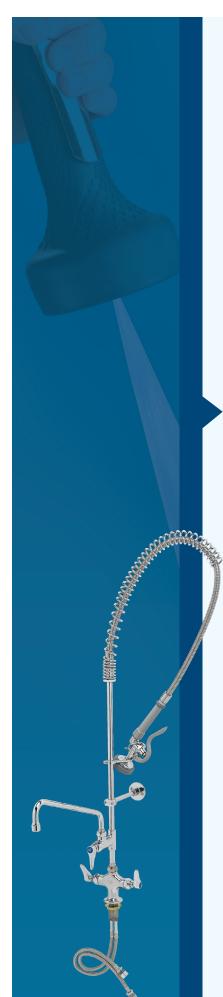




# The Perfect Pre-Rinse Unit







# The perfect pre-rinse unit begins with you.

More than 60 years ago, we revolutionized the industry by introducing the world's first pre-rinse unit. Now, we're changing the way you buy one. This guide is designed to walk you through the process of configuring the pre-rinse unit that's right for you. It's all about what fits your needs. We know that every job is different — each situation demands something unique. That's why we offer a wide range of options, add-ons and accessories to help you get the most out of your pre-rinse unit for years to come.

While our catalog features many of our most popular models, this guide is your road map to building the perfect pre-rinse unit for you. Using this step-by-step resource, you and your T&S sales rep can identify exactly what parts you need, then put it all together.

# Start here.

Before you begin looking at specific components for your pre-rinse unit, it's important to step back and consider two critical points: your surroundings and how you plan to use the unit on a daily basis.

Use this page as a worksheet to identify these key elements first. See our catalog or tsbrass.com for more details.

# ▶ **Step 1:** What are your base faucet needs?

# What's the punch out on your sink?

- Deck mount or wall mount?
- Single or double hole?
- Center dimensions of punchout?

# Where's your water source?

• On the front, side or back of the sink?

### Any unusual inlets?

Consider inlet adapters and elbows for an easy connection.

# j, y

### Water source in an unusual place?

Consider a remote control option or a pedal valve for deep sinks, front water sources or retrofits where no hole punch exists.



# How do you plan to use the sink?

- Pre-rinsing only?
- As a dish sink?
- Rinsing vegetables or meats?

What space constraints are you

• Filling glasses, kettles or pots?

- working with?

   Are there any overhead limitations?
  - How many compartments does your sink have?

# Turbo washing?

Consider starting with a high-flow option like our Big-Flo faucets, ranging from 17-55 gpm.



# Overhead limitations?

Consider a side-spray unit or a low profile model with a swivel for greater range of motion.

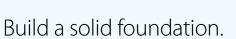


# Step 2: How will your pre-rinse unit be used?

Warewashing only?
Cleaning nearby equipment?
Filling other sinks?

**Multi-tasking?** When configured properly, a pre-rinse unit can serve a wide variety of needs, especially in tight spaces. From add-on faucets to a full selection of spray valves, T&S has you covered.







Now it's time to select the actual pre-rinse unit that's right for you. Maybe it's a roto flex design, an overhead swivel arm or a low profile model — but whatever you pick, our assortment of time-tested designs includes a wide variety of unique shapes and configurations, giving you the power to take on any kitchen task.

