IN-BENCH PITCHER RINSER CLEANING INTRUCTIONS

The following cleaning procedure should be completed nightly at close of store. Failure to complete this cleaning procedure can result in poor operating drains. We highly suggest using the following cleaning procedure to keep your rinser in pristine condition.

You Will Need:

- 1 x Cafetto Daily Milk Frother Cleaner
- 1 x soft cloth
- 1 x 2 litre container (wide enough to soak the Actuator Plate)

Cleaning the Drain Tray, Actuator Plate, and Rinser Surfaces:

Add 50ml of Daily Milk Frother Cleaner to 1 litre of warm water.

Remove the drain tray.

Unscrew the spray valve from the rinser body.

Remove the Actuator Plate.

IN-BENCH PITCHER RINSER CLEANING INTRUCTIONS

5.

Add the removed parts to the Daily Milk Frother Cleaner solution. Allow the parts to soak while cleaning the remainder of the rinser.

6.

Dip a soft cloth into the diluted cleaning solution and use to wipe down the surfaces of the rinser. Remove soaking parts from cleaning solution and rinse.

7.

Pour the remaining diluted solution into the rinser slowly and allow the solution to drain. This will clean the drain piece and drain hose.

8.

Built-up solids may need mechanical/ hand agitation to remove.

IN-BENCH PITCHER RINSER CLEANING INTRUCTIONS

9.

Once complete and all milk residue has been removed, give the entire unit a final rinse with clean water.

10.

Reassemble the Drain Tray,

11.

Actuator Plate

12.

and Spray Valve.

The rinser is now ready for the next day's operation.

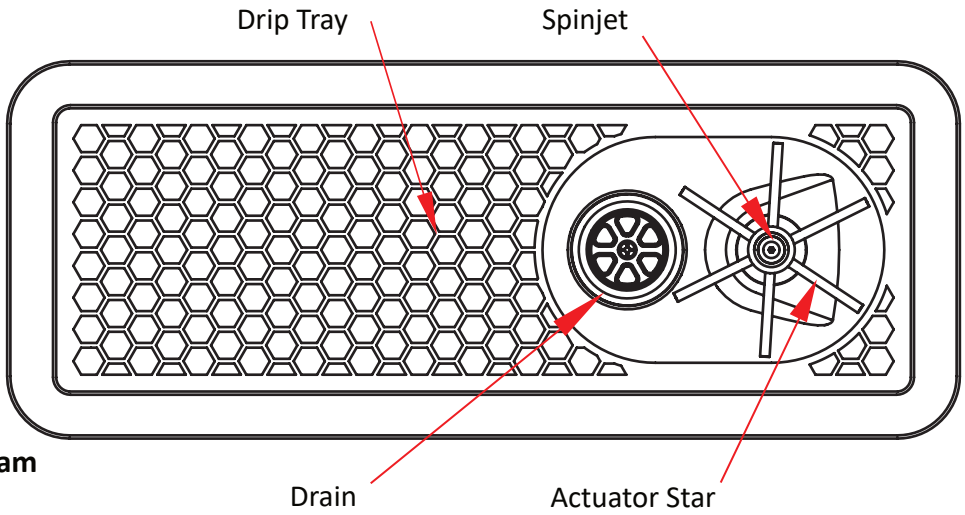
RHINO COFFEE GEAR - SPINJET RINSER CLEANING INSTRUCTIONS

Contents

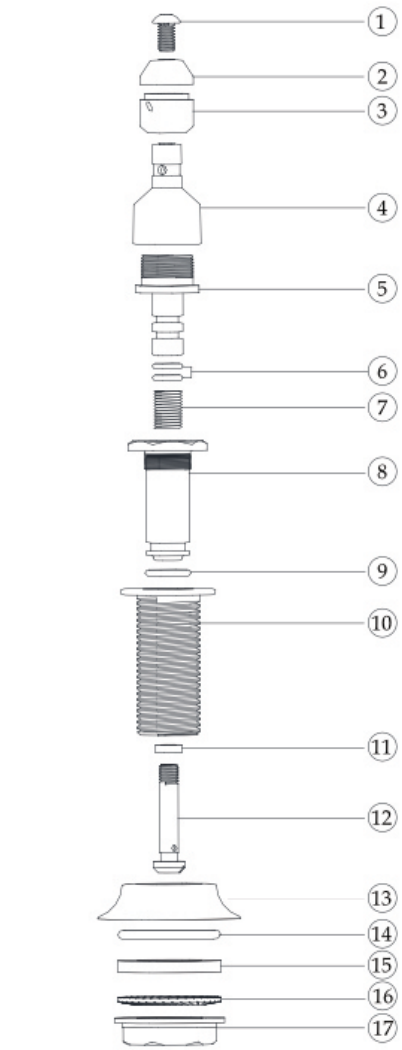
Please note: these instructions apply to the Rhino Coffee Gear Spinjet rinser (RHPR600-S, RHPR300-S, RPHR150-S) and to any rinser sink fabricated using Rhino Coffee Gear components

Spinjet Rinser Parts Diagram

1. Drip Tray
2. Spinjet
3. Drain
4. Actuator Star



Rinser Valve - Exploded Parts Diagram



Item	Part Name	Material	Specification	Quantity
1	Vented Cap Screw	SUS304	Brush	1
2	Spin Barrel Cap	SUS304	Brush	1
3	Spin Barrel	SUS304	Brush	1
4	Spin Barrel Stem	PA66		1
5	Spray Head Stem	SUS304	Polish	1
6	Spray Head Stem O-Ring	Silicon		2
7	Spray Head Stem Spring	SUS304		1
8	Inner Valve Body	SUS304	Polish	1
9	Inner Valve Body O-Ring	Silicon		1
10	Outer Valve Body	SUS304	Polish	1
11	Actuator Pin Seal	Silicon		1
12	Actuator Pin	SUS304	Brush	1
13	Valve Riser	PA66		1
14	Valve Riser O-Ring	Silicon		1
15	Outer Valve Body Bottom Seal	Silicon		1
16	Bottom Seal Washer	SUS304		1
17	Valve Assembly Nut	SUS304		1

RHINO COFFEE GEAR - SPINJET RINSER CLEANING INSTRUCTIONS

Cleaning of the Rhino Coffee Gear Spinjet rinser.

