



# Submittal

## Split System Cooling

BAR5-42-15

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

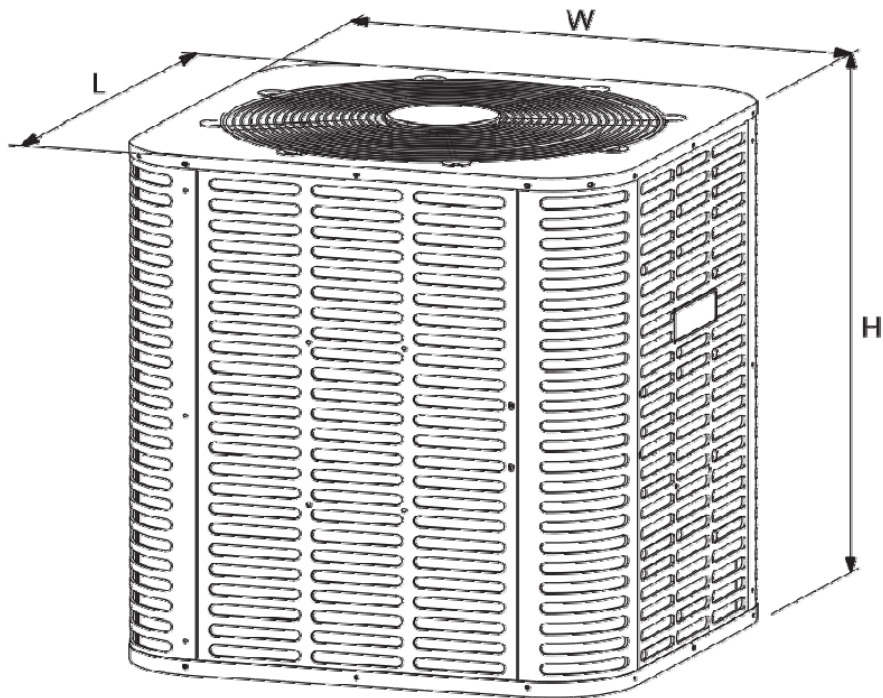
Approval: \_\_\_\_\_  
Date: \_\_\_\_\_  
Construction: \_\_\_\_\_  
Unit # : \_\_\_\_\_  
Drawing # : \_\_\_\_\_



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



## Outdoor unit dimension



| Unit Dimensions |           |           |           |
|-----------------|-----------|-----------|-----------|
| Model           | H(inches) | W(inches) | L(inches) |
| 18              | 24-15/16  | 23-5/8    | 23-5/8    |
| 24              | 24-15/16  | 28        | 28        |
| 30              | 33-3/16   | 28        | 28        |
| 36              | 24-15/16  | 29-1/8    | 29-1/8    |
| 42/48/60/61     | 33-3/16   | 29-1/8    | 29-1/8    |



## Specification

|                                 | BAR5-42-15  |
|---------------------------------|-------------|
| <b>NOMINAL CAPACITY</b>         |             |
| Cooling (BTU/h)                 | 42,000      |
| Heating (BTU/h)                 | /           |
| <b>ELECTRICAL DATA</b>          |             |
| Voltage / Phase (60 Hz)         | 208/230 / 1 |
| Min. / Max. Voltage             | 187/253     |
| MCA                             | 25          |
| MOP                             | 45          |
| <b>COMPRESSOR</b>               |             |
| Type                            | Scroll      |
| Stage                           | Single      |
| RLA                             | 18          |
| LRA                             | 112         |
| Crankcase Heater                | NO          |
| <b>CONDENSER COIL</b>           |             |
| Type                            | Tube & Fin  |
| Tube Size(O.D)                  | 3/16        |
| <b>FAN MOTOR</b>                |             |
| Motor Type                      | ECM         |
| Capacitor(uF)                   | /           |
| Horsepower (HP)                 | 1-1/3       |
| Full Load Amps (FLA)            | 2           |
| <b>REFRIGERATION SYSTEM</b>     |             |
| Liquid Valve Size (O.D.)        | 3/8         |
| Suction Valve Size (O.D.)       | 7/8         |
| Liquid Line Size ("O.D.)        | 3/8         |
| Suction Line Size ("O.D.)       | 7/8         |
| Refrigerant Charge (lbs. - oz.) | 8 LBS.-1 OZ |
| Superheat(°F)                   | 9 oF        |
| <b>OPERATION RANGE</b>          |             |
| Cooling(°F)                     | 55-115      |
| Heating(°F)                     | /           |
| <b>SOUND POWER (DB)</b>         |             |
|                                 | 75          |

| Outdoor Unit | Indoor Unit    | Cooling Capacity | EER2 | SEER2       |
|--------------|----------------|------------------|------|-------------|
| BAR5-42-15   | LUC5-48-15+TXV | 41500            | 11.7 | <b>14.3</b> |
| BAR5-42-15   | LCM5-36-15     | 40000            | 11.7 | <b>14.3</b> |
| BAR5-42-15   | LCM5-60-15     | 41500            | 12   | <b>15.2</b> |

# 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.

BAR5-42-15 22 Jun 2022  
Supersedes BAR5-42-15 (Sept.2021)

© 2022 ComfortStar