



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 : STI110MP2

**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 & Solenoid 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. And protects compressor from preventing liquid refrigerant flood back to compressor.

#### **SM 3: Hot Gas Defrost**

Reduced Defrost time improve temperature fluctuation of the cold storage helps maintain product quality and efficiency of system.

#### **SM 4: Efficient Micro Channel Condenser Coil**

Higher efficiency from larger heat transfer area compare to fin and tube condenser coil. Compact and lighter structure reduces weight of the unit. Improved durability and corrosion resistance than traditional copper-aluminum coils.

#### **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 : STI110MP2

### Performance Data - Medium Temperature Model, Air Defrost (R-290)

Model	Capacity BTU / HR (Ambient Temp)														
	80°F			90°F			95°F			100°F			110°F		
	Room Temperature °F														
	34°F	35°F	38°F	34°F	35°F	38°F	34°F	35°F	38°F	34°F	35°F	38°F	34°F	35°F	38°F
STI110MP2	12005	12278	12816	11242	11497	11996	10771	11016	11573	10453	10691	11147	9715	9938	10443

### Unit Specifications - Medium Temperature Model, Hot Gas Defrost (R-290)

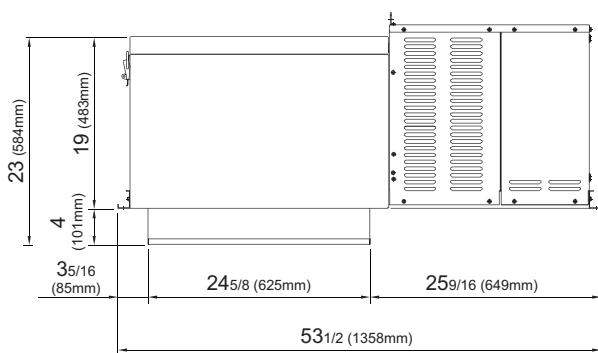
Model	Power Supply					Unit Amps	Evaporator CFM	Plug Supplied	Matching NEMA Receptacle	Dim. Fig.	Net Weight lbs (kg)	AWEF
	Voltage	PH	Hz	MCA	MOPD							
STI110MP2	208-230	1	60	13.9	20	12.6	1625	† YES	6-20R	B	300 (136) / 317 (144)	5.61 / 7.6

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

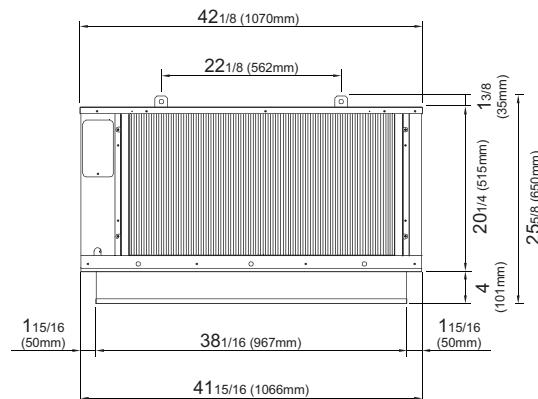
### PLAN VIEW

(unit : inch)

Opening Size: 25" x 38.5"



FRONT VIEW



SIDE VIEW

Ver.20251230



■ Toll Free : 888-900-1002



Continued product development may necessitate specification changes without notice.