# ▶ **Step 3:** Choose your pre-rinse unit type.

Туре:	Description:	Great For:	Choose This When:	Other Considerations:
DuraPull	Features pull-down activation and an automatic shut-off function	General pre-rinsing in a single- or double- compartment sink, in high-volume or open- concept kitchens, or anywhere that aesthetics are a priority	You need the highest performance for high- volume applications, or when premium aesthetics are in demand	Designed to reduce stress and fatigue on the operator thanks to the pull- down activation and automatic shut-off, while the elimination of the hold-down ring makes it easy to conserve water
Overhead Spring	Overhead support spring holds the hose in the upright position as it's pulled down during use	General pre-rinsing in a single or double compartment sink	You need an efficient solution for general pre- rinse use in a single or double compartment sink	Simple design offers easy maintenance
Roto Flex Design	Overhead support easily allows the hose to glide up and down and also retract out of the way when not in use	General pre-rinsing in single compartment sink; increased ease of use for operator due to supported gliding motion	You need a more ergonomic option for general pre-rinse use in a single compartment sink that also protects the hose from wear and tear	
Overhead Swivel Arm	Provides a horizontal arm at the top of a riser that swivels, allowing the attached hose to spray into numerous areas below	Horizontal range of motion	You need a pre-rinse unit for use in a three-compartment sink where an overhead spring or roto-flex design doesn't provide enough range of motion	Lack of up and down motion restricts unwarranted abuse on the hose caused by employees swinging or yanking
Balancer	Tall riser supports hose overhead, allowing for maximum reach while allowing for the hose to easily retract	Completing other tasks in addition to pre-rinsing with 5'+ reach in any direction	You will be using the pre-rinse unit for general pre-rinse needs but also to rinse out equipment or fill nearby sinks	Multiple hose lengths available
Low Profile	Designed to fit in compact kitchens and in tight spaces	General pre-rinsing in single or double compartment sink when overhead space is limited	You have general pre- rinse needs but need to maintain overhead shelving or stay hidden in an open kitchen	Just as powerful as any other option; overhead spring in a smaller frame





# Get the most from your pre-rinse unit.

When it comes to finding real solutions for your kitchen, there's no such thing as one-size-fits-all. That's why we've engineered the industry's most extensive product line of spray valves — from low-flow and ergonomic options to truly high-powered performance.

# From low-flow to cashflow.

Did you know you can save thousands in utility bills by switching to sustainable low-flow solutions from T&S? Our wide range of spray valves gives you the power to choose exactly the right flow rate for your kitchen. Visit tsbrass.com/calc to see how much you could save by using low-flow spray valves.

# **Step 4:** Choose your spray valve.

Spray Valve Model	Flow Rate (at 60 psi)	Spray Force	Key Differentiator:	Great For:	Choose This When:
B-0107	1.15 gpm D.O.E. Class 2	7.5 ounce-force	Industry leader with legendary performance and reliability	Heavy use in commercial kitchens	You need a superior quality spray valve suited for most general applications and want it to be backed by decades of trusted satisfaction
B-0107-C	0.65 gpm D.O.E. Class 1	4.4 ounce-force	Lowest flow rate of any commercial brand	Rinsing trays and plates without baked-on residue	Water and energy conservation is the foremost need, but you want the B-0107 reputation
B-0107-J	1.07 gpm D.O.E. Class 2	7.2 ounce-force	Combines water and energy savings with a reduction in cleaning times	Cleaning baked-on or sticky residue while still conserving water	Time, energy and water conservation are all primary concerns while cleaning stubborn residue effectively
B-0108	1.07 gpm D.O.E. Class 2	7.2 ounce-force	Unique ergonomic design and easy lock-down mechanism for reduced user fatigue and eliminated heat transfer	- Heavy use in commercial kitchens - Long periods of use	You need a superior quality spray valve suited for most general applications but want to make sure it's comfortable and easy for employees to use
B-0108-C	0.65 gpm D.O.E. Class 1	4.6 ounce-force	Lowest flow rate and most ergonomic of any commercial brand	Rinsing trays and plates without baked-on residue     Older employees     Long periods of use	You need an ergonomically designed spray valve with an ultra low-flow rate
B-1420 - 1428	.65+ gpm	Varies	Quick-connect spray valve assemblies allow you to quickly change out valves to fit the task at hand	Maximizing space in shared work areas where filling, washing, rinsing and cleaning happen in the same place	You need a multipurpose solution, not just a pre-rinsing solution
B-1420	B-142	21 B-1422	B-1423 B-1424	B-1425 B-1426 B	-1427 B-1428
	- 0	50 60			

**Keep in mind:** Beginning January 28, 2019, if your unit will be used for pre-rinsing of any kind, your spray valve must be compliant with new Department of Energy regulations capping flow rates between 1.00 - 1.28 GPM (based on the DOE designated product class, listed below). The goal of these requirements are to improve water conservation. All T&S spray valves that are designed and intended for commercial warewashing applications are regulation-compliant.

