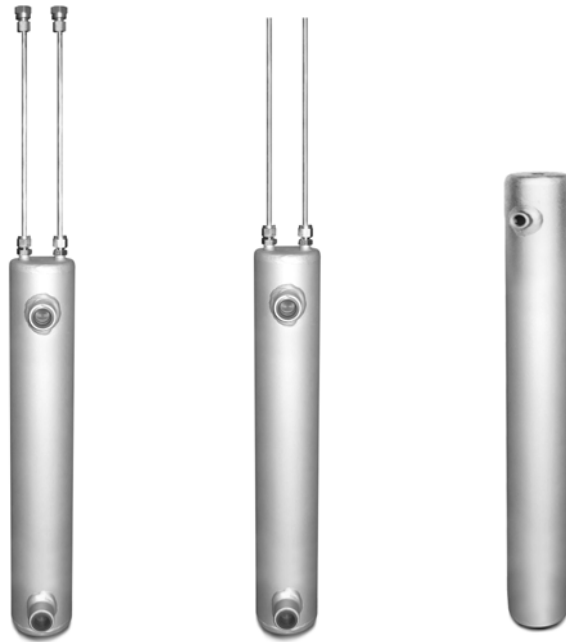




# SAMPLE COOLER and SLUDGE TRAP

## OPERATION & MAINTENANCE MANUAL



**PLEASE RECORD THE FOLLOWING DATA**  
(Information is located on the product label or packing slip)

**Product:** \_\_\_\_\_

**Model No:** \_\_\_\_\_

**Serial No:** \_\_\_\_\_

**Installation Date:** \_\_\_\_\_

**Installation Location / Application:** \_\_\_\_\_

\_\_\_\_\_

*The above information will help when ordering replacement parts and accessories for your Wingert Sample Cooler or Sludge Trap.*

### **J.L. WINGERT CO. MANUFACTURED PRODUCTS**

*Mixers, Bypass Feeders, Filter Feeders, Bromine Feeders, Sample Coolers, Sludge Traps, Separators, Separator Systems, Tank Stands, Tank Package Systems, Glycol Feed Systems, Coupon Racks, Control Stations, NEMA Enclosures, Custom Packaged Systems and Specialty Welding*

P.O. Box 6207 • Garden Grove, CA 92846-6207 / 11800 Monarch St. • Garden Grove, CA 92841-2113 • Phone (714) 379-5519 • Fax (714) 379-5549  
Northern California Region • Phone (510) 487-5310 • Southwest Region • Phone (602) 470-1015 • Email: [customerservice@jllwingert.com](mailto:customerservice@jllwingert.com)

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**1.0 INTRODUCTION**

*Thank you for your purchase of a J.L. Wingert Sample Cooler or Sludge Trap. Wingert Sample Coolers are an effective way to reduce the temperature of a fluid for testing it's quality. Wingert Sludge Traps allow for cleaning of the sample fluid of debris before it enters the Sampler Cooler, thus preventing the coils from clogging; increasing the life of the Sample Cooler.*

**2.0 WARRANTY**

*Wingert Sample Coolers and Sludge Traps are warranted against manufacturing defects in material and workmanship for one year from the date of shipment. Applications outside the service for which the product is designed, including any non-factory modifications, will automatically void any warranty. Items returned to J.L. Wingert Co. for warranty consideration must be transported via prepaid freight. Final warranty determination will be made upon inspection. J.L. Wingert Co. will, at their discretion, repair or replace any defective item. Any repair or replacement outside warranted limitations will be considered a repair order and quoted accordingly. All replacements will be F.O.B. factory. There are no other implied or expressed warranties.*

