

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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4/5 Ton Inverter Split System Heat Pump ODU

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

SYSTEM RATINGS

Rated Capacities

	4 Ton	5 Ton
Rated Cooling Capacity:	48,000	53,000
Rated Heating Capacity:	48,000	54,000

Efficiencies

	4 Ton	5 Ton
SEER:	19	18.5
HSPF:	10	10.5
EER (95°):	12	11.7

Power Supply

	4 Ton	5 Ton
Voltage (Min-Max):	187 - 253	187 - 253
MCA:	39.9	39.9
MOCP:	45	45

Ambient Operating Ranges

Cooling: 5~129° F
 Heating: -22~75° F
 Max. Sound Pressure dB(A): Up to 63 dB

OUTDOOR UNIT DATA

Compressor

Type: Inverter Rotary
 RLA: 30.1
 Model: QXAT-F400zN450
 Oil: Polyvinylether (PVE)

Fan Motor

Type: Brushless DC
 FLA(A): 2.2
 Model: B - SWZ120E

Physical Characteristics

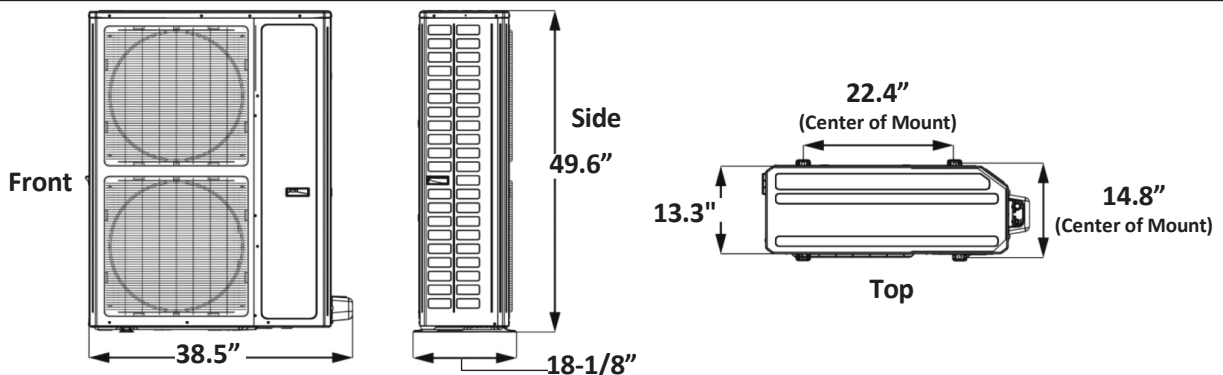
Net Weight (lbs): 241.4
 Gross Weight (lbs): 263.5
 Height: 36.4"
 Width: 2.3"
 Length: 30.1"

Refrigerant Piping Data

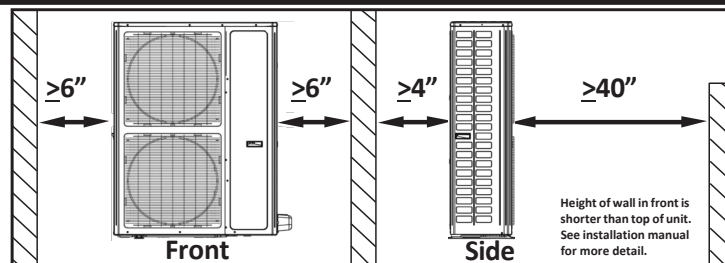
Refrigerant Type: R-32
 Pre-charged Amount (Oz): 162.3
 Pre-Charged Length (ft): 24.6
 Additional amount (Oz/ft.): .215

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