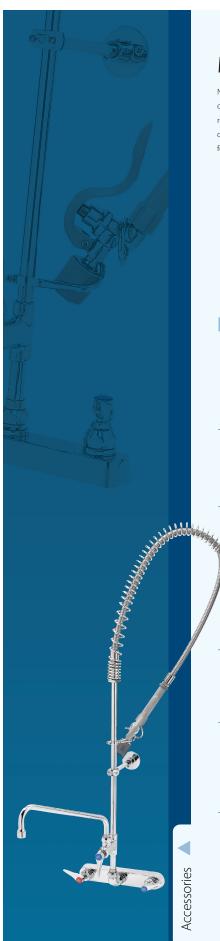
 ${\it Spray \, Valves \, must \, now \, fit \, into \, one \, of \, the \, following \, product \, classes:}$ 

**Product Class 1:** 1.00 gpm max with a spray force of ( $\leq$  5.0 ozf)

**Product Class 2:** 1.20 gpm max with a spray force ( > 5.0 ozf and  $\leq$  8.0 ozf)

**Product Class 3:** 1.28 gpm max with a spray force (> 8.0 ozf)

**NOTE:** When selecting the DuraPull model, keep in mind that the spray valve is not customizable.





# Make it yours.

Now that you've selected the correct unit and valve, it's time to consider add-ons and accessories that will increase productivity, reduce waste, ensure compliance and extend the life of your finished design. We're proud to offer such a comprehensive selection, so take a few minutes to explore your options.



### An industry leader.

As the premier manufacturer in the industry, T&S Brass and Bronze Works leads the way with faucets, fittings and specialty products for foodservice, industrial, commercial plumbing and laboratory markets.

# Step 5: Choose your accessories.

### Add-on Swivel



Use an add-on swivel (018200-40) to link the spray valve handle with the unit. This creates a more ergonomic design as it eliminates the strain on employees' wrists while also reducing torque on the hose, thereby extending its life. The swivel will also allow for greater range of rotation and motion.

### Cartridges



T&S Cerama commercial-grade ceramic cartridges offer unmatched durability and are backed by a lifetime guarantee. For installations where there is sediment present in the water supply, consider an Eterna solid brass compression cartridge instead.

### Vacuum Breakers



Small but vital, these simple components are required by many codes and inspectors for their role in preventing contaminated water from being drawn back into the supply system. Vacuum breakers are installed between the faucet base and riser.

### Wall Brackets



Choose a wall bracket to reduce strain on your pre-rinse unit while adding stability and providing support at the riser. If there is no back wall for mounting, consider a bi-pod to brace the unit to the counter.

### Add-on Faucets



Choose from our assortment of add-on faucets with various spout lengths if you plan to use your sink for more than pre-rinsing. Be sure to consider the size of the sink and the range of motion needed.

# Brush Attachments for Spray Valves



Make your unit a true multi-tasking tool with a nylon bristle brush attachment, allowing you to scrub dishes simultaneously while pre-rinsing.

### Tees



Install a tee accessory to split the water source and supply water to chemical systems — but be sure your unit is also equipped with a backflow prevention device for protection.

For more details: See our complete range of pre-rinse unit accessories in our product catalog at tsbrass.com, or call our customer service department at 1.800.476.4103.





# Put it all together.

It's time to make your custom pre-rinse unit a reality — complete with all your specifications and accessories. If you haven't already, share your selections with your local T&S rep, or contact our customer service team, and we'll help you make it happen.