Please note, these instructions apply to the Rhino Coffee Gear Spinjet rinser (RHPR600-S) and to any rinser sink fabricated using Rhino Coffee Gear components (specifically, the Franke MetroBar Sink.)

The RCG Spinjet sink requires daily cleaning and periodic (every three to six months, according to usage and water quality) maintenance.

1. Daily cleaning procedure

(A) Using an adjustable wrench, locate the 2 notches at the base of the spinjet

(B) While holding the actuator star in place, unscrew the Spinjet from the spray valve. (Be careful not to rotate or spin the actuator.)

(C) Remove the actuator star by lifting it over the top of the valve

2. Cleaning the Spinjet and actuator star

We recommend a dilute solution made from Cafetto Milk Frother Cleaner (diluted 1:20 with hot water) for this step.

(A) Immerse the Spinjet and actuator star in the cleaning solution for 10 mins.

(B) After 10 minutes, remove the Spinjet tip and actuator star from cleaning solution and rinse thoroughly with clean water.

- If required, the actuator star can be dishwashed. Note that we do not recommend dishwashing for the Spinjet tip as, due to the small size, it may be lost.

RHINO COFFEE GEAR - SPINJET RINSER CLEANING INSTRUCTIONS

3. Clean the rest of the sink

- While soaking the Spinjet and Actuator star, carefully remove the drip tray from the sink basin. Clean the drip tray and rinser basin using the dilute Milk Frother Cleaner solution and a soft cloth.
- If milk has dried on to the drip tray, it may be soaked in the Milk Frother Cleaner solution or cleaned in the dishwasher.

4. Clean the waste water lines

- Once the parts are clean and finished soaking, pour the dilute Milk Frother Cleaner solution slowly into the sink and allow it to drain. This will clean the drain assembly and help maintain the waste hose. Rinse with clean water.

5. Reassemble the rinser and reconnect the Spinjet

(A) Replace the actuator star over the valve body.

(B) Replace the Spinjet by attaching to the spray valve.

(C) Tighten with adjustable wrench & Replace the drain tray.

Preventative Maintenance:

Just like an espresso machine, the Rhino Coffee Gear Spinjet rinser contains consumable parts which will wear out during use and require replacement to keep the rinser in perfect working order. SKU RHSPVSK-01 is the maintenance kit you will require.

We recommend incorporating the replacement of these parts into your maintenance program and replacing all consumable parts at the same time, rather than waiting for the parts to fail. Under average conditions, replacement will be required approximately every 6 months. Under high volume usage or hard water conditions, parts may degrade more quickly, please adjust your maintenance program accordingly.

We also recommend keeping stock of the replacement parts on hand in case of emergencies.

Indications that your gaskets and/or seals require replacement:

When not in use, a small amount of water runs from the rinser head

The actuator is hard to depress, or, once depressed, is slow to return to it's original 'closed' position.

REPLACING THE O-RINGS ON RHINO PITCHER RINSER VALVES

Service & Maintenance for commercial installations

We suggest the operating o-rings be replaced every 6 months (depending on use)
See below for in-place valve removal instructions.

Note: For replacement part kit **(RHSPVSK-01)**

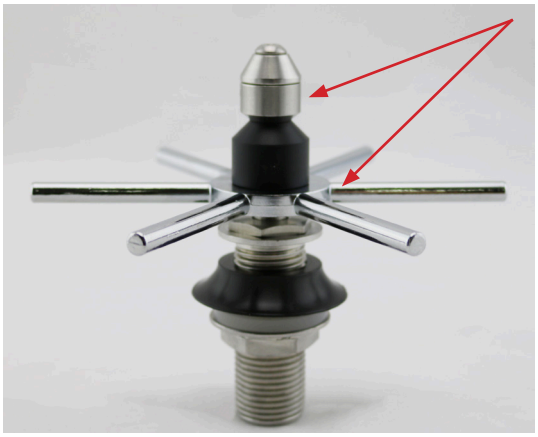
Changing the o-rings can be done while the unit is in position, there is no need to remove the entire spray mechanism from the body of the rinser.

This document will outline how to:

- Remove the inner body valve from the spray mechanism
- Discard the old o-rings and replace with new o-rings and lubricate the new o-rings, stem valve and piston with high temperature silicone grease. Part Number **SILGREASEHT113G** Silicone Grease High Temperature 113g
- Reassemble

For the purposes of this information sheet we have removed the rinsing mechanism from the rinser as well as the water line.
Start off by isolating/ turning off your water supply.

Remove the spray cap/tip and actuator star, You will be left with the main body of the spray mechanism.



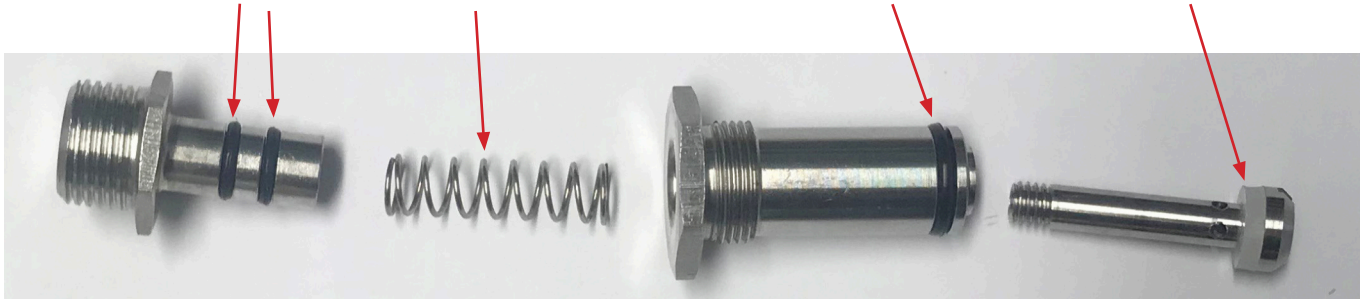
By unscrewing the boJ om nut you can remove the inner valve body. Once the inner valve body has been removed it will expose the activation piston.

