

ComfortStar®

Air Conditioning & Heating Products



24 VOLT HEAT PUMP SYSTEMS

RESIDENTIAL PRODUCTS CATALOG

BAH32 Series

15 SEER2



10 YEARS
WARRANTY
COMPRESSOR

10 YEARS
WARRANTY
PARTS



Comfort, it's in our name.

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24 VOLT CONNECTION HEAT PUMP SYSTEMS



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BAH32 Series

HEAT PUMP
TOP DISCHARGE
CONDENSING UNIT



1.5 Up To 5 Tons

24 VOLT CONNECTION

HEAT PUMP SYSTEMS

Wi Fi **OPTIONAL**

15 SEER2



FEATURES:

- Environmentally friendly R32 refrigerant with a low GWP value.
- Inverter Compressor designed for energy efficiency.
- Features thermal overload protection.
- Service valves with sweat connections and convenient gauge ports.
- Includes factory-installed high-pressure switch.
- AHRI certified and ETL listed.
- Compact design enables easy installation, clearance, durability, and maneuverability.
- Features a powder-painted galvanized steel cabinet chassis.
- Equipped with a protective steel louvered coil guard.
- Includes a steel wire axial fan guard.
- A PSC fan motor paired with a uniquely designed fan blade ensures smooth airflow and a quieter operation.



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BAH32 Series

HEAT PUMP TOP DISCHARGE CONDENSING UNIT

15 SEER2 1.5 UP TO 5 TONS



24 VOLT CONNECTION HEAT PUMP SYSTEMS

Wi Fi OPTIONAL

Outdoor Unit			BAH32-18-15	BAH32-24-15	BAH32-30-15	BAH32-36-15	BAH32-48-15	BAH32-60-15
Power Supply	Rated Voltage	V, Ph, Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz
Cooling	Capacity	Btu/h	18000	24000	30000	34200	48000	52500
	Input	W	1600	2450	2950	3500	5520	6580
Heating	Capacity	Btu/h	19000	26000	31000	36000	48000	54000
	Input	W	1600	2650	2750	3150	4350	4700
Outdoor Minimum Circuit Ampacity		A	16.0	20.0	22.5	25.0	37.0	42.0
Outdoor Max. Fuse		A	20.0	25.0	25.0	30.0	40.0	50.0
Outdoor Air Flow		CFM	2100	2100	2800	2800	3050	3050
Outdoor Noise Level		dB(A)	38.5	42.0	40.0	50.0	53.0	53.0
Connecting Wiring		AWG	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20
Communication Type			24V / 485	24V / 485	24V / 485	24V / 485	24V / 485	24V / 485
Throttle Type			Capillary	Capillary	Capillary	Capillary	Capillary	Capillary
Outdoor Unit	Dimension (W×D×H)	inch	23-5/8×23-5/8×25	23-5/8×23-5/8×25	29-9/64×29-9/64 ×25	29-9/64×29-9/64 ×25	29-9/64×29-9/64 ×32-7/8	29-9/64×29-9/64 ×32-7/8
	Packing (W×D×H)	inch	25-63/64×25-63/64× 26-3/16	25-63/64×25-63/64× 26-3/16	30-5/16×30-5/16× 26-3/16	30-5/16×30-5/16× 26-3/16	30-5/16×30-5/16× 34-1/16	30-5/16×30-5/16× 34-1/16
	Net/Gross Weight	lbs	111/118	114/120	140/148	140/148	170/181	170/181
Refrigeration	Type/Charge	oz	R32/65.26	R32/75.84	R32/102.29	R32/102.29	R32/119.93	R32/119.93
	Outdoor Additional Charge	oz/ft	0.52	0.52	0.52	0.52	0.52	0.52
	N.A. Design Pressure	PSI	174/609	174/609	174/609	174/609	174/609	174/609
Refrigerant Pipe	Liquid / Vapor Valve Size	inch	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)
	Max. Refrigerant Pipe Length	ft	98	164	164	246	246	246
	Max. Height Difference	ft	66	82	82	98	98	98
Operation Temperature	Cooling	°F	5-131	5-131	5-131	5-131	5-131	5-131
	Heating	°F	-4-75	-4-75	-4-75	-4-75	-4-75	-4-75