At T&S, we're committed to delivering true quality and superior service. So even if your specific combination isn't represented in our regular catalog, our experts will work with you to create a finished product that meets your needs — and meets our high standard of excellence.

# Need More Capability?

Consider adding a hose reel with quick-connect hose and spray head assemblies to expand your reach



for additional tasks such
as complete kitchen
wash-downs. You can
find a complete selection
of reels and mounting
mechanisms in our
product catalog.



# A history of excellence.

T&S Brass and Bronze Works has built a reputation for quality, service and innovation for more than 60 years — beginning with our original pre-rinse unit, the market's very first. Today, our products have become the standard for many U.S. hospitals, schools, restaurants, supermarkets and public facilities.









# Meet the Newest T&S Pre-Rinse Line!



# Our Pull Down Pre-Rinse Units Are the Latest in T&S Innovations

DURAPULL

When high volume demands the highest performance, T&S delivers an all-new line of reliable pre-rinse units. With a premium design that feels right at homein any high-end kitchen, each T&S pre-rinse unit offers pull-down activation that allows users to easily switch water flow on and off.

Not only does the unit's pull-down activation and automatic shut-off function reduce stress and fatigue on the operator, it also eliminates the spray valve handle and hold-down ring – making it easy to conserve water.

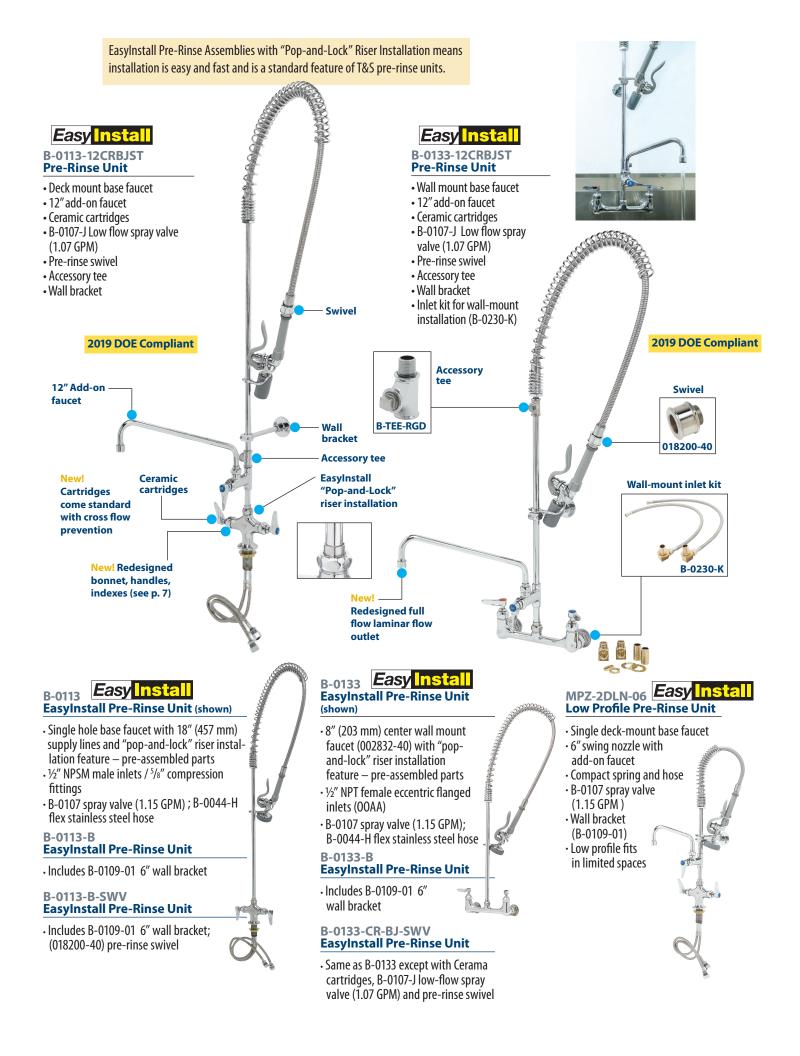
### **NEW!** T&S Pull Down Pre-Rinse Unit Models Model Cartridge Add-On Fct. Tee Mount B-0113-CR-B8P Single hole Cerama B-0113-12-CRB8P Single hole Cerama Ν B-0113-CR-B8TP Ν Single hole Cerama B-0113-12-CRB8TP Single hole Cerama B-0123-CR-B8P 8" Deck Cerama Ν Ν B-0123-12-CRB8P 8" Deck Cerama Ν B-0123-CR-B8TP 8" Deck Cerama Ν B-0123-12-CRB8TP 8" Deck Cerama 8"Wall B-0133-CR-B8P Cerama Ν Ν .... 8"Wall B-0133-12-CRB8P Cerama Ν B-0133-CR-B8TP 8"Wall Cerama Ν B-0133-12-CRB8TP 8"Wall Cerama B-5110-CR-B8P 4" Deck Cerama B-5110-12-CRB8P 4" Deck Cerama Ν B-5110-CR-B8TP 4" Deck Cerama Ν Υ B-5110-12-CRB8TP 4" Deck Cerama Υ 4"Wall B-5115-CR-B8P Ν Cerama Ν B-5115-12-CRB8P 4"Wall Cerama Ν B-5115-CR-B8TP 4"Wall Cerama B-5115-12-CRB8TP 4"Wall Cerama γ\* Υ B-5120-CR-B8P 8" Deck Cerama Ν B-5120-12-CRB8P 8" Deck Cerama Ν B-5120-CR-B8TP 8" Deck Υ Cerama Ν B-5120-12-CRB8TP 8" Deck Cerama Υ B-5125-CR-B8P 8"Wall Cerama Ν B-5125-12-CRB8P 8"Wall Cerama Y\* Ν B-5125-CR-B8TP 8"Wall Cerama Ν B-5125-12-CRB8TP 8"Wall Cerama \* All Add-On Faucets include a 12" swing nozzle



