10	10.5
	EER (95°):	12	11.7
<b>Power Supply</b>	Voltage (Min-Max):	187 - 253	187 - 253
	MCA:	39.9	39.9
	MOCP:	45	45
<b>Ambient Operating Ranges</b>		Cooling: 5~129° F	
		Heating: -22~75° F	
		Max. Sound Pressure dB(A): Up to 63 dB	

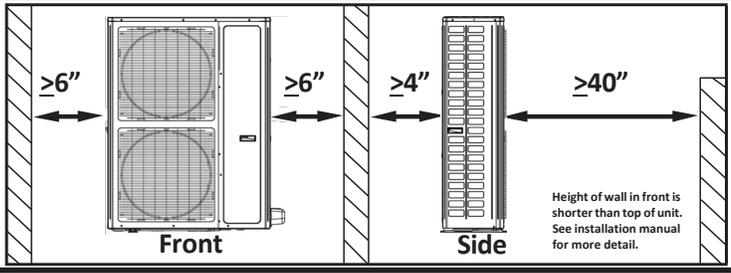
OUTDOOR UNIT DATA	
<b>Compressor</b>	Type: Inverter Rotary RLA: 30.1 Model: QXAT-F400zN450 Oil: Polyvinylether (PVE)
<b>Fan Motor</b>	Type: Brushless DC FLA(A): 2.2 Model: B - SWZ120E
<b>Physical Characteristics</b>	Net Weight (lbs): 241.4 Gross Weight (lbs): 263.5 Height: 36.4" Width: 2.3" Length: 30.1"

Refrigerant Piping Data	
Refrigerant Type: R-32 Pre-charged Amount (Oz): 162.3 Pre-Charged Length (ft): 24.6 Additional amount (Oz/ft.): .215	Max. Piping Length (ft): 98.4 Max. Piping Height (ft): 49.2 ODU Connection Size (Liquid): 3/8" ODU Connection Size (Gas): 3/4"

## Outdoor Unit Dimensions



## Typical Installation Minimum Clearances



# Covered Installation Examples