BAH32 Series

HEAT PUMP TOP DISCHARGE
CONDENSING UNIT

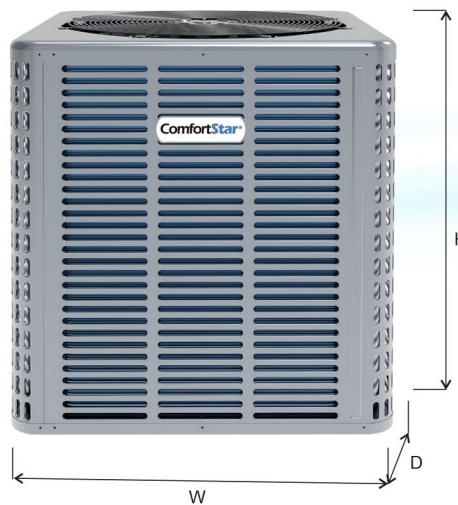


1.5 UP TO 5 TONS

24 VOLT CONNECTION
HEAT PUMP SYSTEMS

Wi Fi OPTIONAL

15 SEER2



UNIT DIMENSIONS

Model	Unit Width: "W" Inches	Unit Height: "D" Inches	Unit Depth: "H" Inches
BAH32-18-15	23-5/8	23-5/8	25
BAH32-24-15	23-5/8	23-5/8	25
BAH32-30-15	29-9/64	29-9/64	25
BAH32-36-15	29-9/64	29-9/64	25
BAH32-48-15	29-9/64	29-9/64	32-7/8
BAH32-60-15	29-9/64	29-9/64	32-7/8





LUC32 Series

HIGH EFFICIENCY
AIR HANDLER

1.5 UP TO 5 TONS

24 VOLT CONNECTION

HEAT PUMP SYSTEMS

Wi Fi **OPTIONAL**



15 SEER2



FEATURES:

- A-shaped coil design for efficient heat transfer and low airflow resistance.
- Foil-faced insulation helps prevent energy loss.
- Factory-sealed cabinet keeps air leakage below 2% at standard pressure.
- Multi-speed blower adjusts to different heating and cooling needs.
- Can be installed in four positions: Upflow, Horizontal Right, Downflow, or Horizontal Left.
- Optional electric heater kits (5 to 20 kW) available, with multiple wiring options.



LUC32 Series

HIGH EFFICIENCY AIR HANDLER



15 SEER2 1.5 UP TO 5 TONS



24 VOLT CONNECTION HEAT PUMP SYSTEMS

Wi Fi OPTIONAL

Indoor Unit			LUC32-18-15	LUC32-24-15	LUC32-30-15	LUC32-36-15	LUC32-48-15	LUC32-60-15
Power Supply	Rated Voltage	V, Ph, Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz
Cooling	Capacity	Btu/h	18000	23000	30000	34200	48000	52500
Heating	Capacity	Btu/h	19000	26000	31000	36000	48000	54000
Indoor Minimum Circuit Ampacity		A	2.1	2.3	2.9	2.9	4.6	7.0
Indoor Max. Fuse		A	3.0	3.0	3.0	3.0	6.0	10.0
Indoor Air Flow (H/L)		CFM	680/400	850/680	1100/600	1100/600	1450/1100	1740/750
Indoor Noise Level (H/L)		dB(A)	38.5/34	42/38	40/36	50/42.5	53/46	53/46
N.A. Design Pressure		PSI	174/609	174/609	174/609	174/609	174/609	174/609
Indoor Unit	Dimension (W×D×H)	inch	17-33/64×21-1/32×45	17-33/64×21-1/32×45	21-1/32×21-1/32×45	21-1/32×21-1/32×49-7/32	24-31/64×21-1/32×53-3/16	24-31/64×21-1/32×53-3/16
	Packing (W×D×H)	inch	26-37/64×20-55/64×46-17/64	26-37/64×20-55/64×46-17/64	24-13/32×26-37/64×50-13/64	24-13/32×26-37/64×50-13/64	27-7/8×26-37/64×54-9/64	27-7/8×26-37/64×54-9/64
	Net/Gross Weight	lbs	112/126	115/128	142/157	142/157	172/191	164/183
Refrigerant Piping	Liquid Side/Gas Side	inch	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)
Connecting Wiring		AWG	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20
Communication Type			24V / 485	24V / 485	24V / 485	24V / 485	24V / 485	24V / 485
Throttle Type			Piston	Piston	Piston	Piston	Piston	Piston
Setting Temp. Range		°F	62-90	62-90	62-90	62-90	62-90	62-90

