

R-32

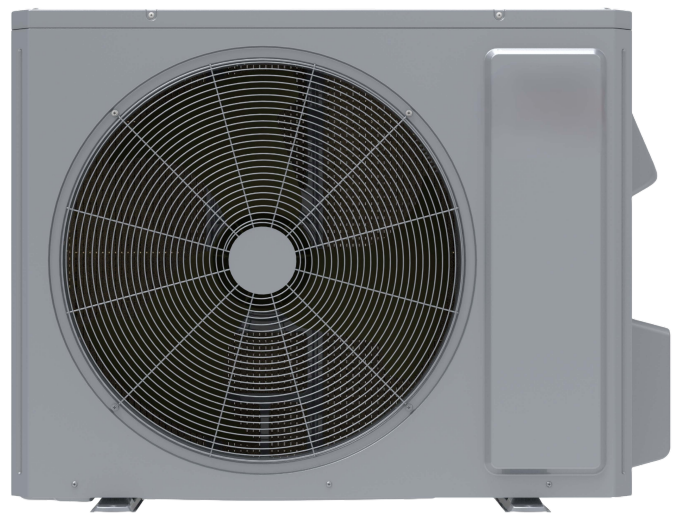


Submittal: UXC24-36MSK3IH

2/3 Ton Inverter Split System Air Conditioner

Inverter Split System Features and Benefits:

- High efficiency air conditioner system; up to 20 SEER
- 100% cooling capacity up to 118°F (Under standard AHRI2017)
- 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 seacoast 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



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Job Name:

Location:

Date:

Purchaser:

Engineer:

Submitted To:

For:

Unit Designation:

Schedule #:

SYSTEM RATINGS**Rated Capacities**

	2 Ton	3 Ton
Rated Cooling Capacity:	24,000	34,000

Efficiencies

SEER:	18.5	19.0
EER (95°):	12.5	11.7

Power Supply

Voltage (Min-Max):	187/253	187/253
MCA:	21.6	21.6
MOCP:	25	25

Ambient Operating Ranges

Cooling: 5°F(-15°C) ~118.4°F (48°C)
 Max. Sound Pressure dB(A): Up to 60 dB

OUTDOOR UNIT DATA**Compressor**

Type: Inverter Rotary
 RLA: N/A
 Model: FTz-SM240AHAD
 Oil: FW68L or equivalent

Fan Motor

Type: Direct Drive
 FLA(A): N / A
 Model: B-LW92R-ZL(10P)

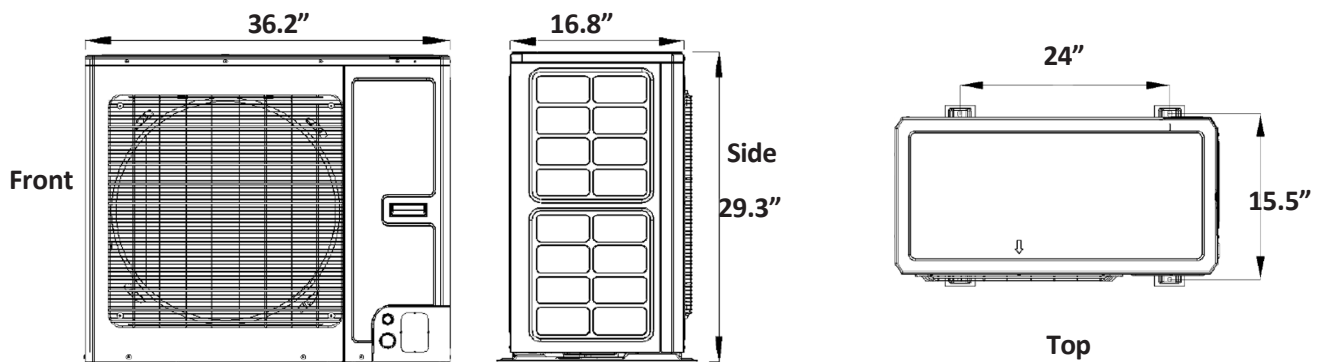
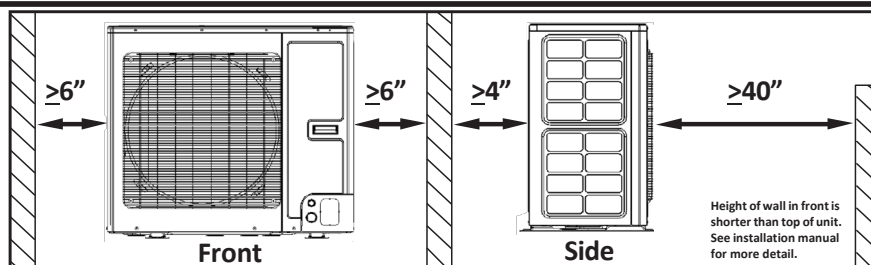
Physical Characteristics

Net Weight (lbs): 119
 Gross Weight (lbs): 130
 Height: 27.7"
 Width: 2.2"
 Length: 29.8"

Refrigerant Piping Data

Refrigerant Type: R-32
 Pre-charged Amount (oz): 98.8
 Pre-Charged Length (ft): 24.6
 Additional amount (Oz/ft.): 0.21

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

