



Submittal

Split System Cooling

LUC5-60-15

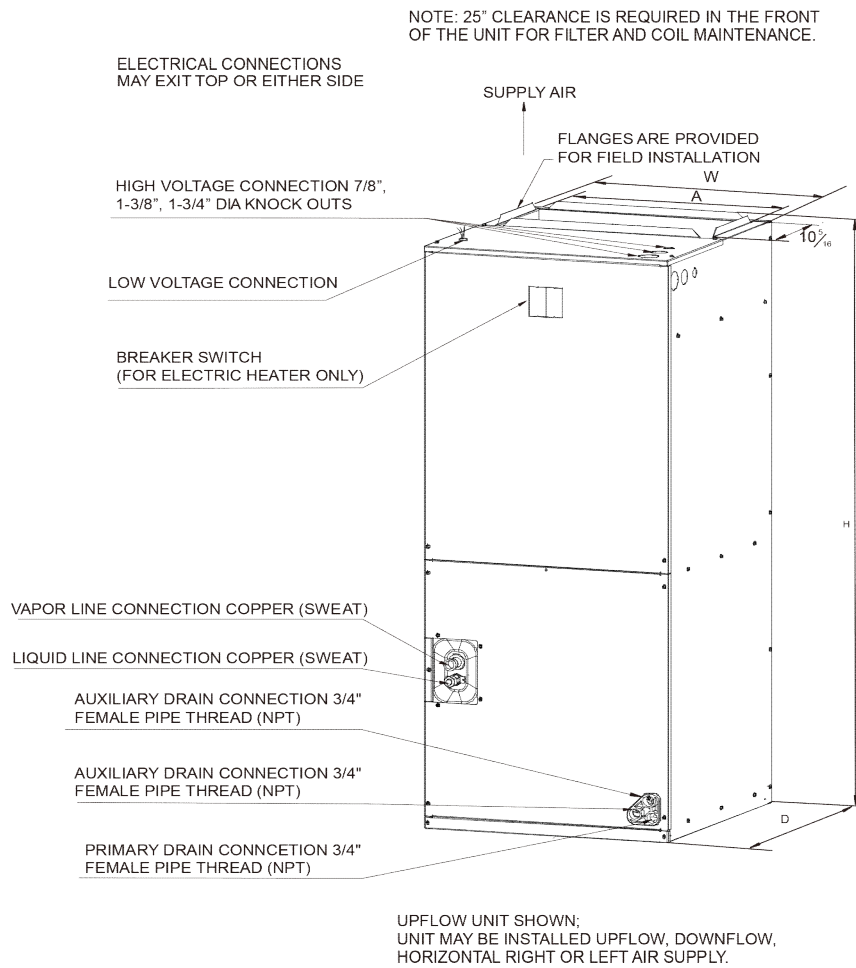
Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

Approval: _____
Date: _____
Construction: _____
Unit # : _____
Drawing # : _____



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

Indoor unit dimension



Model	Dimensions Inch [mm]			
	Unit Height "H" IN. [mm]	Unit Width "W" IN.[mm]	Unit Length "D" IN.[mm]	Supply Duct "A"
18.24	41 -3/8"[1050]	18-1/8"[460]	20-1/2"[520]	16"[406]
30.36	46-1/2"[1180]	19-5/8" [500]	21-5/8"[550]	18"[456]
42,48,60	54-1/2"[1385]	22"[560]	24" [610]	19-1/2"[496]