*Note: Seals supplied may be black or clear.

REPLACING THE O-RINGS ON RHINO PITCHER RINSER VALVES

Using a flathead screwdriver unscrew the activation piston from the inner valve body.

Discard the old seals and replace with new



Insert the activation piston into the inner valve body, ensure that the spring is still sittng in the inner sleeve.

Locate the spray head stem. Using a flathead screwdriver, tighten activation until secure.

*Note: Seals supplied may be black or clear.

REPLACING THE O-RINGS
ON RHINO PITCHER RINSER VALVES

Locate the inner body valve back onto the main spray mechanism and tighten.


Replace actuator plate and spray cap/tip. Reconnect fittings and waterline.


From here, you can turn on you water supply and the rinser is ready to use.

*Note: Seals supplied may be black or clear.

RHINO COFFEE GEAR - SPINJET RINSER CLEANING INSTRUCTIONS

Troubleshooting

The great majority of service calls for this item are resolved by preventative maintenance of the seals and gaskets.

Problem: *The rinser is leaking. When not in use, a small amount of water trickles from the rinser head, or around the actuator*
Solution: The gaskets/seals are worn or damaged. Replace the gaskets, seals and spring

Problem: *The actuator is hard to depress*
Solution: Replace the gaskets, seals and spring

Problem: *The actuator does not bounce back up when pressure is removed (IE if you remove the milk pitcher but water continues to spray upwards)*
Solution: Replace the gaskets, seals and spring

Problem: *Water pressure from the rinser is too low / too high*
Solution: Ideal operating pressure for the rinser is 350 kPa. A pressure limiting valve (PLV) may be required in some installations to ensure ideal operating pressure

Problem: *The rinser head (including the actuator plate) is loose, wobbling, or detaches from the sink*
Solution: The rinser head attaches to the sink via a pin (part #14, RHMECHPIN) which screws in from beneath the sink body. If this pin becomes loose or is removed, the actuator head will no longer be securely attached. To prevent this issue, NEVER SPIN or ROTATE the actuator disc during use, as this can unthread the pin connection.

To resolve, check that the pin is in place and tightly secured. If the pin is damaged or missing, spares are available (SKU: RHMECHPIN.)

For additional troubleshooting or any issues not described here, please send a description of the issue along with accompanying photos/video to sales@rhinocoffeegear.com

IN-BENCH PITCHER RINSER INSTALLATION INTRUCTIONS

Preparing Bench for Installing Main Body

- Remove rinser from packaging and measure the physical unit prior to cutting bench (see image #1)
- Measure to the external edge of the mounting tabs. Leave 3mm gap to allow for the mounting clips to locate correctly between the bench and mounting tabs (see Note #1)
- Ensure appropriate angles have been measured to allow for the curved corners (see Note #2)
- Cut hole in bench/counter top and place rinser into position
- Secure Rinser to the bench by installing mounting clips (a) to all mounting tabs (b) and tighten as required (see image #2)

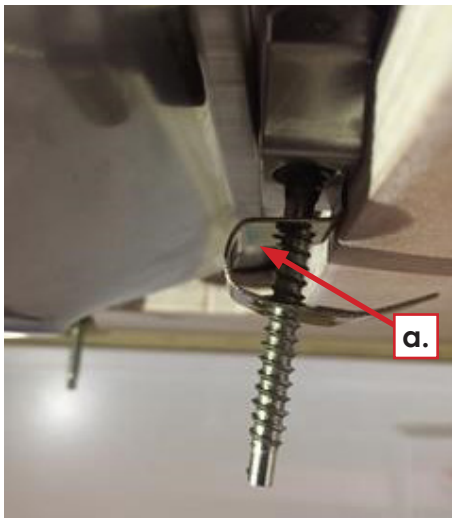
Note: Do not cut out bench top surfaces prior to receiving your rinser: Due to slight variations in manufacturing design and the varying requirements of bench materials, it is strongly recommended to have the physical vessel rinser on-hand prior to cutting into bench top surfaces. Rhino Coffee Gear does not take responsibility for errors concerning installation and provides the sizes and dimensions as a layout guide only.

Image #1

Note #1: Measure distance from outer edge of rinser to the external edge of mounting clip (leaving a 3mm gap.)

Note #2: Allow for curved edges when measuring out corners

Image #2



IN-BENCH PITCHER RINSER INSTALLATION INTRUCTIONS

Connecting the Drain

- Remove the centre screw

- Identify the top-side and underside of the drain (see image #4)
  *Note: ensure the black gasket is installed on the underside of the rinser (see image #5)*Locate the top section of the drain into position and insert screw
  From the underside of the rinser, position bottom section of drain (image #7), tighten screw to secure.