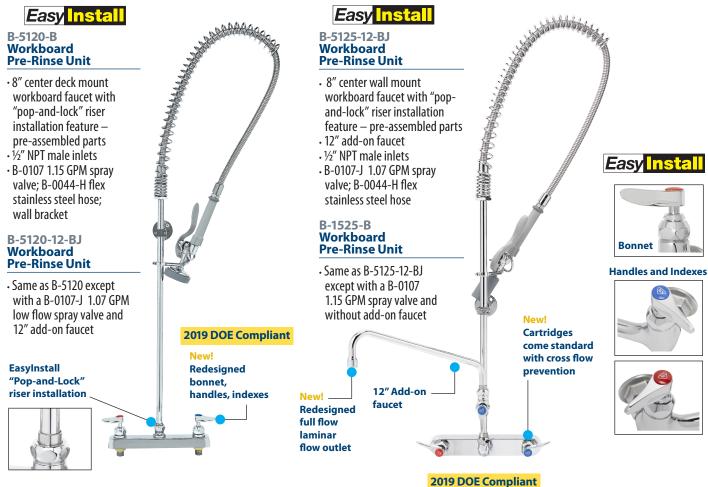


# **ALL PULL DOWN MODELS FEATURE:** DURAPULL • Dual temperature Cerama cartridges • Sprayer (1.07 GPM) **UNPARALLELED** RELIABILITY • Pull down activation and automatic shut-off 7-year warranty • 7-YEAR warranty SAME HEIGHT AND REACH as traditional pre-rinse units **SWIVEL** allows 360° rotation of spray valve **SIMPLY PULL DOWN** to activate water Highly DURABLE CERAMIC CARTRIDGES come standard RIGOROUS **LIFECYCLE TESTING** far exceeds industry standards B-0133-12-CRB8P Pull Down Pre-Rinse Unit

Easy Install



**NEW!** Our **EasyInstall Workboard Pre-Rinse Assemblies** with "Pop-and-Lock" Riser Installation have the same high-quality features you find in our existing T&S pre-rinses. Also new are our **T&S Workboard Low Profile Pre-Rinse Units** that work perfectly where space is tight in your busy kitchen.



