

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.

12860 N.W. South River Dr. | Medley, FL 33178

Toll Free: 1-866-524-9898 | Phone: 1-305-500-9898 | Fax: 1-305-500-9896 Email us: info@comfortstarusa.com

www.comfortstarusa.com



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
Outdoor	Cooling	°F	5-125	5-125	5-125	5-125	5-125	5-125
	Heating	°F	-4-86	-4-86	-4-86	-4-86	-4-86	-4-86



BAH32 Series

HEAT PUMP TOP DISCHARGE
CONDENSING UNIT

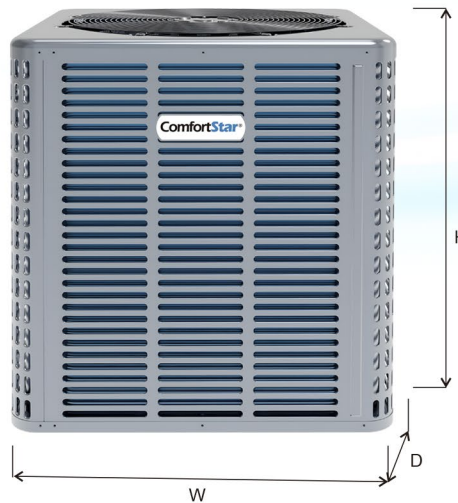


1.5 UP TO 5 TONS

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
Indoor (Setting Tem.)	Cooling	°F	60-90	60-90	60-90	60-90	60-90	60-90
	Heating	°F	32-86	32-86	32-86	32-86	32-86	32-86

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
Outdoor	Cooling	°F	5-125	5-125	5-125	5-125	5-125	5-125
	Heating	°F	-4-86	-4-86	-4-86	-4-86	-4-86	-4-86
Indoor (Setting Tem.)	Cooling	°F	60-90	60-90	60-90	60-90	60-90	60-90
	Heating	°F	32-86	32-86	32-86	32-86	32-86	32-86



LUC32 Series

HIGH EFFICIENCY
AIR HANDLER

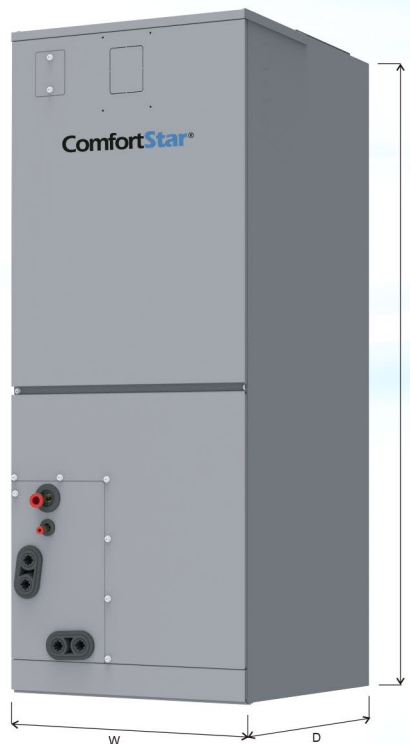


1.5 UP TO 5 TONS

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
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**

14.5 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



14.5 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	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
Indoor (Setting Tem.)	Cooling	°F	60-90	60-90	60-90	60-90
	Heating	°F	32-86	32-86	32-86	32-86

BAH32 & CWM32 Series

CONDENSING UNIT
+ AIR HANDLER SYSTEMS

14.5 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
Outdoor	Cooling	°F	5-125	5-125	5-125	5-125
	Heating	°F	-4-86	-4-86	-4-86	-4-86
Indoor (Setting Tem.)	Cooling	°F	60-90	60-90	60-90	60-90
	Heating	°F	32-86	32-86	32-86	32-86



CWM32 Series

FRONT RETURN
AIR HANDLER



1.5 Up To 3 Tons

24 VOLT CONNECTION
HEAT PUMP SYSTEMS

Wi Fi OPTIONAL

14.5 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



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	23-5/8x23-5/8x 25	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
Outdoor	Cooling	°F	5~125	5~125	5~125	5~125	5~125
	Heating	°F	-4~86	-4~86	-4~86	-4~86	-4~86
Indoor (Setting Tem.)	Cooling	°F	60~90	60~90	60~90	60~90	60~90
	Heating	°F	32~86	32~86	32~86	32~86	32~86

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		AC32-3036C-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	21-1/32x21-1/32x23-37/64	21-1/32x21-1/32x27-51/64	24-31/64x21-1/32x27-51/64	21-1/32x21-1/32x27-51/64	24-31/64x21-1/32x27-51/64
	Unit packing Dimension (W*D*H)	inch	24-1/64x26-49/64x26-63/64	24-1/64x26-49/64x29-59/64	27-9/16x26-49/64x29-59/64	24-1/64x26-49/64x29-59/64	27-9/16x26-49/64x29-59/64
	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		KTM240D5UMT	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	29-9/64x29-9/64x25	29-9/64x29-9/64x32-7/8	29-9/64x29-9/64x32-7/8	29-9/64x29-9/64x32-7/8	29-9/64x29-9/64x32-7/8
	Packing Dimension (W*D*H)	inch	30-5/16x30-5/16x26-3/16	30-5/16x30-5/16x34-1/16	30-5/16x30-5/16x34-1/16	30-5/16x30-5/16x34-1/16	30-5/16x30-5/16x34-1/16
	Net/Gross Weight	lbs.	140/148	170/181	170/181	170/181	170/181
Outdoor	Cooling	°F	5~125	5~125	5~125	5~125	5~125
	Heating	°F	-4~86	-4~86	-4~86	-4~86	-4~86
Indoor (Setting Tem.)	Cooling	°F	60~90	60~90	60~90	60~90	60~90
	Heating	°F	32~86	32~86	32~86	32~86	32~86



AC32 Series

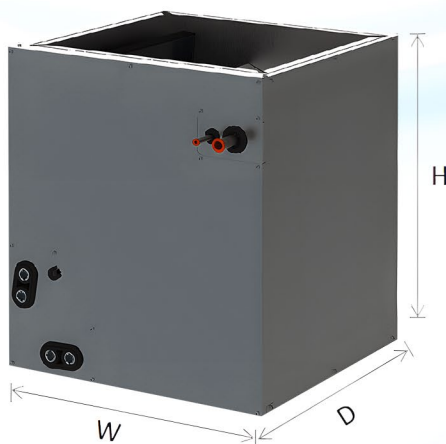
INVERTER PRE-PACKAGED
EVAPORATOR



1.5 To 5 Tons

24 VOLT CONNECTION
HEAT PUMP SYSTEMS

14.3 SEER2



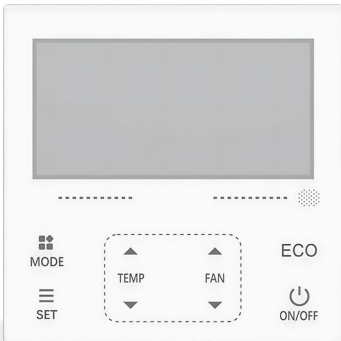
UNIT DIMENSIONS

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	24-16/32*21-2/64*27-13/16



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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