BAH32 & LUC32 Series

CONDENSING UNIT
+ AIR HANDLER SYSTEMS

15 SEER2



24 VOLT CONNECTION

HEAT PUMP SYSTEMS

Wi Fi

OPTIONAL

Outdoor Unit			BAH32-18-15	BAH32-24-15	BAH32-30-15	BAH32-36-15	BAH32-48-15	BAH32-60-15
Indoor Unit			LUC32-18-15	LUC32-24-15	LUC32-30-15	LUC32-36-15	LUC32-48-15	LUC32-60-15
Power Supply	Rated Voltage	V, Ph, Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz
Cooling	Capacity	Btu/h	18000	23000	30000	34200	48000	52500
	SEER2	Btu/h/W	15.0	15.0	15.0	15.0	15.0	15.0
	EER2	Btu/h/W	11.3	9.7	10.5	9.5	8.7	8.2
Heating	Capacity	Btu/h	19000	26000	31000	36000	48000	54000
	HSPF2-4	Btu/h/W	8.3	8.1	8.4	8.1	8.4	8.5
Indoor Max. Fuse		A	3.0	3.0	3.0	3.0	6.0	10.0
Indoor Air Flow (H/L)		CFM	680/400	850/680	1100/600	1100/600	1450/1100	1740/750
Indoor Noise Level (H/L)		dB(A)	38.5/34	42/38	40/36	50/42.5	53/46	53/46
N.A. Design Pressure		PSI	174/609	174/609	174/609	174/609	174/609	174/609
Indoor Unit	Dimension (W×D×H)	inch	17-33/64×21-1/32×45	17-33/64×21-1/32×45	21-1/32×21-1/32×49-7/32	21-1/32×21-1/32×49-7/32	24-31/64×21-1/32×52-63/64	24-31/64×21-1/32×52-63/64
	Packing Dimension (W×D×H)	inch	26-37/64×20-55/64×46-17/64	26-37/64×20-55/64×46-17/64	24-13/32×26-37/64×50-13/64	24-13/32×26-37/64×50-13/64	27-7/8×26-37/64×54-9/64	27-7/8×26-37/64×54-9/64
	Net / Gross Weight	lbs	112/126	115/128	142/157	142/157	172/191	164/183
Refrigerant Piping	Liquid Side/ Gas Side	inch	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)
Connecting Wiring		AWG	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20
Communication Type			24V / 485	24V / 485	24V / 485	24V / 485	24V / 485	24V / 485
Throttle Type			Piston	Piston	Piston	Piston	Piston	Piston
Setting Temp. Range		°F	62-90	62-90	62-90	62-90	62-90	62-90