Model	Mount	Cartridge	12" ADF	Spray Valve	
B-5125-12-B	8"Wall	Eterna	Υ	B-0107	
B-5125-12-BJ	8"Wall	Eterna	Υ	B-0107-J	
B-5125-B	8"Wall	Eterna	N	B-0107	
B-5125-BJ	8"Wall	Eterna	N	B-0107-J	
B-5125-12-CR-B	8"Wall	Cerama	Υ	B-0107	
B-5125-12-CRBJ	8"Wall	Cerama	Υ	B-0107-J	
B-5125-CR-B	8"Wall	Cerama	N	B-0107	
B-5125-CR-BJ	8"Wall	Cerama	N	B-0107-J	
B-5120-12-B	8" Deck	Eterna	Υ	B-0107	
B-5120-12-BJ	8" Deck	Eterna	Υ	B-0107-J	
B-5120-B	8" Deck	Eterna	N	B-0107	
B-5120-BJ	8" Deck	Eterna	N	B-0107-J	
B-5120-12-CR-B	8" Deck	Cerama	Υ	B-0107	
B-5120-12-CRBJ	8" Deck	Cerama	Υ	B-0107-J	
B-5120-CR-B	8" Deck	Cerama	N	B-0107	
B-5120-CR-BJ	8" Deck	Cerama	N	B-0107-J	
Low Profile Workboard Pre-Rinse Unit Models					
Model	Mount	Cartridge	8" ADF	Spray Valve	
MPJ-4CLN-08-CR	4" Deck	Cerama	Υ	B-0107-J	

All Pre-rinse Units listed above are standard with lever handles and a B-0109-01 6" wall bracket

# MPJ-4CLN-08-CR Low Profile Pre-Rinse Unit 4" center deck mount base faucet 6" swing nozzle with add-on faucet Compact spring and hose B-0107 spray valve (1.15 GPM) Wall bracket (B-0109-01) Low profile fits in limited kitchen spaces



# **B-0107**

# **Spray Valve**

- Flow Rate **1.15 GPM** (4.35 Lpm) @ 60 PSI (4.14 bar)
- Spray Force 7.5 Ozf (212 Gramf) @ 60 PSI (4.14 bar)
- Connects directly to T&S handle assembly
- Designed for heavy use in commercial kitchens
- · Shuts off when handle is released



# **Ultimate Low Flow Spray Valve**

- Flow Rate **0.65 GPM** (2.5 Lpm) @ 60 PSI (4.14 bar)
- Spray Force 4.4 Ozf (125 Gramf) @ 60 PSI (4.14 bar)



### B-0107-J

# **Low Flow Spray Valve**

- Flow Rate **1.07 GPM** (4.1 Lpm) @ 60 PSI (4.14 bar)
- Spray Force 4.4 Ozf (125 Gramf) @ 60 PSI (4.14 bar)
- · Low flow spray valve with powerful cleaning ability





- Flow Rate **1.07 GPM** (4.1 Lpm) @ 60 PSI (4.14 bar)
- Spray Force 4.4 Ozf (125 Gramf) @ 60 PSI (4.14 bar)
- Ergonomic design helps reduce fatigue caused by repetitive tasks
- Forged brass body
- Fast action stainless steel trigger
- Retrofits most commercial pre-rinse units and hoses

