

Submittal-36K-UltraHeat

TRUENORTH
POWERED BY GREE

Job name:		Submitted by:	
Location:		Submitted to:	
Engineer:		Unit tag:	
Date:		Drawing number:	

Warranty information

Standard 7 years parts & compressor
Registered 12 years parts & compressor
Terms and conditions apply

Type

Energy Star

Cold Climate Energy

Model numbers

Indoor:	WLCAC36F/NhA
Outdoor:	WLUD36W2/NhE-D(U)

Capacity range

Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	10600	32000	34700	AHRI NO.	Energy Star	ne ep
Heating:	12200	35000	35000			

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
				SEER2	16
47F (8.3C)				HSPF2	8.5
17F (-8.3C)				EER2	11
5F (-15C)				COP	3.2

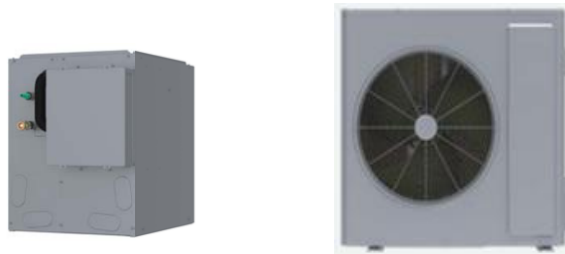
Outdoor temperature range

Cooling:	-15-54C	5-129F	Electrical	
Heating:	-30-24C	-22-75F	Power supply	208-230V/60Hz/1Ph
			Min/Max voltage	187-253Vac

Condenser specifications

Connecting type	Screw Connection	MCA	27.7A
Pre-charge length	25ft (7.5M)	MOP	30A
MIN. Refrigerant Pipe Length	10 ft (3M)	Power Supply Wire	10/2 AWG
		Interconnecting Wire	18/6AWG or 18/2AWG

Liquid Pipe Size	3/8in (9.52mm)	Features:	
Gas Pipe Size	3/4in (19mm)	Electronic expansion valve	
Max Height Between Indoor/Outdoor	50ft (15M)	Rotary compressor	
Max. Pipe Length	100ft (30M)	Basepan heater	
Refrigerant Type	R-32	Compressor electric heater	
Factory Charge	102.3oz	Weight	
Additional Charge	0.3 oz/ft	Gross weight:	211.6Lbs (96Kg)
Sound Pressure Level	60dB (A)	Net weight:	187.4Lbs (85Kg)