LUC32 Series

HIGH EFFICIENCY
AIR HANDLER

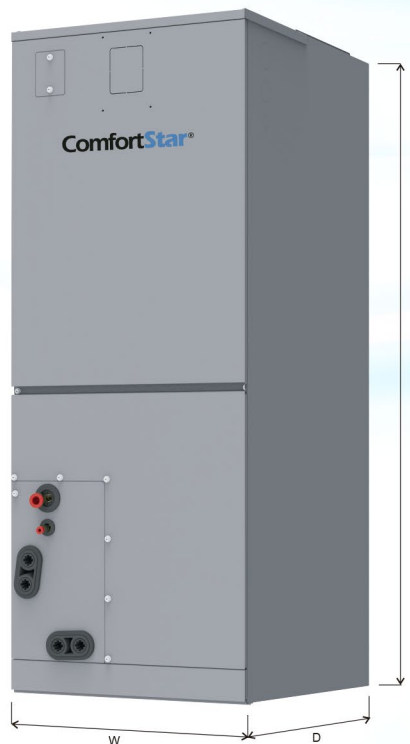


1.5 UP TO 5 TONS

24 VOLT CONNECTION
HEAT PUMP SYSTEMS

Wi Fi OPTIONAL

15 SEER2



UNIT DIMENSIONS

Model	Unit Width: "W" inches	Unit Depth: "D" inches	Unit Height: "H" Inches
LUC32-18-15	17-33/64	21-1/32	45
LUC32-24-15	17-33/64	21-1/32	45-5/64
LUC32-30-15	21-1/32	21-1/32	49-7/32
LUC32-36-15	21-1/32	21-1/32	49-7/32
LUC32-48-15	24-31/64	21-1/32	52-63/64
LUC32-60-15	24-31/64	21-1/32	52-63/64





CWM32 Series

FRONT RETURN
AIR HANDLER



1.5 Up To 3 Tons

24 VOLT CONNECTION

HEAT PUMP SYSTEMS

Wi Fi **OPTIONAL**

15 SEER2



FEATURES:

- Direct-drive, multi-speed motors for adjusting air volume during heating or cooling.
 - Multi-speed PSC motor.
- Includes a thermoplastic drain pan with primary and secondary drain connections at the bottom.
- Equipped with a built-in filter rack.
- Includes a wall-hanging bracket.
- Offers the option of front or bottom return.
- Optional heating elements available in 5kW, 7.5kW, and 10kW.
- Features an all-aluminum coil.
- AHRI listed and ETL listed.



CWM32 Series

FRONT RETURN
AIR HANDLER



15 SEER2 1.5 UP TO 3 TONS



24 VOLT CONNECTION HEAT PUMP SYSTEMS

Wi Fi OPTIONAL

Indoor Unit			CWM32-18-15	CWM32-24-15	CWM32-30-15	CWM32-36-15
Power Supply	Rated Voltage	V, Ph, Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz
Cooling	Capacity	Btu/h	18000	24000	30000	34200
Heating	Capacity	Btu/h	19000	26000	31000	36000
Indoor Minimum Circuit Ampacity		A	2.1	2.1	2.6	2.6
Indoor Max. Fuse		A	15.0	15.0	15.0	15.0
Indoor Air Flow (H/L)		CFM	605/512	796/660	965/766	1160/930
Indoor Noise Level (H/L)		dB(A)	49	52	49	52
N.A. Design Pressure		PSI	174/609	174/609	174/609	174/609
Indoor Unit	Dimension (W×D×H)	inch	20-25/32×15-13/64 ×36-1/32	20-25/32×15-13/64 ×36-1/32	22-1/8×19-1/16 ×39-41/64	22-1/8×19-1/16 ×39-41/64
	Packing (W×D×H)	inch	23-15/64×17-23/32 ×39-11/64	23-15/64×17-23/32 ×39-11/64	24-21/64×21-9/64 ×42-53/64	24-21/64×21-9/64 ×42-53/64
	Net/Gross Weight	lbs	88/95	88/95	108/121	108/121
Refrigerant Piping	Liquid Side/Gas Side	inch	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)
Connecting Wiring		AWG	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20
Communication Type			24V / 485	24V / 485	24V / 485	24V / 485
Throttle Type			Piston	Piston	Piston	Piston
Setting Temp. Range		°F	62-90	62-90	62-90	62-90