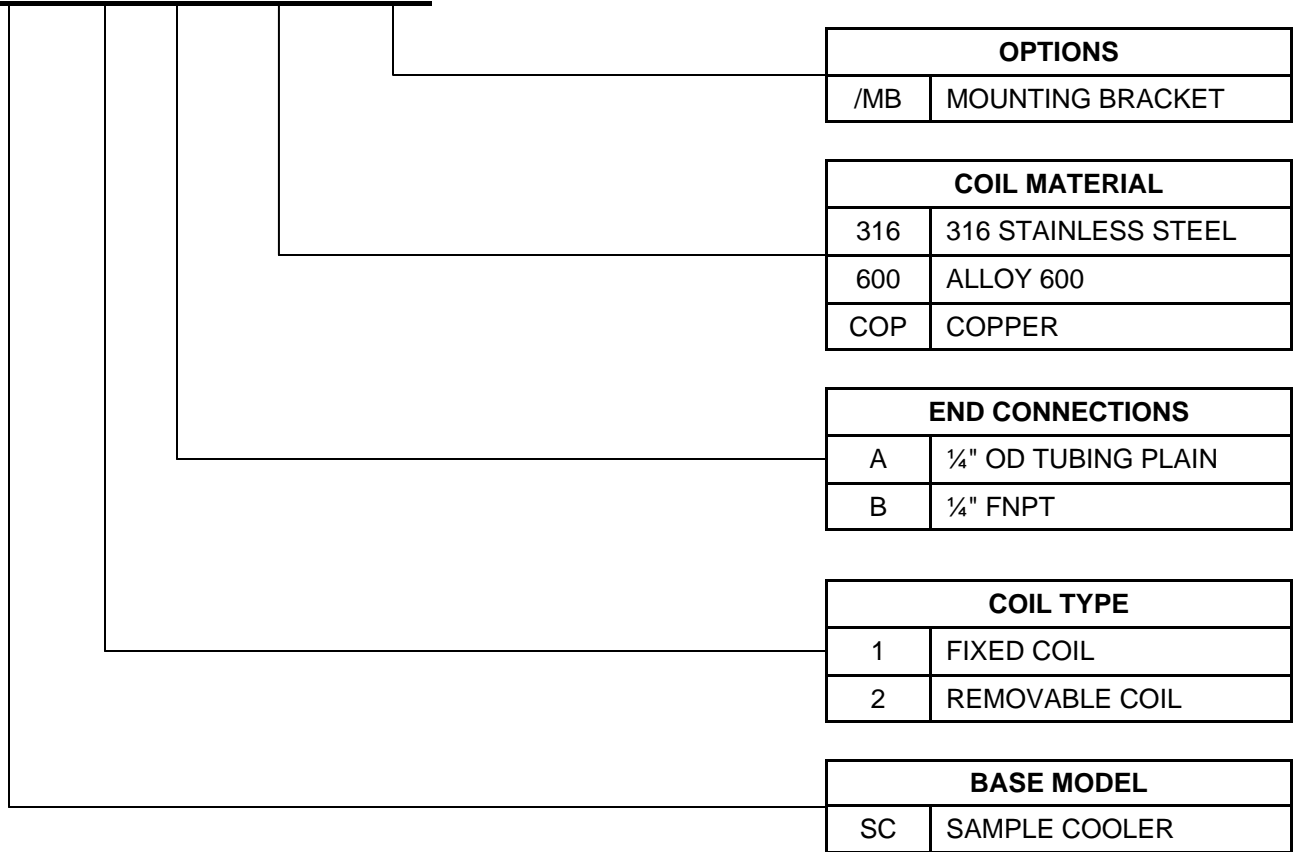
**3.0 UNPACKING**

*Wingert Sample Coolers and Sludge Traps are fully assembled and ready for installation. A Sample Cooler or Sludge Trap will be packed in a carton for shipping. Inspect packaging upon receipt for any damage. Unpack and inspect the product for damage and verify that goods received correlate with the packing list and product table on page 3. Verify that no packing material has obstructed the inlet, outlet or purge openings. Notify the factory of any discrepancies immediately upon receipt. If any product is damaged due to freight handling, contact the factory immediately for further assistance. It is recommended that photo documentation of any damage or discrepancy be supplied to support any claims.*

