



# PRODUCT STANDARDS AND USE INFORMATION

- Sink Bowl Standards
- Drain Flows
- Grease Trap Sizing
- NSF Requirements For Sinks
- Stainless Steel Corrosion Prevention & Cleaning
- Work Table Load Capacities
- Calculating Cubed Ice Volume & Weight



**Customer Service Available To Assist You**

**Call 1-800-645-3166**

**8:30 am - 8:00 pm E.S.T.**

**For Orders & Customer Service:**

**Email:** [customer@advancetabco.com](mailto:customer@advancetabco.com) **or Fax:** 631-242-6900

**For Smart Fabrication™ Quotes:**

**Email:** [smartfab@advancetabco.com](mailto:smartfab@advancetabco.com) **or Fax:** 631-586-2933



# SINK BOWL STANDARDS

## STANDARDS

|                         |                    |
|-------------------------|--------------------|
| One Gallon of Water     | = 8.34 lbs.        |
| One Gallon of Water     | = 231 Cubic Inches |
| One Cubic Foot          | = 7.49 Gallons     |
| One Cubic Foot Of Water | = 62.43            |

## CAPACITY - Deep Drawn Bowls

| BOWL SIZE       | Capacity In Gallons Per Compartment |
|-----------------|-------------------------------------|
| 10" x 14" x 5"  | 2.75                                |
| 10" x 14" x 10" | 5.50                                |
| 14" x 16" x 10" | 9.35                                |
| 14" x 16" x 12" | 11.25                               |
| 16" x 20" x 12" | 15.70                               |
| 16" x 20" x 14" | 18.40                               |



## CAPACITY - FC, FS & FE Series Fabricated Sinks

$L \times W \times D \div 231 = \text{Gallons}$   
(Inches)

## DRAIN FLOW

| DRAIN MODEL #     | I.P.S. | DRAIN FLOW |
|-------------------|--------|------------|
| K-6 (Basket Type) | 1-1/2" | 7 gpm      |
| K-5 (Twist)       | 1-1/2" | 15 gpm     |
| K-15 (Twist)      | 2"     | 15 gpm     |



K-6



K-5



K-15

## GREASE TRAP SIZING

**Grease Trap Sizing** is determined by the total volume of water that will drain from a sink unit in one minute.

**SIZE IN POUNDS** = 1.50 x number of compartments x drain flow.

**1.50 = 75% Water Volume of Sink x 2 (K Factor of Volume to Weight)**

## SIGNIFICANT NSF REQUIREMENTS FOR SINKS



- Drainboards, when provided, must have a splash and must be integrally welded to the sink.
- Drainboards are to be sized such as that the LEFT TO RIGHT dimension of the drainboard is equal to or greater than the SMALLER DIMENSION OF THE SINK BOWL OPENING.
- Sinks are considered as FOOD ZONE. Therefore, ONLY 300 Series, 200 Series and Type 430 Stainless Steel are the approved materials. (Type 400 & 409 Stainless Steel are not acceptable)

# TABLE TOP LOAD CAPACITIES

| For Flat Top Work Table<br>With Undershef              | Weight Capacity For Distributed Load In Lbs. |                         |                             |
|--------------------------------------------------------|----------------------------------------------|-------------------------|-----------------------------|
|                                                        | Up To 60"<br>In Length                       | 61" To 84"<br>In Length | Over 84" With<br>Center Leg |
| 14 Gauge Table Top                                     | 1000                                         | 800                     | 1500                        |
| 16 Gauge Table Top                                     | 800                                          | 600                     | 1200                        |
| 18 Gauge Table Top                                     | 400                                          | 300                     | 500                         |
| 14 Gauge Equipment Stand<br>(ES/EG Series)             | 1000                                         | 1000                    | 1500                        |
| Special Value Equipment<br>Stand (ES-LS/ EG-LG Series) | 600                                          | 600                     | N/A                         |
| Standard Undershef<br>(Stainless Or Galvanized)        | 300                                          | 300                     | 450                         |

## ADJUSTMENTS TO THE ABOVE VALUES:

- **Table Tops With 5" Tall Or 10" Tall Rear Splash With 1" Or 2" Return**  
Increases capacity of top by 10% (Multiply by 1.1)
- **Table Tops With Open Base Instead Of Undershef (With Rear Cross Brace Installed)**  
Reduces capacity of top by 20% (Multiply by 0.8)
- **Adding An Extra Set Of Legs In The Center Of A Table (Not Available On All Table Series)**  
Increases top and undershef capacity by 50% (Multiply by 1.5)
- **TA-366A Reinforced Understructure Under Table Top (Not Available On All Table Series)**  
Increases the capacity of a table top by 30% (Multiply by 1.3)
- **TA-366 Reinforced Understructure On Undershef (Not Available On All Table Series)**  
Increases capacity of the undershef by 30% (Multiply by 1.3)
- **Upgrade Stainless Undershef To 16 Gauge (TA-94) (Not Available On All Table Series)**  
Increases undershef capacity by 20% (Multiply by 1.2)
- **Upgrade Stainless Undershef To 14 Gauge (TA-94A) (Not Available On All Table Series)**  
Increases undershef capacity by 30% (Multiply by 1.3)

### PLEASE NOTE:

**MAXIMUM LOAD** On Table (Top And Undershef Combined)  
With all adjustments above cannot exceed 1800 pounds

Tables With Casters Are Limited By The Capacity Of The Selected Caster As Well

# CALCULATING ICE VOLUME AND WEIGHT

## USE THE FOLLOWING FORMULA:

1. Calculate Cubic Area of Ice Liner - Multiply Length x Width x Depth x 1728 = Total Cubic Feet  
(i.e, 12" x 12" x 12" ÷ 1728 = 1 Cu Ft.)
2. Cubed Ice = 40 Lbs. Per Cubic Foot.
3. Multiply Volume (Ice Liner Cubic Feet) x 40 Lbs./Cu Ft. = Total Weight

