



Submittal

Split System Cooling

LUC5-18-15

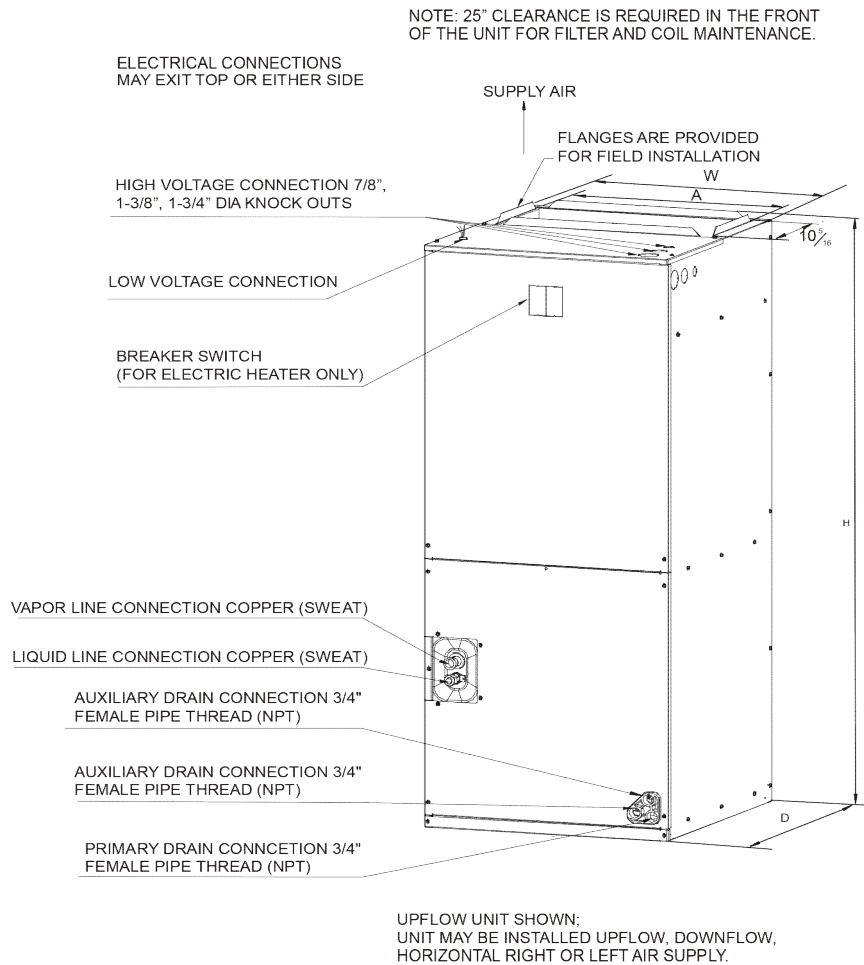
Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

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



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

Indoor unit dimension



| UNIT DIMENSION AND WEIGHTS | 18K | 24K | 36K | 48K | 60K |
|----------------------------|--------|--------|--------|--------|--------|
| Height(in.) | 41-3/8 | 46-1/2 | 46-1/2 | 54-1/2 | 54-1/2 |
| Width(in.) | 18-1/8 | 19-5/8 | 19-5/8 | 22 | 22 |
| Depth(in.) | 20-1/2 | 21-5/8 | 21-5/8 | 24 | 24 |
| Weight(lbs.) | 108 | 128 | 128 | 159 | 161 |



Specification

| | | | |
|-------------------------------|----------------------|---------|----------------------|
| Indoor unit | | | LUC5-18-15 |
| Power supply | Rated Voltage | V-Ph-Hz | 208/230V,1Ph,60Hz |
| | Min. / Max. Voltage | V | 187/253 |
| Min. Circuit Amps | | A | 2 |
| Max. over current protection | | A | 15 |
| Indoor fan motor | Type | | PSC |
| | Horsepower (HP) | | 1/5 |
| | Full Load Amps (FLA) | A | 2 |
| | Rated RPM | | 755 |
| Fan Blower | Material | | Metal |
| | Type | | Centrifugal |
| | Diameter | inch | 10-5/8 |
| | Height | inch | 10-3/4 |
| Indoor coil | Type | | Tube & Fin |
| | Tube Material | | Aluminum |
| | Tube Size | inch | 9/32 |
| Indoor air flow (Hi/Mi/Lo) | | m3/h | 690/1000/1170 |
| Indoor noise level (Hi/Mi/Lo) | | dB(A) | 48/47/42 |
| Indoor unit | Dimension(W*D*H) | inch | 18-1/8x20-1/2x41-3/8 |
| | Packing (W*D*H) | inch | 20-3/4x24-3/16x42 |
| | Net/Gross weight | lbs | 108 |
| Refrigerant piping | Liquid side | inch | 3/8 |
| | Gas side | inch | 3/4 |
| Thermostat type | | | Remote Control |
| Operation temperature range | cooling | °F | 55-115 |
| | heating | °F | / |

| Outdoor Unit | Indoor Unit | Cooling Capacity | EER2 | SEER2 | Heating Capacity | HSPF2 |
|--------------|----------------|------------------|------|-------|------------------|-------|
| BAH5-18-15 | LUC5-18-15+TXV | 18000 | 11.7 | 14.3 | 18000 | 7.5 |
| BAR5-18-15 | LUC5-18-15+TXV | 18000 | 11.7 | 14.3 | / | / |
| BAR5-24-15 | LUC5-18-15+TXV | 23200 | 11.7 | 14.3 | / | / |
| MAH5-18-410 | LUC5-18-15 | 18000 | 11.2 | 13.4 | / | / |
| MAH5-24-410 | LUC5-18-15 | 23000 | 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 | | 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 | 42 | 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 | | 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 | | 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 | 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 | 60 | | 5 | 31.8 | 28.3 | 35 | 30 | ● | ● |
| CHE2-08B | | 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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