# B-0108-C

### ₩ Jél Spray **Low Flow JeTSpray Valve**

- Flow Rate **0.65 GPM** (2.5 Lpm) @ 60 PSI (4.14 bar)
- Spray Force 4.6 Ozf (130 Gramf) @ 60 PSI (4.14 bar)
- Ergonomic design helps reduce fatigue caused by repetitive tasks
- Forged brass body
- Fast action stainless steel trigger
- Retrofits most commercial pre-rinse units and hoses

# B-0156

# **Add-On Faucet for Pre-Rinse Units**

- Standard add-on faucet swing nozzle can be added to pre-rinse units
- 12" (305 mm) swing nozzle (062X)
- Includes 3" (76 mm) nipple to install on existing base faucets (000358-40)

Note: A B-0156 increases the height of a pre-rinse unit by approximately 4½" (114 mm). Different nozzle lengths furnished upon request — single- or double-jointed.





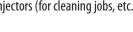
# **B-TEE-RGD**

# **Accessory Tee Assembly**

• Rigid tee assembly for T&S pre-rinse units

**B-0230 Series Faucet Installation Kit** 

- · Chrome plated tee can be retrofitted to existing pre-rinses
- Provides additional water source for accessory applications such as chemical injectors (for cleaning jobs, etc.)



Kit includes (2) of each:

- 1/2" NPT supply nipples
- Lock nuts

B-0230-K

- Lock washers
- 1/2" NPT male x female short elbows

# 018200-40 **Pre-Rinse Swivel**

- Swivel allows 360° rotation and motion
- · Cuts down on strain and fatigue in user; extends the life of the spray valve
- Factory installed on select PRUs and spray valve assemblies; can be easily retrofitted when ordered separately

Note: Hose and spray valve are not included

# B-0044-H **Stainless Steel Hose**

- Flexible stainless steel hose; 44" (1117 mm) long with heat resistant handle
- Inner polyurethane tubing
- · Supplied on most pre-rinse units with spring action gooseneck

# **B-0100-SWV Spray Valve Assembly with Swivel**

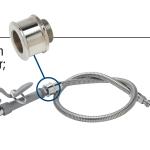
- Flow Rate 1.15 GPM (4.35 Lpm) @ 60 PSI (4.14 bar)
- Spray Force 7.5 Ozf (212 Gramf) @ 60 PSI (4.14 bar)
- Swivel allows 360° rotation and motion
- · Reduces strain and fatigue in user; extends life of spray valve and hose
- Flexible stainless steel hose; 44" (1117 mm)
- · Hold-down ring for continuous use

Note: Swivel is factory installed on select PRUs and spray valve assemblies; can be easily retrofitted











# Introducing...

The T&S Solution To Add-On Accessory Tees in the Kitchen

Need an additional water source from your EasyInstall T&S pre-rinse unit or mixing faucet? Finding it hard to install? The T&S solution – a B-TEE-RGD designed for use with T&S pre-rinses, or B-TEE-EZK, designed for use with T&S mixing faucets.

# **Tee Application**

Tees on pre-rinse units and mixing faucets are used to supply water to accessory applications such as chemical injectors (for cleaning jobs, etc.). They are <u>not</u> intended to introduce chemicals into the T&S pre-rinse unit or mixing faucet. A backflow prevention device should be installed if not included with the accessory device.

# **T&S Pre-Rinse Tee Models**

We have four new T&S pre-rinse models which include a **B-TEE-RGD**:

B-0113-A12B-TEE PRU, 12" add-on faucet, wall bracket, rigid tee

B-0113-B-TEE PRU, wall bracket and rigid tee

B-0133-A12B-TEE PRU, 12" add-on faucet, wall bracket, rigid tee

B-0133-B-TEE PRU, wall bracket and rigid tee

The **B-TEE-RGD** can be easily retrofitted to an existing T&S pre-rinse, ordered separately or used to modify a new pre-rinse unit. Ex.: "B-0123-B modified with a B-TEE-RGD."