Specification

Indoor unit			LUC5-60-15
Power supply	Rated Voltage	V-Ph-Hz	208/230V,1Ph,60Hz
	Min. / Max. Voltage	V	187/253
Min. Circuit Amps		A	6
Max. over current protection		A	15
Indoor fan motor	Type		PSC
	Horsepower (HP)		3/4
	Full Load Amps (FLA)	A	5
	Rated RPM		990
Fan Blower	Material		Metal
	Type		Centrifugal
	Diameter	inch	13
	Height	inch	10-5/8
Indoor coil	Type		Tube & Fin
	Tube Material		Aluminum
	Tube Size	inch	9/32
Indoor air flow (Hi/Mi/Lo)		m3/h	2420/2710/2930
Indoor noise level (Hi/Mi/Lo)		dB(A)	56/54/51
Indoor unit	Dimension(W*D*H)	inch	22x24x54-1/2
	Packing (W*D*H)	inch	24-11/16x27-11/16x55-3/16
	Net/Gross weight	lbs	161
Refrigerant piping	Liquid side	inch	3/8
	Gas side	inch	7/8
Thermostat type			Remote Control
Operation temperature range	cooling	°F	55-115
	heating	°F	/

Outdoor Unit	Indoor Unit	Cooling Capacity	EER2	SEER2	Heating Capacity	HSPF2
BAR5-48-15	LUC5-60-15	45000	11.2	13.8	/	/
BAR5-60-15	LUC5-60-15+TXV	54000	11.2	13.8	/	/
MAH5-42-410	LUC5-60-15	41500	11.2	13.4	/	/
MAH5-48-410	LUC5-60-15	46000	11.2	13.4	/	/
MAH5-60-410	LUC5-60-15+TXV	55000	11.2	13.4	/	/

Electric Heater Kits

NO.	Kit	Description	Ref. Air Handler Use
1	CHE2-05B	5kW Heat Strip	18/24//30/36/42/48/60
2	CHE2-08B	7.5kW Heat Strip	18/24//30/36/42/48/60
3	CHE2-10B	10kW Heat Strip	18/24//30/36/42/48/60
4	CHE2-15B	15kW Heat Strip, double Breaker panel	30/36/42/48/60
5	CHE2-20B	20kW Heat Strip, double Breaker panel	36/42/48/60

Electric Kit Mca/Mop Data

Heater Kit Model Used	Air Handler Model	Electric Heat (kW)	Min. Circuit Ampacity		Max. Fuse or Breaker (HACR) Ampacity		Fan speed (AC/HP)		
			240V	208V	240V	208V	Low	Medium	High
CHE2-05B	18	5	28.1	24.6	30	25	●	●	●
CHE2-08B		7.5	41.1	35.9	45	40	●	●	●
CHE2-10B		10	54.1	47.2	60	50	●	●	●
CHE2-05B	24	5	29	25.5	30	30	●	●	●
CHE2-08B		7.5	42	36.8	45	40	●	●	●
CHE2-10B		10	55	48.1	60	50	●	●	●
CHE2-05B	30	5	29.4	25.9	30	30	●	●	●
CHE2-08B		7.5	42.4	37.2	45	40	●	●	●
CHE2-10B		10	55.4	48.5	60	50	●	●	●
CHE2-15B	36	15	55.4/26.1	48.5/22.6	60/30	50/25	●	●	●
CHE2-05B		5	29.4	25.9	30	30	●	●	●
CHE2-08B		7.5	42.4	37.2	45	40	●	●	●
CHE2-10B	42	10	55.4	48.5	60	50	●	●	●
CHE2-15B		15	55.4/26.1	48.5/22.6	60/30	50/25	●	●	●
CHE2-20B		20	55.4/52.1	48.5/45.2	60/60	60/50	●	●	●
CHE2-05B	48	5	30.3	26.8	35	30	--	●	●
CHE2-08B		7.5	43.3	38.1	45	40	--	●	●
CHE2-10B		10	56.3	49.4	60	50	--	●	●
CHE2-15B	60	15	56.3/26.1	49.4/22.6	60/30	50/25	--	●	●
CHE2-20B		20	56.3/52.1	49.4/45.2	60/60	50/50	--	●	●
CHE2-05B		5	31.8	28.3	35	30	●	●	●
CHE2-08B	60	7.5	44.8	39.6	45	40	●	●	●
CHE2-10B		10	57.8	50.9	60	60	●	●	●
CHE2-15B		15	57.8/26.1	50.9/22.6	60/30	60/25	●	●	●
CHE2-20B		20	57.8/52.1	50.9/45.2	60/60	60/50	●	●	●

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