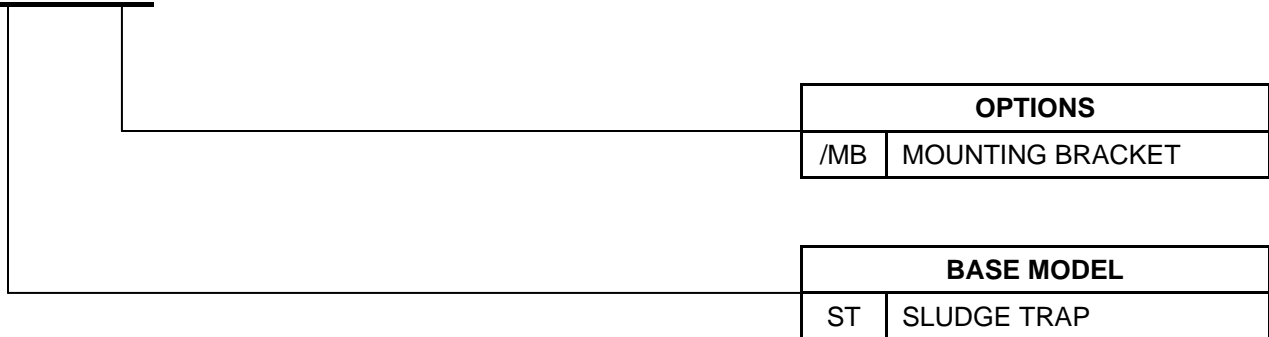
***NOTE: Most freight carriers allow only a limited time after receipt of goods to file a freight claim.***

#### 4.0 MODEL NUMBER VERIFICATION

### SC - 1 - B - 316 / MB



### ST / MB



## 5.0 LOCATION AND ENVIRONMENT

*The Wingert Sample Coolers and Sludge Traps requires periodic inspection. Sample Coolers and Sludge Traps should be accessible from all directions for inspection. Removable coil will require special clearances.*

## 6.0 SAFETY

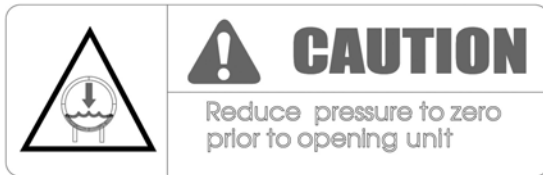
*J.L. Wingert's equipment is designed and built with safety in mind. However, proper installation and operation can increase your overall safety.*

**DO NOT INSTALL, OPERATE OR REPAIR THIS EQUIPMENT WITHOUT READING THIS MANUAL AND THE SAFETY PRECAUTIONS CONTAINED THROUGHOUT.**

**BE SURE THAT ALL INSTALLATION, OPERATION, MAINTENANCE AND REPAIR PROCEDURES ARE PERFORMED ONLY BY QUALIFIED INDIVIDUALS.**

### 6.1 SAFETY HIGHLIGHTS

*Read and understand the following safety highlights.*



#### **PRESSURE INSIDE THE UNIT**

*See design specification for maximum operating pressure. Do not perform maintenance or repair without first releasing pressure and draining the fluid from the unit.*



#### **EQUIPMENT IDENTIFICATION LABEL**

*Identification label provides equipment information. Be sure the coil material and pressure ratings are as specified on the Equipment Identification Label and conform with your requirements.*



## 7.0 INSTALLATION

### 7.1 PLUMBING

***Check local codes prior to final location and mounting.***

It is recommended to install a J.L. Wingert Sludge Trap inline before the J.L. Wingert Sample Cooler. This will help keep the Sample Cooler coils clean of debris. Below is a recommended piping diagram for installing the Sludge Trap and Sample Cooler. J.L. Wingert does not recommend installing a valve on the Cooling Water Discharge. If a valve is installed on the Cooling Water Discharge and is not open, an unwanted increase in pressure can occur inside the shell resulting in damage to the Sample Cooler.