BAH32 & CWM32 Series

CONDENSING UNIT
+ AIR HANDLER SYSTEMS

15 SEER2



24 VOLT CONNECTION HEAT PUMP SYSTEMS

Wi Fi OPTIONAL

Outdoor Unit			BAH32-18-15	BAH32-24-15	BAH32-30-15	BAH32-36-15
Indoor Unit			CWM32-18-15	CWM32-24-15	CWM32-30-15	CWM32-36-15
Power Supply	Rated Voltage	V, Ph, Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz	208/230V, 1Ph, 60Hz
Cooling	Capacity	Btu/h	18000	24000	30000	34200
	SEER2	Btu/h/W	14.5	14.5	14.5	14.5
	EER2	Btu/h/W	10.0	9.5	9.5	9.0
Heating	Capacity	Btu/h	19000	26000	31000	36000
	HSPF2-4	Btu/h/W	8.4	8.1	8.5	8.0
Indoor Max. Fuse		A	15.0	15.0	15.0	15.0
Indoor Air Flow (H/L)		CFM	605/512	796/660	965/766	1160/930
Indoor Noise Level (H/L)		dB(A)	49	52	49	52
N.A. Design Pressure		PSI	174/609	174/609	174/609	174/609
Indoor Unit	Dimension (W×D×H)	inch	20-25/32×15-13/64 ×36-1/32	20-25/32×15-13/64 ×36-1/32	22-1/8×19-1/16 ×39-41/64	22-1/8×19-1/16 ×39-41/64
	Packing Dimension (W×D×H)	inch	23-15/64×17-23/32 ×39-11/64	23-15/64×17-23/32 ×39-11/64	24-21/64×21-9/64 ×42-53/64	24-21/64×21-9/64 ×42-53/64
	Net /Gross Weight	lbs	88/95	88/95	108/121	108/121
Refrigerant Piping	Liquid Side/Gas Side	inch	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)
Connecting Wiring		AWG	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20	485: AWG 25*3 Shielded, 24V: AWG 20
Communication Type			24V / 485	24V / 485	24V / 485	24V / 485
Throttle Type			Piston	Piston	Piston	Piston
Setting Temp. Range		°F	62-90	62-90	62-90	62-90



CWM32 Series

FRONT RETURN
AIR HANDLER



1.5 Up To 3 Tons

24 VOLT CONNECTION
HEAT PUMP SYSTEMS

Wi Fi OPTIONAL

15 SEER2



UNIT DIMENSIONS

Model	Unit Width: "W" Inches	Unit Depth: "D" Inches	Unit Height: "H" Inches
CWM32-18-15	20-25/32	15-13/64	36-1/32
CWM32-24-15	20-25/32	15-13/64	36-1/32
CWM32-30-15	22-1/8	19-1/16	39-41/64
CWM32-36-15	22-1/8	19-1/16	39-41/64





AC32 Series

INVERTER CASED COIL
PRE-PACKAGED
EVAPORATOR



1.5 To 5 Tons

24 VOLT CONNECTION
HEAT PUMP SYSTEMS

14.3 SEER2



FEATURES:

- Capacity Range: 18K–60K Btu/h to meet a variety of cooling and heating needs.
- All-Aluminum Heat Exchanger: Provides excellent corrosion resistance and long service life.
- Flexible Design: Multiple structures accommodate gas furnaces of different dimensions.
- Compact Structure: Allows high loading quantity for easier transportation and installation.
- Outdoor Unit Compatibility: Can be paired with DC inverter or on/off outdoor units for versatile system configurations.