Image #4

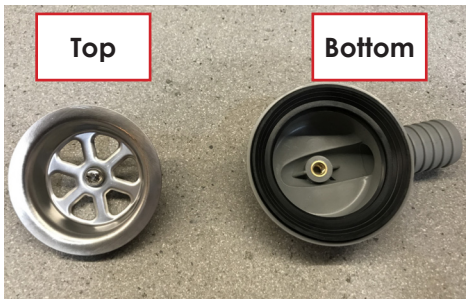


Image #5

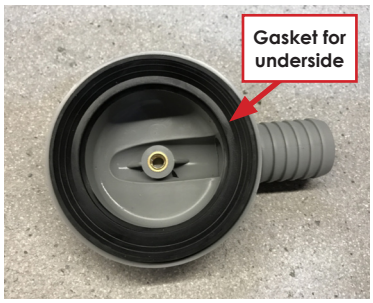


Image #6

Image #7

Connecting Drain Hose

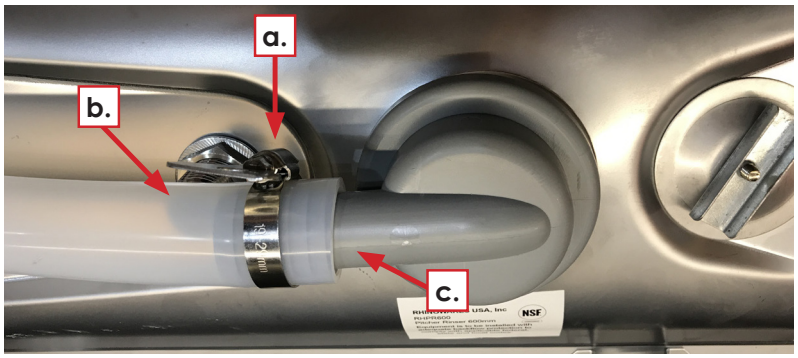
- Place hose clamp (a) over drain tube (b)

- Push drain hose (b) over the drain barb(c)

- Tighten hose clamp (a) to secure (see *Image #8*)

- Run drain hose to appropriate drainage point
  Note: always test drain is working properly and there is no leaks at points of connection or in hose prior to first use.

Image #8



IN-BENCH PITCHER RINSER INSTALLATION INTRUCTIONS

Connecting Water Supply

Equipment is to be installed with adequate backflow protection to comply with applicable federal, state and local codes.

- Cold water connection only.
- Operating Pressure Range should be limited to 350 KPA or 35PSI

Push Fit Connection

- Fasten push-fit connection to the bottom of the spray mechanism. (See image #9).
  Note: Rhino Coffee Gear also supplies an elbow connection that can be added if install requires water line to be brought in on a 90° angle.

- Connect poly tube to the spray mechanism (see image #10)

- Connect other end of hose to the water inlet

Image #9

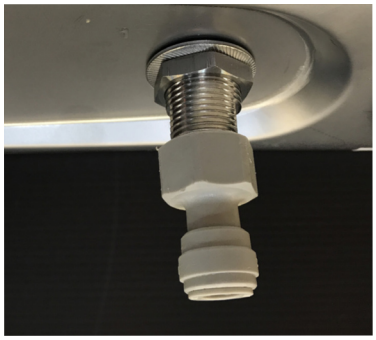


Image #10

Spray Mechanism

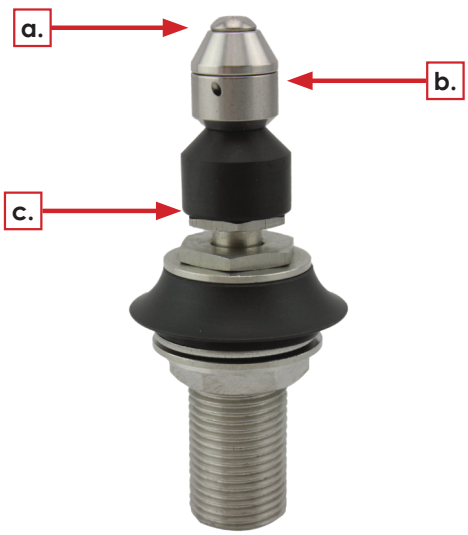
- Unscrew Sprayer cap (a.) and Spray Nozzle (b.) from the Sprayer Base (c.)

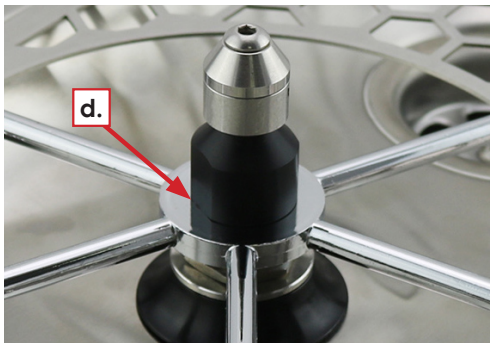
- Locate Sprayer Base (c.) into position on the underside of the rinser body

- Screw Sprayer Cap (a.) onto the Sprayer Base (c.) from the top-side of the rinser body)

- Place Spray Actuator Star (d.) onto the Sprayer Cap (a.)

- Secure the Spray Actuator Ring (d.) by screwing the Spray Cap & Nozzle (a/b.) onto the Sprayer Base (c.)