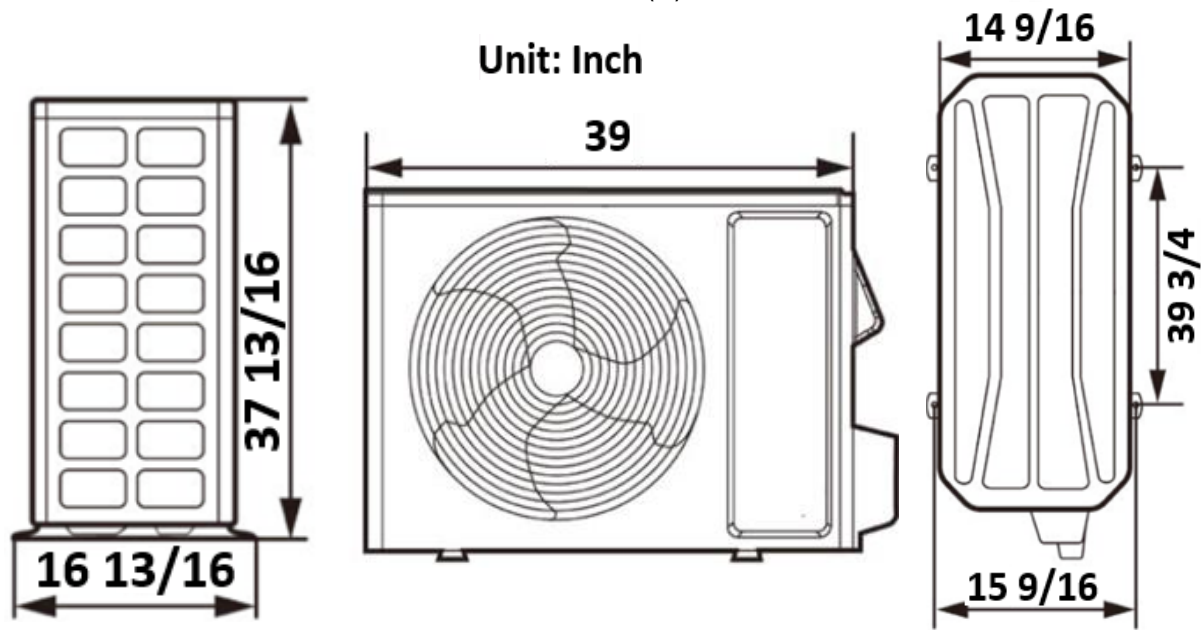
R32 Inverter

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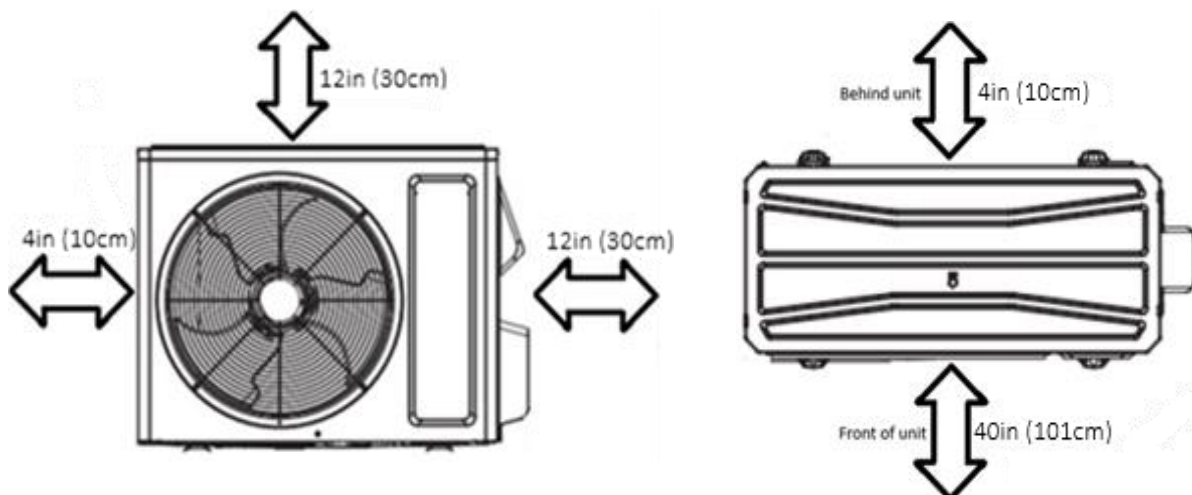
TRUENORTH Outdoor unit Dimensions

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WLUD36W2/NhE-D(U)



Minimum outdoor unit clearances



Unit must be placed a minimum 18in (45cm) above any surfaces to allow for snow clearance and defrost runoff.

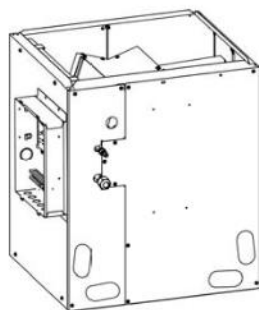
Please follow local best practices and guidelines.

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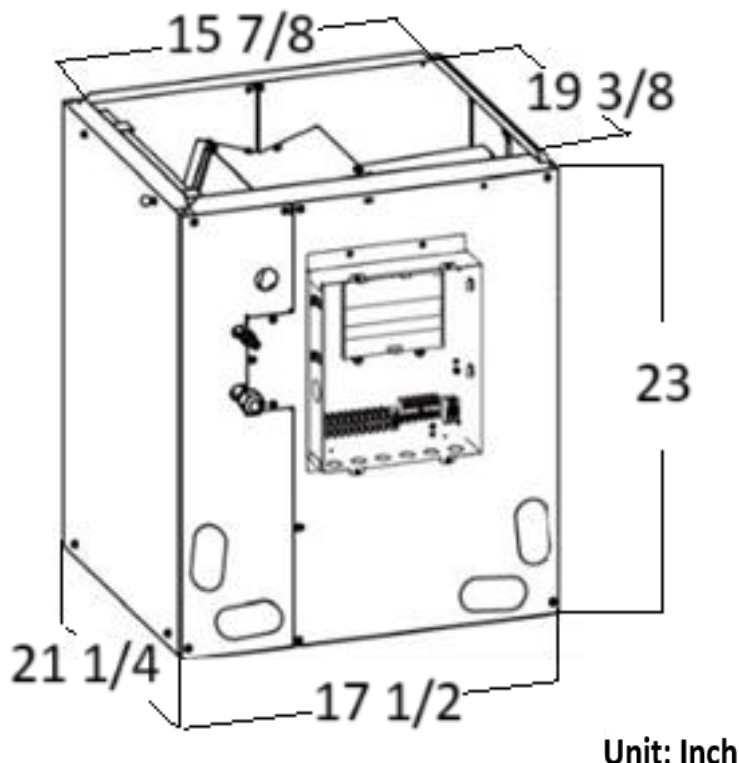
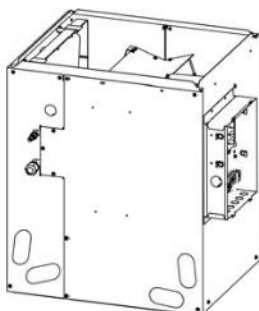
Indoor unit specifics

WLCAC36F/NhA

Move to the left:



Move to the right:



Unit: Inch

Control board can be moved according to installation needs

Optional Smart thermostat		Technical Specifications	
WK-010WC01 and WK-010WD1		Power Supply	24V/60Hz/1Ph
		Throttling method	Electronic Expansion Valve
		Connection method	Screwed
		Liquid pipe size	3/8in (9.52mm)
		Gas pipe size	3/4in (19mm)
		Net weight	75 lbs (34Kg)
		Gross Weight	83.8 Lbs (38Kg)
		Drain Pipe Outlet	SCH 40 3/4
		Includes R32 Refrigerant Sensor	
		Can be installed horizontally	