BAH32 & AC32 Series

INVERTER CONDENSING UNIT
+ CASDED COIL

14.3 SEER2 1.5 TO 5 TONS



COMBINATION TABLE

24 VOLT CONNECTION

HEAT PUMP SYSTEMS

Indoor Unit	Indoor Unit		AC32-3036C-15	AC32-4860C-15	AC32-4860D-15	AC32-4860C-15	AC32-4860D-15
	Outdoor Unit		BAH32-36-15	BAH32-48-15	BAH32-48-15	BAH32-60-15	BAH32-60-15
Power Supply		V, Ph, Hz	208/230, 1, 60,	208/230, 1, 60,	208/230, 1, 60,	208/230, 1, 60,	208/230, 1, 60,
Cooling	Capacity	Btu/h	36000	48000	48000	52500	52500
	SEER2	Btu/W	14.3	14.3	14.3	14.3	14.3
	EER2	Btu/W	10.2	9.0	9.0	8.4	8.4
Heating	Capacity	Btu/h	36000	48000	48000	54000	54000
	HSPF2	Btu/W	8.0	8.4	8.4	8.5	8.5
"Heating capacity at 5 °F(-15°C)"	Rated capacity	Btu/h	26000	35000	35000	36000	36000
	COP	W/W	1.78	1.75	1.75	1.72	1.72
Indoor coil	Number of rows		4	5	5	5	5
	Tube OD	inch	9/32	9/32	9/32	9/32	9/32
Indoor Unit	Unit Dimension(W*D*H)	inch	21-1/32x21-1/32x 23-37/64	21-1/32x21-1/32x 27-51/64	24-31/64x21-1/32x 27-51/64	21-1/32x21-1/32x 27-51/64	24-31/64x21-1/32x 27-51/64
	Unit packing Dimension (W*D*H)	inch	24-1/64x26-49/64x 26-63/64	24-1/64x26-49/64x 29-59/64	27-9/16x26-49/64x 29-59/64	24-1/64x26-49/64x 29-59/64	27-9/16x26-49/64x 29-59/64
	Net/Gross Weight	lbs.	64/74	81/92	97/115	81/92	97/115
Compressor	Type		DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary
	Model		KTM240D57UMT	KTM310D85UMT	KTM310D85UMT	KTM310D85UMT	KTM310D85UMT
	Rated Power Input	W	2085	2680	2680	2680	2680
Outdoor fan motor	Type		BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Power Input	w	200	200	200	200	200
Refrigerant system	Type/charging volume		R32/6.40	R32/7.50	R32/7.50	R32/7.50	R32/7.50
	Liquid side/Gas side	inch	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)
	Max. refrigerant pipe length	feet	246	246	246	246	246
	Max. difference in level	feet	98	98	98	98	98
Outdoor Unit	Unit Dimension (W*D*H)	inch	29-9/64x29-9/64x 25	29-9/64x29-9/64x 32-7/8	29-9/64x29-9/64x 32-7/8	29-9/64x29-9/64x 32-7/8	29-9/64x29-9/64x 32-7/8
	Packing Dimension (W*D*H)	inch	30-5/16x30-5/16x 26-3/16	30-5/16x30-5/16x 34-1/16	30-5/16x30-5/16x 34-1/16	30-5/16x30-5/16x 34-1/16	30-5/16x30-5/16x 34-1/16
	Net/Gross Weight	lbs.	140/148	170/181	170/181	170/181	170/181
"Ambient temp. operation range"	Cooling	°F	5~131	5~131	5~131	5~131	5~131
	Heating	°F	-4~75	-4~75	-4~75	-4~75	-4~75

