



# Submittal

## Split System Cooling

LUC4-24-15

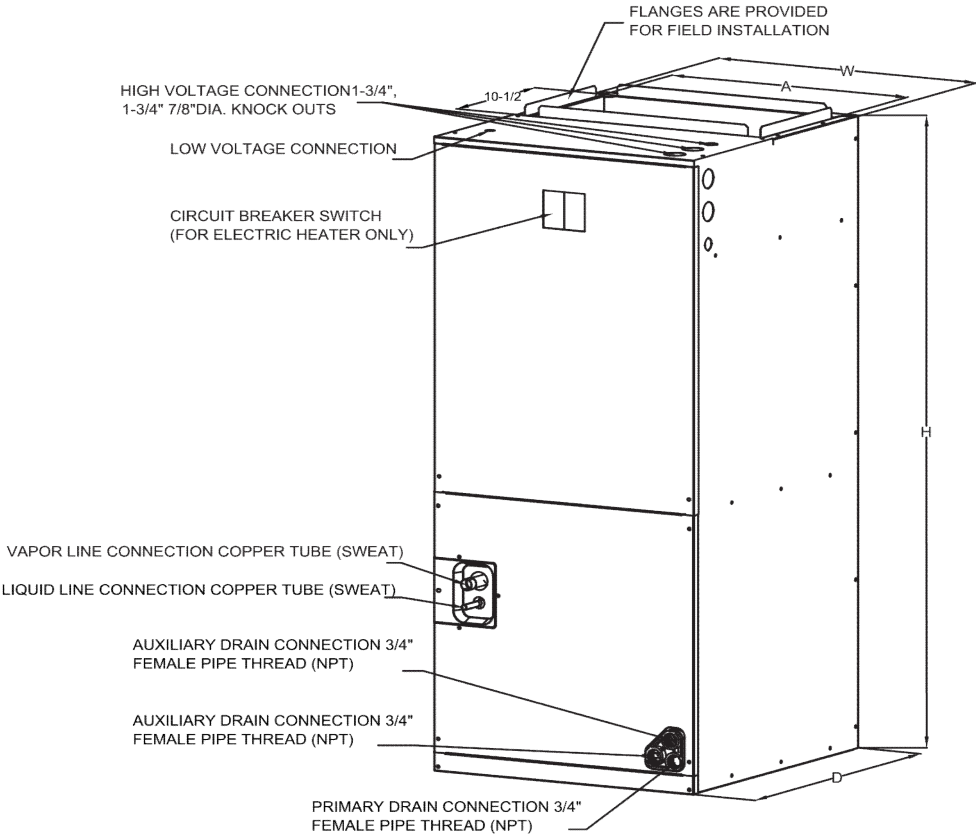
Location: \_\_\_\_\_  
Engineer: \_\_\_\_\_  
Submitted to: \_\_\_\_\_  
Submitted by: \_\_\_\_\_  
Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
Date: \_\_\_\_\_  
Construction: \_\_\_\_\_  
Unit # : \_\_\_\_\_  
Drawing # : \_\_\_\_\_



Note: "Graphics in this document are for representation only. Actual model may differ in appearance."

## Unit dimension



UNIT DIMENSION	18K	24K	30K	36K	42K	48K	60K
Height (in.)	45-3/4	45-3/4	45-3/4	45-3/4	45-3/4	53-1/8	53-1/8
Width (in.)	19-2/3	19-2/3	19-2/3	19-2/3	19-2/3	22	22
Depth (in.)	22	22	22	22	22	24	24

## Specification

Unit model			<b>LUC4-24-15</b>
Power supply	Voltage range	V/Ph/Hz	208~230V/1N/60Hz
Cooling	Capacity	Btu/h	23600
Indoor external static pressure		Pa	125
Throttle type			piston
Indoor fan motor	Type		ECM
	Output	W	249
	Capacitor	μF	/
	rate current	A	2.6
	Speed (Hi/Me/Lo)	rpm	/
blower	Diameter	in	12.3125
	Width	in	12.90625
Indoor air flow		CFM	742
Indoor noise level		dB(A)	54
Outdoor unit	Dimension(W×D×H)	in	19-2/3×45-3/4×22
		mm	500×1162×560
	Packing (W×D×H)	in	22-5/6×47-5/8×25-3/5
		mm	580×1210×650
	Net/Gross weight	kg	59/64
		lbs	130/141

