



4184 E. Conant St.  
Long Beach, CA 90808  
Tel. 888-900-1002  
Fax. 310-900-1088  
[www.turboairinc.net](http://www.turboairinc.net)

Project :

Model # :

Item # :

Qty :

Approval :

## Top Mount Package Units (SMART 7)

**Model : STI055LR448A3**

**SMART 7**



### FEATURES / BENEFITS

**SM 1: Blue Anti-corrosion-fin and Coated Copper Tube**

Protects aluminum and copper pipes from toxic gases generated from foods, retards refrigerant leakage, and prolongs the cooling capacity.

**SM 2: Expansion Valve**

Allows safe storage of foods with a feature that self-adjusts the circulation of refrigerant as the internal temperature changes, thus recovering the required temperature quickly.

**SM 3: Compressor Protected Solenoid Valve**

Decreases the inflow of refrigerant into the compressor when it is restarted after a stop. This extends compressor life and reduces compressor failure.

**SM 4: 18% Bigger Condenser than the Standard**

The condenser's efficiency affects most of the refrigerator's performance. Particularly, when used in a small compartment under high ambient temperatures or a dusty area, the package unit's condenser needs to be bigger than standard ones in order to achieve the best performance. In consideration of the environments that our products may be subject to, condensers utilized in our products are 18% larger than competitors'.

**SM 5: Energy Efficient EC Motor**

Through the use of highly efficient EC motors, our products reduce energy consumption and lower electricity costs, thus protecting the environment. Our products are designed with easy-to-replace motor and fan blades.

**SM 6: Leak Free Patented Hot Gas Condensate System**

The hot gas condensate system is an ideal system because of its fast evaporation of condensed water and its enhancing refrigeration efficiency. In spite of these advantages, many companies have stopped the application of such a system because of the high risk of discarding the refrigerators due to the rapid corrosion of hot gas lines causing refrigerant leakage and water inflow into the cooling pipes. Such problems are completely resolved in our products, thanks to a patented technology that prevents pipes from corrosion.

**SM 7: Highly Efficient Air Circulation Enclosure**

This system is designed to release hot air to the outside faster than competitors' and to enhance cooling efficiency. At the same time, it retards elevation of compressor temperature and keeps refrigerant pressure from increasing, thus saving energy as a result.

# Top Mount Package Units (SMART 7)

## Model : STI055LR448A3

### Performance Data - Low Temperature Model, Electric Defrost

| Model         | Capacity BTU / HR (Ambient Temp) |       |       |      |       |       |      |       |       |       |       |       |       |       |       |
|---------------|----------------------------------|-------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|               | 80°F                             |       |       | 90°F |       |       | 95°F |       |       | 100°F |       |       | 110°F |       |       |
|               | Room Temperature °F              |       |       |      |       |       |      |       |       |       |       |       |       |       |       |
|               | 0°F                              | -10°F | -20°F | 0°F  | -10°F | -20°F | 0°F  | -10°F | -20°F | 0°F   | -10°F | -20°F | 0°F   | -10°F | -20°F |
| STI055LR448A3 | 8254                             | 6460  | 4942  | 7796 | 6125  | 4696  | 7540 | 5939  | 4559  | 7231  | 5710  | 4395  | 6763  | 5366  | 4149  |

### Unit Specifications - Low Temperature Model

| Model         | Power Supply |    |    |      |      | Unit Amps | Evaporator CFM | Plug Supplied | Matching NEMA Receptacle | Sound dBA | Net Weight lbs (kg) | AWEF Value |
|---------------|--------------|----|----|------|------|-----------|----------------|---------------|--------------------------|-----------|---------------------|------------|
|               | Voltage      | PH | Hz | MCA  | MOPD |           |                |               |                          |           |                     |            |
| STI055LR448A3 | 208-230      | 3  | 60 | 17.2 | 25   | 14.3      | 1647           | † NO          | -                        | 69        | 288 (131)           | 2.39       |

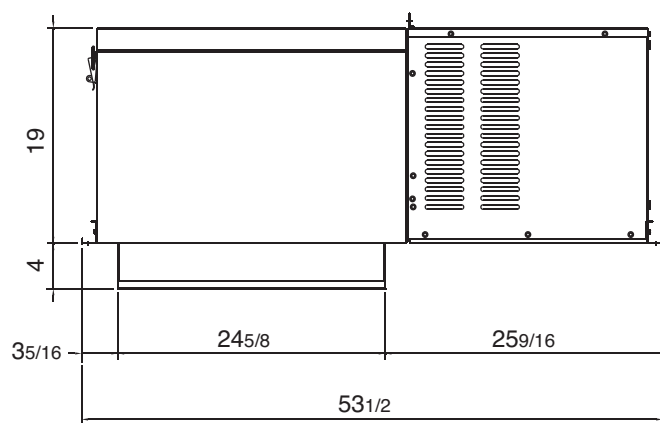
Design and specifications subject to change without notice.

■ **WARRANTY : 2 Year Compressor and Parts Warranty & 1 Year Labor Warranty**

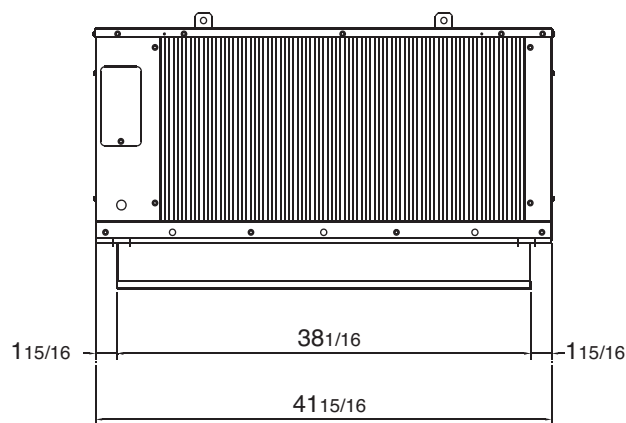
## PLAN VIEW

(unit : inch)

Opening Size : 25" x 38.5"



FRONT VIEW



SIDE VIEW

Ver.20210518



■ Toll Free : 888-900-1002

REFRIGERATOR MANUFACTURER  
**Turbo air**

REFRIGERATION SYSTEM  
**GERMAN KNIFE**

REFRIGERATION SYSTEM  
**RADIANCE**

REFRIGERATION SYSTEM  
**Turbo air**

REFRIGERATION SYSTEM  
**Texaking**