BAH32 & AC32 Series

INVERTER CONDENSING UNIT
+ CASSED COIL

14.3 SEER2 1.5 TO 5 TONS



COMBINATION TABLE

24 VOLT CONNECTION

HEAT PUMP SYSTEMS

Indoor Unit	Indoor Unit		AC32-1824B-15	AC32-1824B-15	AC32-3036B-15	AC32-3036C-15	AC32-3036B-15
	Outdoor Unit		BAH32-18-15	BAH32-24-15	BAH32-30-15	BAH32-30-15	BAH32-36-15
Power Supply		V, Ph, Hz	208/230, 1, 60,	208/230, 1, 60,	208/230, 1, 60,	208/230, 1, 60,	208/230, 1, 60,
Cooling	Capacity	Btu/h	18000	24000	30000	30000	36000
	SEER2	Btu/W	14.3	14.3	14.3	14.3	14.3
	EER2	Btu/W	9.5	9.2	10.5	10.5	10.2
Heating	Capacity	Btu/h	19000	26000	31000	31000	36000
	HSPF2	Btu/W	8.4	8.1	8.5	8.5	8.0
"Heating capacity at 5°F (-15°C)"	Rated capacity	Btu/h	14000	19000	23000	23000	26000
	COP	W/W	1.8	1.75	1.85	1.85	1.78
Indoor coil	Number of rows		3	3	4	4	4
	Tube OD	inch	9/32	9/32	9/32	9/32	9/32
Indoor Unit	Unit Dimension (W*D*H)	inch	17-33/64x21-1/32x 17-63/64	17-33/64x21-1/32x 17-63/64	17-33/64x21-1/32x 23-37/64	21-1/32x21-1/32x 23-37/64	17-33/64x21-1/32x 23-37/64
	Unit Packing Dimension (W*D*H)	inch	20-15/32x26-49/64x 20-5/64	20-15/32x26-49/64x 20-5/64	20-15/32x26-49/64x 25-63/64	24-1/64x26-49/64x 26-63/64	20-15/32x26-49/64x 25-63/64
	Net/Gross Weight	lbs.	42/50	42/50	59.5/68	64/74	59.5/68
Compressor	Type		DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary
	Model		KTN210D60UMT3	KTN210D60UMT3	KTM240D57UMT	KTM240D57UMT	KTM240D57UMT
	Rated Power Input	W	1870	1870	2085	2085	2085
Outdoor fan motor	Type		BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Power Input	W	200	200	200	200	200
Refrigerant system	Type/charging volume		R32/4.74	R32/4.74	R32/6.40	R32/6.40	R32/6.40
	Liquid side/Gas side	inch	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)	(3/8) / (3/4)
	Max. refrigerant pipe length	feet	164	164	164	164	246
	Max. difference in level	feet	82	82	82	82	98
Outdoor Unit	Unit Dimension (W*D*H)	inch	23-5/8x23-5/8x 25	23-5/8x23-5/8 x25	29-9/64x29-9/64x 25	29-9/64x29-9/64x 25	29-9/64x29-9/64x 25
	Packing Dimension (W*D*H)	inch	25-63/64x25-63/64x 26-3/16	25-63/64x25-63/64x 26-3/16	30-5/16x30-5/16x 26-3/16	30-5/16x30-5/16x 26-3/16	30-5/16x30-5/16x 26-3/16
	Net/Gross Weight	lbs.	114/120	114/120	140/148	140/148	140/148
"Ambient temp. operation range"	Cooling	°F	5~131	5~131	5~131	5~131	5~131
	Heating	°F	-4~75	-4~75	-4~75	-4~75	-4~75



AC32 Series

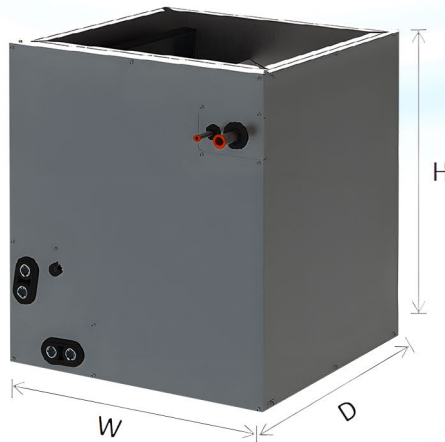
INVERTER PRE-PACKAGED
EVAPORATOR



1.5 To 5 Tons

24 VOLT CONNECTION
HEAT PUMP SYSTEMS

14.3 SEER2



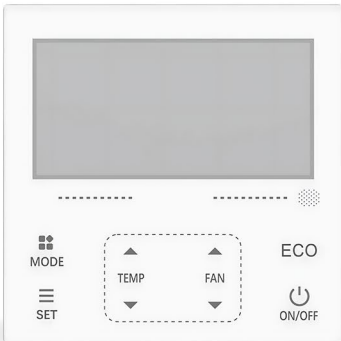
UNIT DIMENSIONS

Model	UNIT DIMENSION
	(W*D*H)
AC32-1824B-15	17-33/64*21-1/32*17-63/64
AC32-3036B-15	17-33/64*21-1/32*23-37/64
AC32-3036C-15	21-1/32*21-1/32*23-37/64
AC32-4860C-15	21-1/32*21-1/32*27-51/64
AC32-4860D-15	24-31/64-1/32*27-51/64