# **T&S Mixing Faucet Tees**

The **B-TEE-EZK** can be easily retrofitted to an existing T&S mixing faucet, ordered separately or used to modify a new

faucet. Ex.: "B-0230 modified with a B-TEE-EZK."

# **T&S Tee Features**

- Chrome plated brass
- Low-lead compliant (AB1953)
- Easy installed on an existing T&S pre-rinse unit and mixing faucet



# 38" NPT x Pipe Nipple 2-38" (60 mm) 38" NPT x Female Tee

# **B-TEE-RGD**

- Recommended installation is just below spring body on pre-rinse riser
- Includes a hex L-Key to remove existing EasyInstall swivel piece if necessary

# **B-TEE-EZK**

- Install into faucet body outlet
- Includes swivel to rigid star washer

B-0113-B-TEE



\* PLEASE NOTE: Adding a **non-T&S** Tee voids the T&S warranty on your pre-rinse unit or mixing faucet.









# Check out ULTRARINSE™ from T&S



# The ULTRARINSE Difference

- Fan spray tips are angled to maximize surface area contact and clean and rinse more quickly
- Hands-free operation allows for efficient two-handed processing
- Rinses away particulates and bacteria that regular faucets' spray patterns can leave behind
- Great for rinsing produce and thawing foods
- Retrofits T&S manual faucets and Pre-Rinse Units (requires swivel outlet body)
- Available in two lengths 10" length for use with 12" nozzles and 16" length for use with 18" nozzles
- Promotes food safety
- Reduces food damage and waste
- Patented US Patent # 10,563,384

# Easy-To-Use

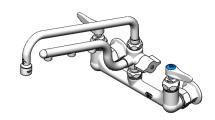
- The ULTRARINSE handle has two positions spray and fill
  - Spray activates the spray fan tips, fill activates the nozzle

# **ULTRARINSE** – only from T&S.



# Check out ULTRARINSE™ from T&S

Single Hole Pantry Faucet		Deck Mount Pantry Faucet		Wall Mount Pantry Faucet	
B-0200-U18	18" Nozzle and 16" ULTRARINSE	B-0220-U18	18" Nozzle and 16" ULTRARINSE	B-0230-U18	18" Nozzle and 16" ULTRARINSE
B-0201-U12	12" Nozzle and 10" ULTRARINSE	B-0221-U12	12" Nozzle and 10" ULTRARINSE	B-0231-U12	12" Nozzie and 10" ULTRARINSE
B-0200-U18-CR	Cerama Cartridges, 18" Nozzle and 16" ULTRARINSE	B-0220-U18-CR	Cerama Cartridges, 18" Nozzle and 16" ULTRARINSE	B-0230-U18-CR	Cerama Cartridges, 18" Nozzle and 16" ULTRARINSE
B-0201-U12-CR	Cerama Cartridges, 12" Nozzle and 10" ULTRARINSE	B-0221-U12-CR	Cerama Cartridges, 12" Nozzle and 10" ULTRARINSE	B-0231-U12-CR	Cerama Cartridges, 12" Nozzle and 10" ULTRARINSE



Single Hole PRU		Deck Mount PRU		Wall Mount PRU	
B-0113-U12-B	12" Add-On Faucet and 10" ULTRARINSE and Wall Bracket	B-0123-U12-B	12" Add-On Faucet and 10" ULTRARINSE and Wall Bracket	B-0133-U12-B	12" Add-On Faucet and 10" ULTRARINSE and Wall Bracket
B-0113-U12-CR-B	Cerama Cartridges, 12" Add-On Faucet and 10" ULTRARINSE	B-0123-U12-CR-B	Cerama Cartridges, 12" Add-On Faucet and 10" ULTRARINSE	B-0133-U12-CR-B	Cerama Cartridges, 12" Add-On Faucet and 10" ULTRARINSE



