



# Installation and Operation Manual

**SANDWICH/SALAD PREP & MEGA TOP  
UNDERCOUNTER REFRIGERATOR  
UNDERCOUNTER FREEZER**



# Contents

◆ Specifications .....	3~4
◆ Installation .....	5
◆ Maintenance & cleaning .....	5
◆ Operation & Installing Castors .....	6
◆ Trouble-Shooting .....	7

# Specifications - SANDWICH PREP, MEGA TOP

<b>Product</b>		<b>Sandwich Prep. Table unit</b>				
<b>Model</b>		<b>SUSS-27-8</b>	<b>SUSS-36-10</b>	<b>SUSS-48-12</b>	<b>SUSS-60-16</b>	<b>SUSS-72-18</b>
Capacity (cu.ft)		7	9	12	16	20
Exterior Dimensions (Including 5" Casters) [in]	W	27 1/2	36 1/2	48 1/2	60 1/2	72 1/2
	D	31 3/4	31 3/4	31 3/4	31 3/4	31 3/4
	H	42 1/2	42 1/2	42 1/2	42 1/2	42 1/2
Net Weight (lbs)		157	190	216	260	298
Rated Voltage		AC115V /60Hz				
Amps		3.4A	3.4A	6.0A	6.0A	6.1A
Compressor (HP)		1/5 HP	1/5 HP	3/8 HP	3/8 HP	3/8 HP
Type of Power Cord		NEMA 5-15				
Shelves		1EA	2EA	2EA	2EA	3EA
Number of Doors		1	2	2	2	3
Vessel		1/6" - 6PC	1/6"	1/6"	1/6"	1/6"
		1/9" - 2PC	10PC	12PC	16PC	18PC
Refrigerant		R-134a				
Range of Temperature		32~40°F				

<b>Product</b>		<b>Mega Top Sandwich Prep. Table</b>				
<b>Model</b>		<b>SUSS-27-12</b>	<b>SUSS-36-15</b>	<b>SUSS-48-18</b>	<b>SUSS-60-24</b>	<b>SUSS-72-30</b>
Capacity (cu.ft)		7	9	12	16	20
Exterior Dimensions (Including 5" Casters) [in]	W	27 1/2	36 1/2	48 1/2	60 1/2	72 1/2
	D	34 3/4	34 3/4	34 3/4	34 3/4	34 3/4
	H	44	44	44	44	44
Net Weight (lbs)		170	196	229	278	328
Rated Voltage		AC115V /60Hz				
Amps		3.4A	3.4A	6.0A	6.0A	6.1A
Compressor (HP)		1/5 HP	1/5 HP	3/8 HP	3/8 HP	3/8 HP
Type of Power Cord		NEMA 5-15				
Shelves		1EA	2EA	2EA	2EA	3EA
Number of Doors		1	2	2	2	3
Vessel		1/6" - 9PC	1/6"	1/6"	1/6"	1/6"
		1/9" - 3PC	15PC	18PC	24PC	30PC
Refrigerant		R-134a				
Range of Temperature		32~40°F				

◆ Specifications and Designs are subject to change without notice.

◆ The name plate (including Serial No.) is located on the upper left side of the cabinet interior.

## Specifications – UNDERCOUNTER, FREEZER

Product		Undercounter Refrigerator				
Model		USC-27	USC-36	USC-48	USC-60	USC-72
Capacity (cu.ft)		7	9	12	16	20
Exterior Dimensions (Including 5" Casters) [in]	W	27 1/2	36 1/2	48 1/2	60 1/2	72 1/2
	D	31 3/4	31 3/4	31 3/4	31 3/4	31 3/4
	H	36	36	36	36	36
Net Weight (lbs)		143	172	194	236	269
Rated Voltage		AC115V /60Hz				
Amps		3.2A	3.2A	6.0A	6.0A	6.1A
Compressor (HP)		1/5 HP	1/5 HP	1/5 HP	3/8 HP	3/8 HP
Type of Power Cord		NEMA 5-15				
Shelves		2EA	4EA	4EA	4EA	6EA
Number of Doors		1	2	2	2	3
Refrigerant		R-134a				
Range of Temperature		32~40°F				

Product		Undercounter Freezer				
Model		USCF-27	USCF-36	USCF-48	USCF-60	USCF-72
Capacity (cu.ft)		7	9	12	16	20
Exterior Dimensions (Including 5" Casters) [in]	W	27 1/2	36 1/2	48 1/2	60 1/2	72 1/2
	D	31 3/4	31 3/4	31 3/4	31 3/4	31 3/4
	H	36	36	36	36	36
Net Weight (lbs)		150	187	209	247	280
Rated Voltage		AC115V /60Hz				
Amps		5.3A	7.5A	7.5A	7.5A	7.8A
Compressor (HP)		3/8 HP	1/2 HP	1/2 HP	1/2 HP	1/2 HP
Type of Power Cord		NEMA 5-15				
Shelves		2EA	4EA	4EA	4EA	6EA
Number of Doors		1	2	2	2	3
Refrigerant		R-134a	R-404a			
Range of Temperature		Below 0°F				

- ◆ Specifications and Designs are subject to change without notice.
- ◆ The name plate (including Serial No.) is located on the upper left side of the cabinet interior.