IN-BENCH PITCHER RINSER INSTALLATION INTRUCTIONS

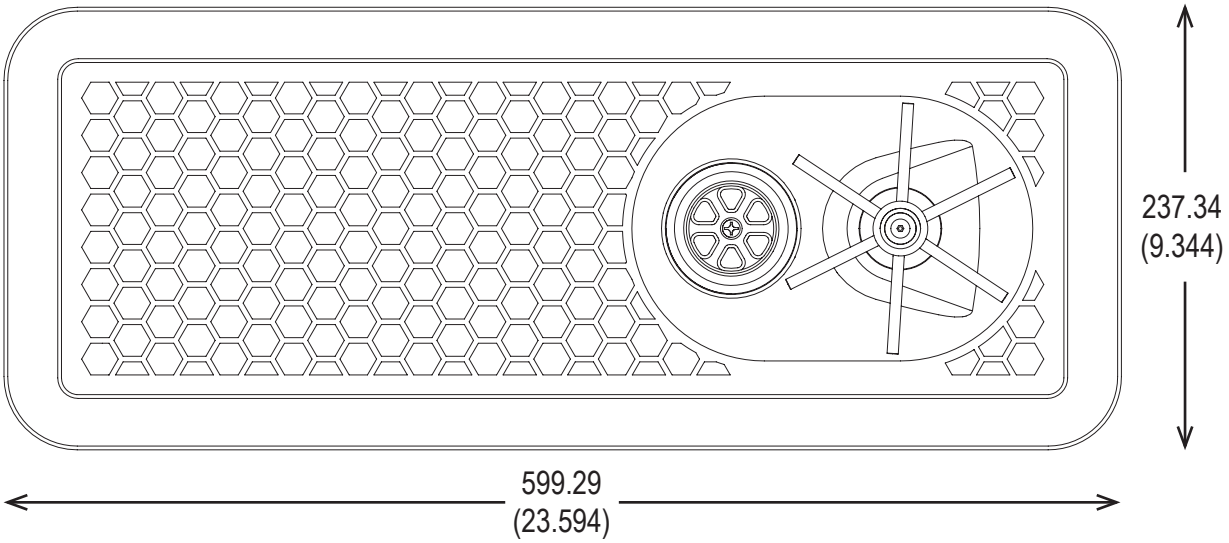
Final Check/ Overview

- Check that all connections for water supply and drain have been connected correctly
- Turn on water supply, check that all connections are secure and there are no leaks
- Place vessel over the spray mechanism
- Depress mechanism to test water flow

Note: *If any of the connections leak during testing, ensure fittings are all tight and thread tape has been applied correctly.*

IN-BENCH PITCHER RINSER INSTALLATION INTRUCTIONS

RHPR600-S
600mm In Bench Pitcher Rinser



Standard Inclusions

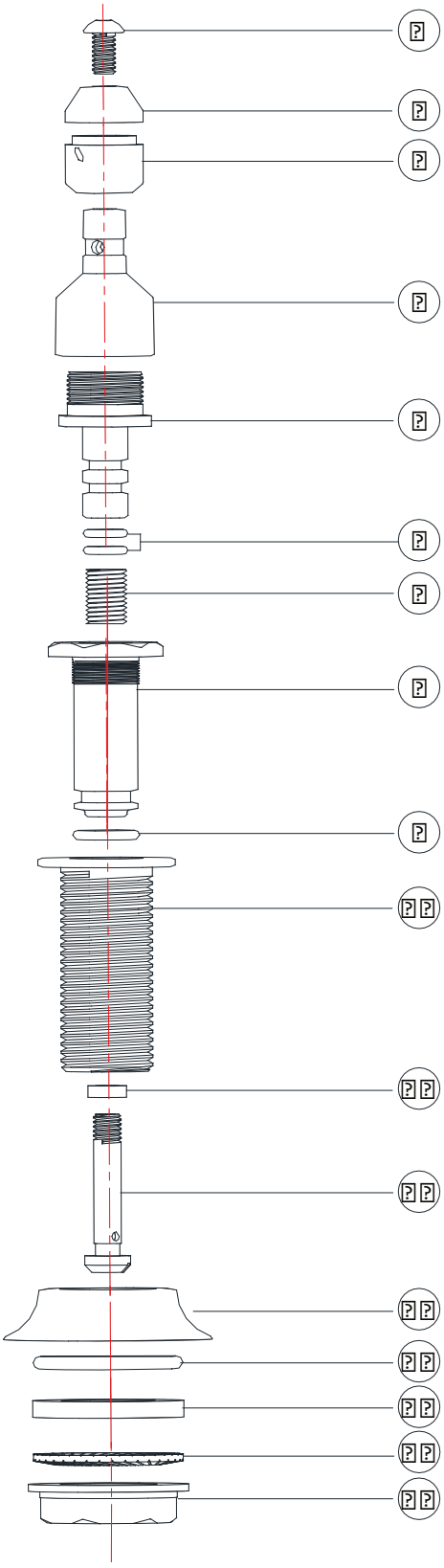
- 1 x Sink.
- 1 x Spray mechanism.
- 1 x Actuator plate.
- 1 x 3/8 inch John Guest inlet adapter .
- 4 x Mounting clips.

Product Specifications & Features

- All surfaces are sloped to drain.
- 304 Stainless steel construction.
- Brushed finish sink body and polished rinser mechanism
- No sharp edges, corners are rounded for safety.
- Secure mounting with 4 mounting clips.
- For use with water temperature below 86F.
- Removable drain grate design makes cleaning easy.
- NSF certified.

REPLACING THE O-RINGS
ON RHINO PITCHER RINSER VALVES

Rinser Valve - Exploded Parts Diagram



Item	Part Name
1	Vented Cap Screw
2	Spin Barrel Cap
3	Spin Barrel Cap
4	Spin Barrel Stem
5	Spray Head Stem
6	Spray Head Stem O-Ring
7	Spray Head Stem Spring
8	Inner Valve Body
9	Inner Valve Body O-Ring
10	Outer Valve Body
11	Actuator Pin Seal
12	Actuator Pin
13	Valve Riser
14	Valve Riser O-Ring
15	Outer Valve Body Bottom Seal
16	Bottom Seal Washer
17	Valve Assembly Nut

REPLACING THE O-RINGS ON RHINO PITCHER RINSER VALVES

Service & Maintenance for commercial installations

We suggest the operating o-rings be replaced every 6 months (depending on use)
See below for in-place valve removal instructions.

Note: You will need replacement part kit **(RHSPVSK-01)**

Changing the o-rings can be done while the unit is in position, there is no need to remove the entire spray mechanism from the body of the rinser.

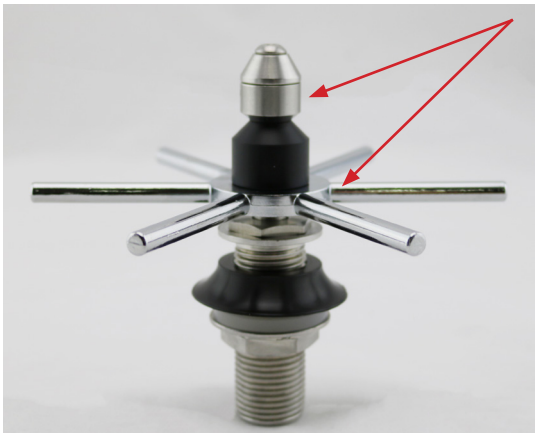
This document will outline how to:

- Remove the inner body valve from the spray mechanism
- Change the o-rings
- Reassemble

For the purposes of this information sheet we have removed the rinsing mechanism from the rinser as well as the water line.