Outdoor Unit	Indoor Unit	Cooling Capacity	EER2	SEER2
BAR4-24-15	LUC4-24-15	23600	11.7	14.3

### Heater Kit Accessories

Model	Description	18	24	30	36	42	48	60
CHE3-05B	5 kW heating kit, single-pole circuit breaker	•	•	•	•	•	•	•
CHE3-08B	7.5 kW heating kit, single-pole circuit breaker	•	•	•	•	•	•	•
CHE3-10B	10 kW heating kit, single/double pole circuit breaker	x	•	•	•	•	•	•
CHE3-15B	15kW heating kit, double pole circuit breaker	x	x	x	•	•	•	•
CHE3-20B	20 kW heating kit, double pole circuit breaker	x	x	x	x	x	•	•

### MCA/MOP data of electric heat kit

Heat kit model	AHU model	(kW) electric heat	MIN. Circuit Ampacity		MAX. Fuse or Breaker (HACR) Ampacity		Fan speed				
			230 VAC	208 VAC	230 VAC	208 VAC	1	2	3	4	5
CHE3-05B	18K	5	22.68	19.66	25	25	•	•	•	•	•
CHE3-08B		7.5	34.04	29.50	40	35	x	x	•	•	•
CHE3-05B	24K	5	22.68	19.66	25	25	•	•	•	•	•
CHE3-08B		7.5	34.04	29.50	40	35	x	x	•	•	•
CHE3-10B		10	45.37	39.32	55	45	x	x	•	•	•
CHE3-05B	30K	5	22.68	19.66	25	25	•	•	•	•	•
CHE3-08B		7.5	34.04	29.50	40	35	x	•	•	•	•
CHE3-10B		10	45.37	39.32	55	45	x	x	•	•	•
CHE3-05B	36K	5	22.68	19.66	30	30	•	•	•	•	•
CHE3-08B		7.5	34.04	29.50	40	35	x	•	•	•	•
CHE3-10B		10	45.37	39.32	60	60	x	x	•	•	•
CHE3-15B		15	34.04/34.04	29.50/29.50	40/40	35/35	x	x	•	•	•
CHE3-05B	42K	5	22.68	19.66	25	25	•	•	•	•	•
CHE3-08B		7.5	34.04	29.50	40	35	•	•	•	•	•
CHE3-10B		10	45.37	39.32	55	45	x	•	•	•	•
CHE3-15B		15	34.04/34.04	29.50/29.50	40/40	35/35	x	x	•	•	•
CHE3-05B	48K	5	22.68	19.66	25	25	•	•	•	•	•
CHE3-08B		7.5	34.04	29.50	40	35	•	•	•	•	•
CHE3-10B		10	45.37	39.32	55	45	x	•	•	•	•
CHE3-15B		15	34.04/34.04	29.50/29.50	40/40	35/35	x	x	•	•	•
CHE3-20B		20	45.37/45.37	39.32/39.32	55/55	45/45	x	x	x	•	•
CHE3-05B	60K	5	22.68	19.66	25	25	x	x	•	•	•
CHE3-08B		7.5	34.04	29.50	40	35	x	x	•	•	•
CHE3-10B		10	45.37	39.32	55	45	x	x	•	•	•
CHE3-15B		15	34.04/34.04	29.50/29.50	40/40	35/35	x	x	•	•	•
CHE3-20B		20	45.37/45.37	39.32/39.32	55/55	45/45	x	x	x	•	•

# ComfortStar®

12201 N W 107th Avenue  
Miami, FL 33178  
1.866.524.9898 Toll Free  
305.500.9898 Office  
305.500.9896 Fax  
<http://www.comfortstarusa.com>

---



The AHRI mark indicates Comfortstar participating in the AHRI Certification program. Visit [ahridirectory.org](http://ahridirectory.org) for verification of individual certified products. Comfortstar reserves the right to change design and specs without notice. Comfortstar has a policy of update the data continuously. We are committed to using environmentally conscious print practices.

LUC4-24-15 11 Nov 2022  
Supersedes LUC4-24-15 (Nov.2022)

© 2022 ComfortStar