CONTROLS

Wi-Fi OPTIONAL



Part No. CW32-WIFI:

Features with WI-FI & Programmable:



- Cooling, Heating, Fan, and Dehumidify Modes.
- Adjustable Temperature and Fan Speed.
- On/Off Timer.
- Built-in Wi-Fi for Smart Control.
- Weekly Scheduling via Smart Life App.
- System Info and Settings Check.
- Error Code Display.
- Remote Receiver Range: Works with wired connections up to 100 meters.
- Smartphone Control: Download the “Smart Life” app to control the unit from your phone.



Part No. LDSK32A:

Features of Leakage Detector Sensor Kit:

- 24V Signal Input from Thermostat.
- 24V Signal Output to Indoor and Outdoor Units.
- Communication Port for Refrigerant Leakage Detector.
- Built-in Alarm: LED light and buzzer alert for system issues.

Model	Wired Control with Wi-Fi & Programmable	Leakage Detector Sensor Kit
	 CW32-WIFI	 LDSK32A
LUC32	Optional	/
CWM32	Optional	/
BAH32	/	Optional

MATCH UP TABLES BAH32 SERIES



LUC32 & BAH32 Series

Indoor Unit	Outdoor Unit	Cooling Capacity (Btu/h)	SEER2 (Btu/h/W)	EER2 (Btu/h/W)	Heating Capacity (Btu/h)	HSPF2-4 (Btu/h/W)
LUC32-18-15	BAH32-18-15	18000	15.0	11.3	19000	8.3
LUC32-24-15	BAH32-24-15	23000	15.0	9.7	26000	8.1
LUC32-30-15	BAH32-30-15	30000	15.0	10.5	31000	8.4
LUC32-36-15	BAH32-36-15	34200	15.0	9.5	36000	8.1
LUC32-48-15	BAH32-48-15	48000	15.0	8.7	48000	8.4
LUC32-60-15	BAH32-60-15	52500	15.0	8.2	54000	8.5



CWM32 & BAH32 Series

Indoor Unit	Outdoor Unit	Cooling Capacity (Btu/h)	SEER2 (Btu/h/W)	EER2 (Btu/h/W)	Heating Capacity (Btu/h)	HSPF2-4 (Btu/h/W)
CWM32-18-15	BAH32-18-15	18000	14.5	10.0	19000	8.4
CWM32-24-15	BAH32-24-15	24000	14.5	9.5	26000	8.1
CWM32-30-15	BAH32-30-15	30000	14.5	9.5	31000	8.5
CWM32-36-15	BAH32-36-15	34200	14.5	9.0	36000	8.0



AC32 & BAH32 Series

Indoor Unit	Outdoor Unit	Cooling Capacity (Btu/h)	SEER2 (Btu/h/W)	EER2 (Btu/h/W)	Heating Capacity (Btu/h)	HSPF2-4 (Btu/h/W)
AC32-1824B-15	BAH32-18-15	18000	14.3	9.5	19000	8.4
AC32-1824B-15	BAH32-24-15	24000	14.3	9.2	26000	8.1
AC32-3036B-15	BAH32-30-15	30000	14.3	10.5	31000	8.5
AC32-3036C-15	BAH32-30-15	30000	14.3	10.5	31000	8.5
AC32-3036B-15	BAH32-36-15	36000	14.3	10.2	36000	8.0
AC32-3036C-15	BAH32-36-15	36000	14.3	10.2	36000	8.0
AC32-4860C-15	BAH32-48-15	48000	14.3	9	48000	8.4
AC32-4860D-15	BAH32-48-15	48000	14.3	9	48000	8.4
AC32-4860C-15	BAH32-60-15	52500	14.3	8.4	54000	8.5
AC32-4860D-15	BAH32-60-15	52500	14.3	8.4	54000	8.5



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