Start off by isolating/ turning off your water supply.

Remove the spray cap/tip and actuator star, You will be left with the main body of the spray mechanism.



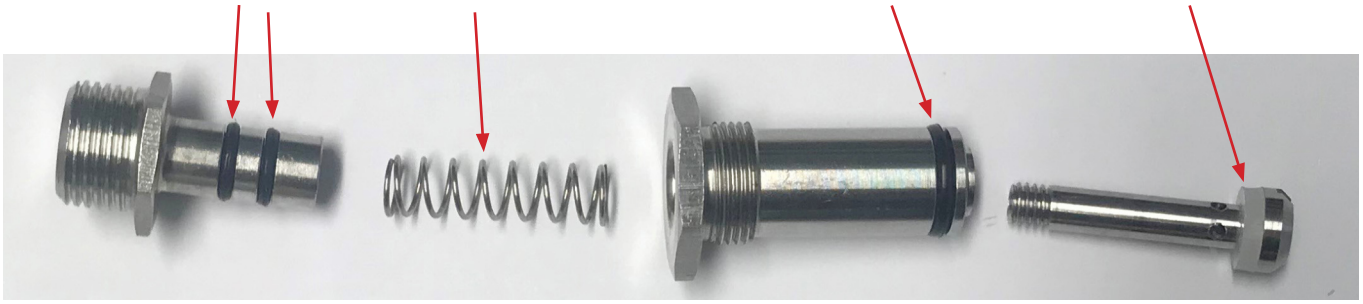
By unscrewing the bottom nut you can remove the inner valve body. Once the inner valve body has been removed it will expose the activation piston.

*Note: Seals supplied may be black or clear.

REPLACING THE O-RINGS ON RHINO PITCHER RINSER VALVES

Using a flathead screwdriver unscrew the activation piston from the inner valve body.

Discard the old seals and replace with new



Insert the activation piston into the inner valve body, ensure that the spring is still sitting in the inner sleeve.

Locate the spray head stem. Using a flathead screwdriver, tighten activation until secure.

*Note: Seals supplied may be black or clear.

REPLACING THE O-RINGS
ON RHINO PITCHER RINSER VALVES

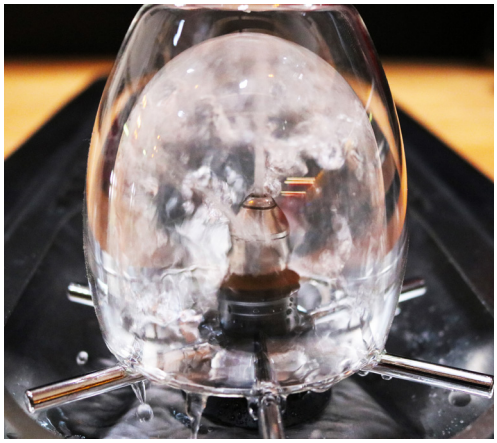
Locate the inner body valve back onto the main spray mechanism and tighten.


Replace actuator plate and spray cap/tip. Reconnect fittings and waterline.


From here, you can turn on you water supply and the rinser is ready to use.

*Note: Seals supplied may be black or clear.

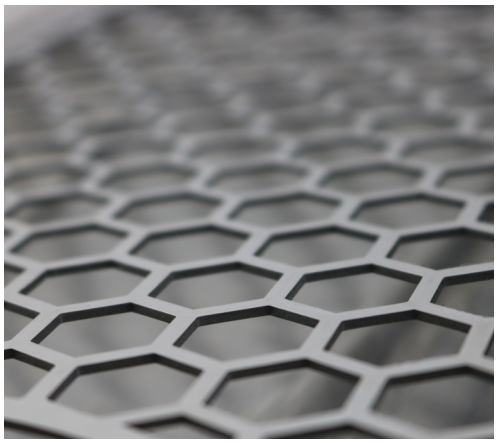
SPINJET VESSEL RINSER RHPR600-S



EFFECTIVE MECHANICAL CLEANING

The Spinjet Valve sprays and spins at the same time creating a more robust mechanical cleaning action than normal rinsing valves.

It is ideal for plungers using tea leaves, stubborn coffee grounds, and milk and other residues that can often be difficult to clean.



SUPERIOR DRAINAGE

The honeycomb grate design minimises the surface area of the drain tray, reducing static build-up of liquids and making cleaning easy.

The low profile body is optimally sloped and angled to ensure effective removal of liquids, reducing common odours caused from static waste.

A large drain outlet and wide grate-free opening near the drain creates a convenient location to quickly discard larger volumes of liquid.

LARGER VESSEL OPTIONS

The Actuator Star diameter allows both small and larger vessels to be cleaned easily.

An ideal add-on for blender jugs and other larger vessels is the Blender Adapter Kit. This kit includes an extension rod and a larger actuator to suit plungers, milkshake cups, and popular blender jugs such as Blendtec® and Vitamix®.