# ***Installation***

## **1. INDOOR USE ONLY**

- This unit is intended for indoor use only.

## **2. FOR LOCATION**

- Be sure that the location is strong enough to support the total weights of the unit and the content.
- Keep the unit away from sunlight and other heat generating equipment.
- The minimum clearance between the back of the unit and the wall should be 7 inches at least.

## **3. INSTALLING CASTORS**

- Be sure that castors with brake should be installed in front.

## **4. LEVELING**

- The unit should be leveled to provide adequate drainage.

## **5. ELECTRICAL CONNECTION**

- The unit should be plugged into a 115V/60Hz, grounded wall receptacle to prevent electrical shock and fire hazards.
- Do not plug other electrical units into same wall receptacle this unit is plugged into.
- Do not use an extension cord.
- Compressor warranties are void if the compressor burns out due to low voltage.

## **6. INSTALLING SHELF**

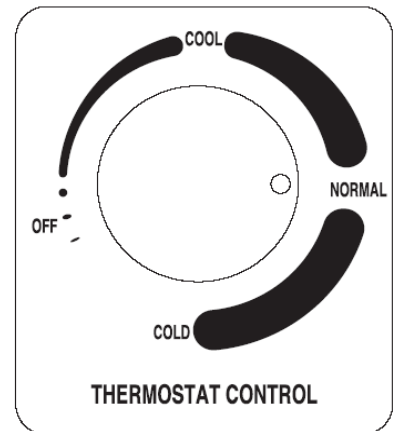
- Install shelves using shelf-clips provided in accessory.

# ***Maintenance & Cleaning***

1. To maintain proper refrigeration performance, the condenser fins should be checked monthly and clean with a soft brush or vacuum cleaner as needed.
2. Wait at least 6mimutes after unplugging the unit before plugging in.
3. The interior and exterior of the unit can be cleaned using plugging in water.
  - Do not use an abrasive cleaners to avoid scratches on the surfaces.
4. The door-gasket should be cleaned to avoid maintain proper sealing.

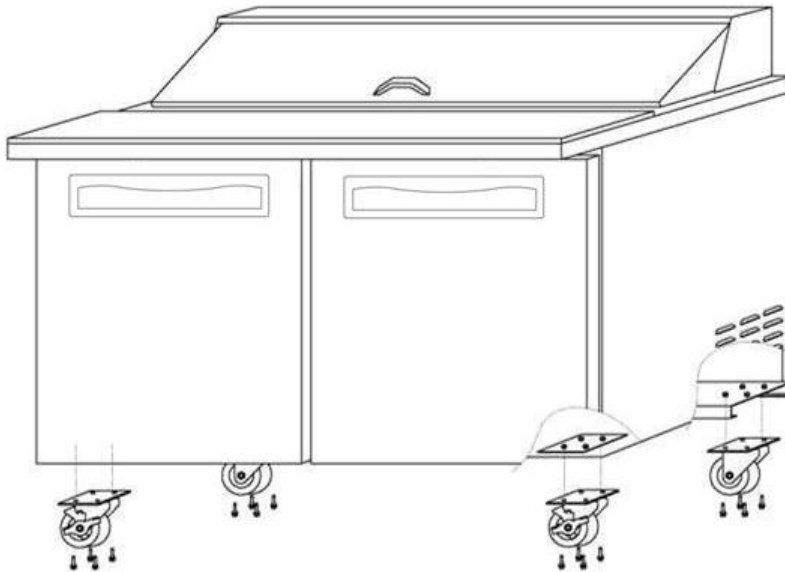
## Operation

1. The temperature controller (thermostat) is located on the upper right of the back side of the cabinet interior.
2. The controller has been preset "NORMAL" position at the factory.
3. Set the control-knob toward "COOL" for higher temperature and "COLD" for lower temperature.
4. The thermostat controls compressor's ON/OFF by sensing inside temperatures of cabinet.
5. The unit is equipped with an off-cycle defrost (SUSS Series, USC Series) or a heating defrost (USCF Series)



## Installing Casters

1. Remove the outer packing.



2. Install the casters in the area.
3. Make sure that casters with brakes should be installed in front.

## Troubleshooting

Problem	Possible Cause	Action
Compressor will not start	Power connection failure.	Check Power Cord and plug it in.
	Power switch is in off position.	Change it on position.
The unit does not refrigerate well	Temperature set point is too high.	Correct temperature set point.
	The door is opened too frequently.	Do not open the door Frequently.
	Loading of too much warm or moist product.	Do not load warm or moist product.
	Not enough ventilation.	Move the unit in a well ventilated place with at least 7 inches of clearance on all sides.
	Condenser is clogged.	Clean it.
Condensation on cabinet exterior	High moisture air can produce dews during the rainy season.	Wipe with cloth.

※ The following is not an indication of problem or malfunction;

A water-flowing sound can be heard when the unit is operating.

This is the sound of refrigerant flowing.



Manufacturer : Saturn Equipment, Primoris Inc.

6020 Greenwood Plaza Blvd.

Suite 200 Greenwood Village,

Colorado 80111-4801 USA

Tel : 303-801-0680

Fax : 303-801-0681