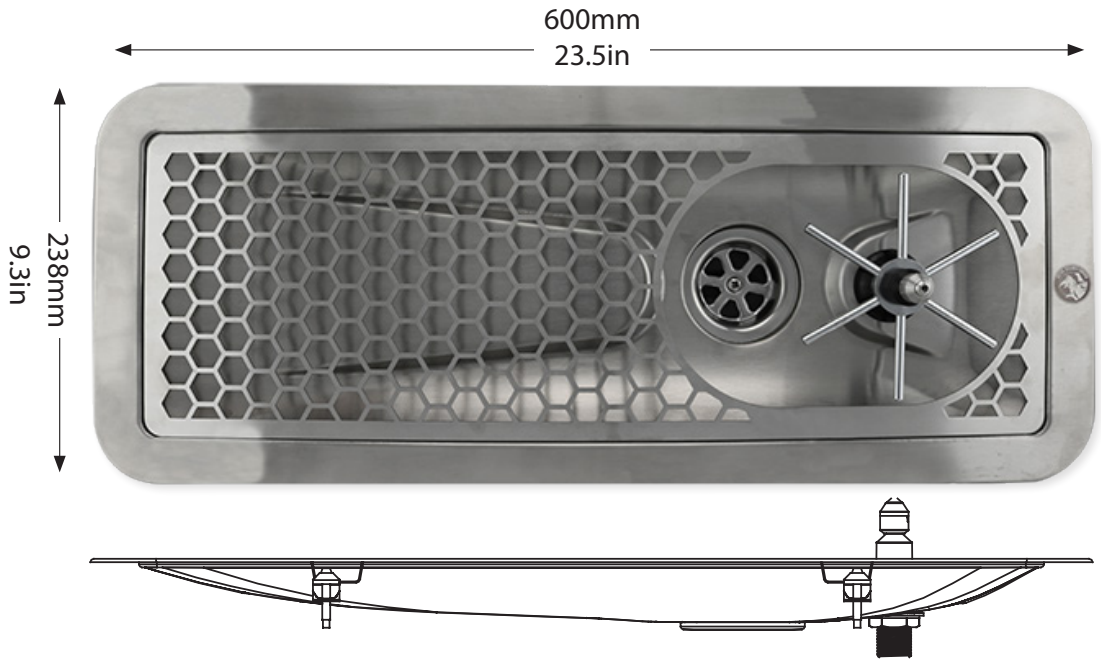
bombora
coffee + water supplies

p: 1300 724 249
e: sales@bomborasupplies.com.au

SPINJET VESSEL RINSER RHPR600-S

SPECIFICATIONS

• Product dimensions (approx): 238mm W x 600mm L 85mm D (from drain elbow to top of bench)
• Packaged dimensions (approx): 277mm W x 622mm L 97mm D
• Product weight: 3.74lb (1.7kg) Packaged weight: 5.18lb (2.35kg)
• Brushed stainless steel finish



STANDARD INCLUSIONS

1 x Sink
1 x Drain Tray
1 x Spinjet Valve
1 x Sink Waste/Drain Outlet
1 x Actuator Star
1 x 3/8" Push Fit John Guest Inlet Adapter
4 x Mounting Clips

YOU WILL NEED:

1 x Pressure Limiting Valve
1 x Water Hose & Fittings
1 x Drain Hose

OPTIONAL UPGRADE KIT

RHBRM
Blender Rinser Kit

SPARE PARTS

RHSPVSK-01
Spinjet Valve Gasket Kit

CONFIDENCE

NSF Certified and made with 100% food safe materials

RHINOWARES USA, Inc
RHPR600-S
Vessel Rinser-Spinjet
600mm

bombora coffee + water supplies
p: 1300 724 249
e: sales@bomborasupplies.com.au

RHINO® HONEYCOMB VESSEL RINSERS

EFFECTIVE MECHANICAL CLEANING - The Spinjet Valve sprays and spins at the same time creating a more robust mechanical cleaning action than regular rinsing valves. It is ideal for plungers using tea leaves, stubborn coffee grounds, and milk and other residues that can often be difficult to clean.

SUPERIOR DRAINAGE - The honeycomb grate design on the RHPR300-S minimises the surface area of the drain tray, reducing static build-up of liquids and making cleaning easy. The low profile body is optimally sloped and angled to ensure effective removal of liquids, reducing common odours caused from static waste. A large drain outlet and wide grate-free opening near the drain creates a convenient location to quickly discard larger volumes of liquid.

LARGER VESSEL OPTIONS - The Actuator Star diameter allows both small and larger vessels to be cleaned easily. An ideal add-on for blender jugs and other larger vessels is the Blender Adapter Kit. This kit includes an extension rod and a larger actuator to suit plungers, milkshake cups, and popular blender jugs such as Blendtec and Vitamix.

300mm Honeycomb Spinjet Rinser
RHPR300-S

600mm Honeycomb Spinjet Rinser
RHPR600-S

STANDARD INCLUSIONS

- 1 x Sink
- 1 x Drain Tray
- 1 x Spinjet Valve
- 1 x Drain
- 1 x Actuator Star
- 1 x 3/8" Inch John Guest Inlet Adapter
- 4 x Mounting Clips

YOU WILL NEED:

- 1 x Pressure Limiting Valve
- 1 x Water Hose & Fittings
- 1 x Drain Hose

600mm Vessel Rinser
RHPR600

STANDARD VESSEL RINSERS

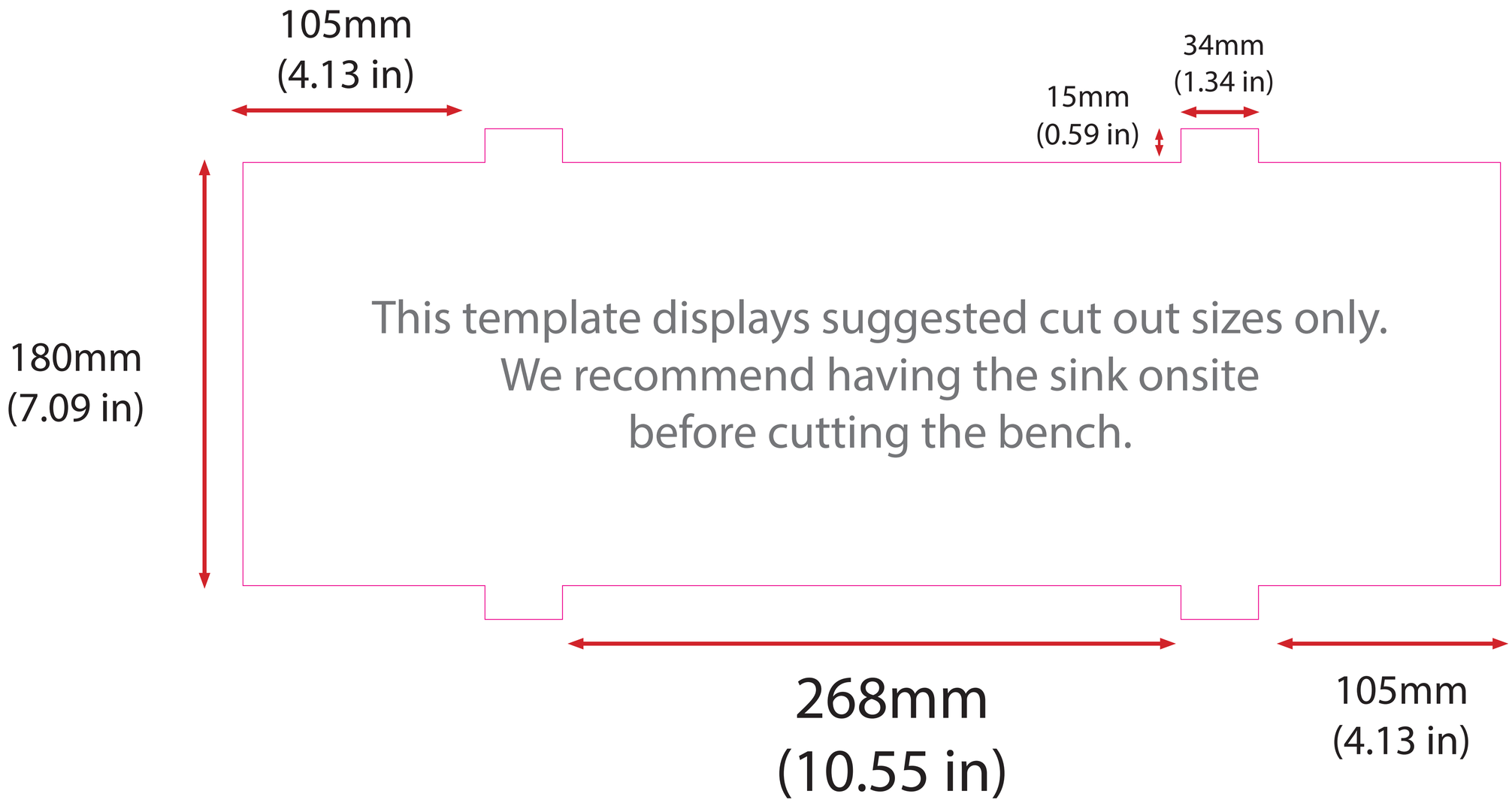
RHINOWARES USA, Inc
RHPR600-S
Vessel Rinser-Spinjet
600mm

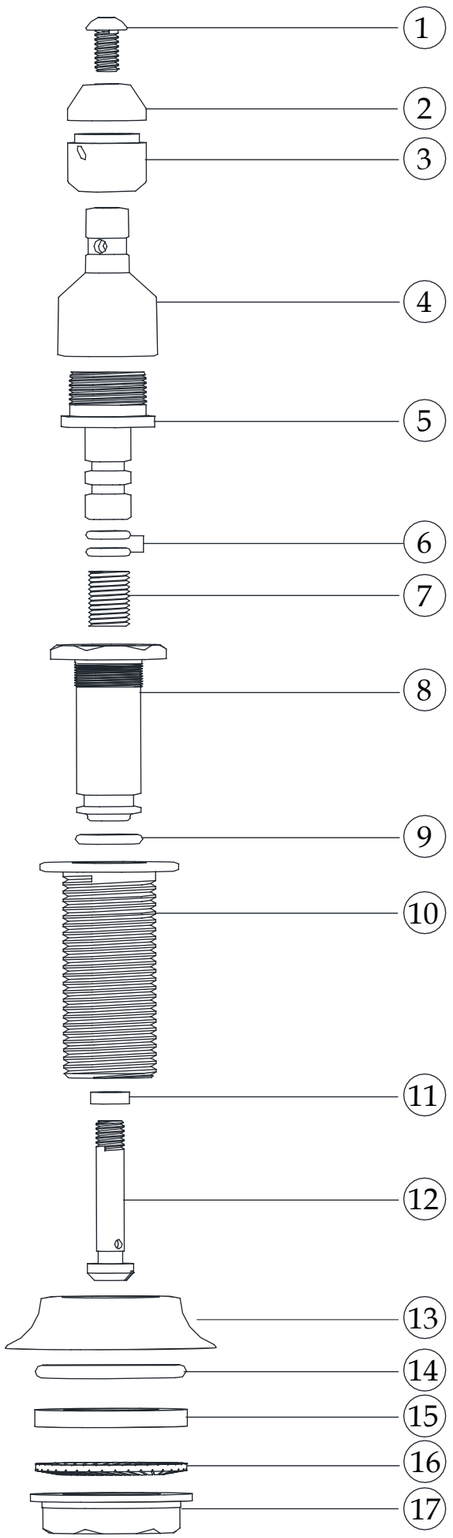
NSF COMPONENT

bombora coffee + water supplies

p: 1300 724 249
e: sales@bomborasupplies.com.au

RHINO™ RHPR600 CUT OUT TEMPLATE





Item	Part Name	Material	Specification	Quantity
1	Vented Cap Screw	SUS304	Brush	1
2	Spin Barrel Cap	SUS304	Brush	1
3	Spin Barrel	SUS304	Brush	1
4	Spin Barrel Stem	PA66		1
5	Spray Head Stem	SUS304	Polish	1
6	Spray Head Stem O-Ring	Silicon		2
7	Spray Head Stem Spring	SUS304		1
8	Inner Valve Body	SUS304	Polish	1
9	Inner Valve Body O-Ring	Silicon		1
10	Outer Valve Body	SUS304	Polish	1
11	Actuator Pin Seal	Silicon		1
12	Actuator Pin	SUS304	Brush	1
13	Valve Riser	PA66		1
14	Valve Riser O-Ring	Silicon		1
15	Outer Valve Body Bottom Seal	Silicon		1
16	Bottom Seal Washer	SUS304		1
17	Valve Assembly Nut	SUS304		1