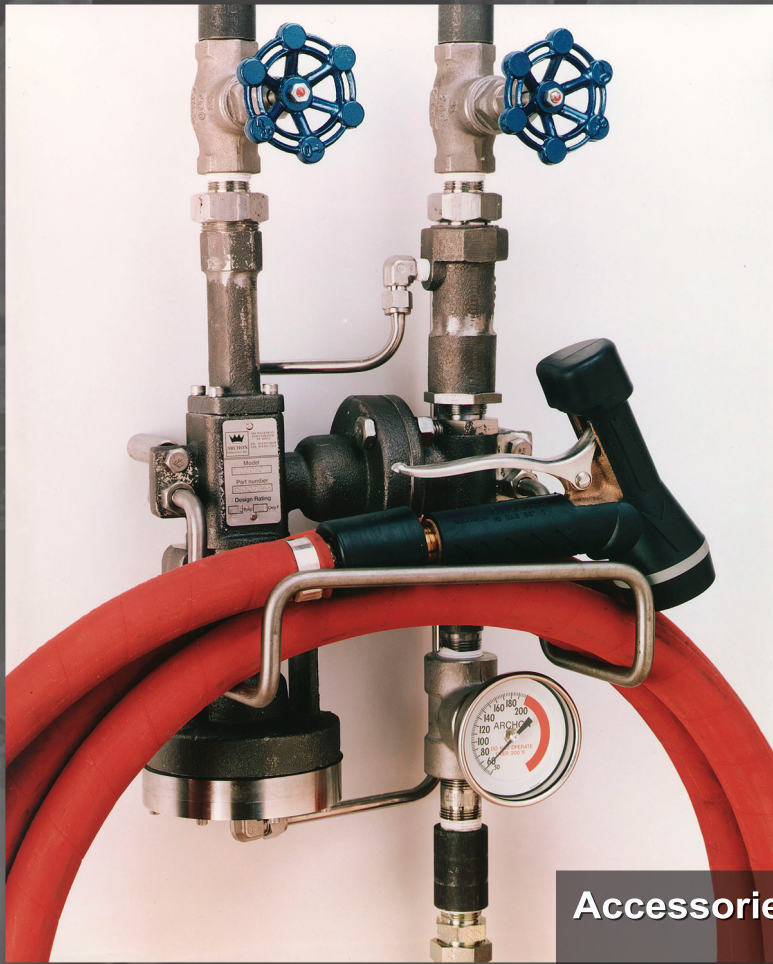




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Accessories: Spray Nozzles
Spray Nozzles for Detergent
Hose Reels
Hose Assemblies
Hose Fittings

**Washdown Equipment
for the
Processing Industry**



Headquartered in Suffern, New York USA, ARCHON Industries, Inc. is a global leader in the manufacturing and distribution of quality equipment to the Processing Industry. Started in 1993, ARCHON has earned a reputation for supplying quality products, engineered solutions and quick and professional service to all our valued customers. Offering a wide variety of mechanical equipment, ARCHON has become a leader in supplying varied products to the Pressure Vessel Industry associated with Pharmaceutical, Chemical, Petrochemical, Biotechnology, Food Processing, Beverage, Power, Dairy and Pulp and Paper.

Our Washdown equipment, manufactured and assembled in Suffern, NY is an integral part of ARCHON Industries. The ARCHON Steam and Water Mixing unit model WD 2010 is our flagship product offering uncompromised reliability and safety by being simple and easy to operate. With few moving parts and generous tolerances this unit has proven to be unsurpassed as the leader in the industry. Capable of handling 200 psig of steam no other unit in the market comes close.

In our catalog you will find all resources available to you for Washdown cleaning including but not limited to: Steam Mixing Units, Hot and Cold Water Mixing Units, Thermostatically Controlled Mixing Units, Hoses, Spray Guns, Reels and much more.

Should you have any questions or if you have a unique application our engineering staff is always available to assist in design and product selection.

Washdown Equipment for the Processing Industry

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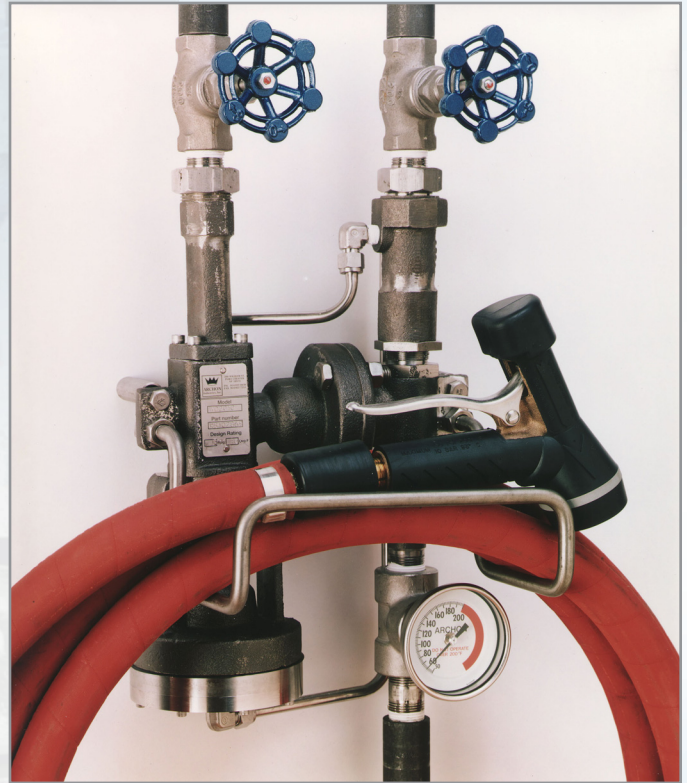
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Models WD2010, WD2010L, WD2010H

Archon Washdown Stations are simple and easy to use and engineered for maximum SAFETY.

Steam and cold water are carefully and thoroughly mixed to provide "instant" hot water on demand. Using the proportional flow water and steam control valves, the operator can adjust the washdown station to deliver the desired hot water temperature as indicated on the dial thermometer located in the mixed water discharge. By depressing the ergonomically designed fail-safe trigger of the handheld spray nozzle or the optional spray lance, the operator can direct a steady flow of hot water from a fine spray to a solid jet.

Archon Washdown Stations are widely used in dairy, pharmaceutical, food processing, chemical and industrial plants. Wherever efficient, economical and low-maintenance means of hot-water clean-up is needed, Archon Washdown Stations are used.



Archon Washdown Stations have been engineered for maximum reliability and operator safety:

SAFETY FIRST!

When handling live steam, SAFETY COMES FIRST! To reduce the potential for steam discharge, all Archon Steam/Water Washdown Stations employ a unique valve and diaphragm technology. Steam is automatically blocked from discharging from the mixing station using a specially engineered diaphragm device. The diaphragm uses the steam supply pressure to positively close the steam inlet valve to the mixing chamber. The mixing station does not rely on potentially unreliable components such as temperature sensors or electrical devices to keep the steam valve closed. The diaphragm device will permit the steam inlet valve to open only after sufficient cold water flow is established by squeezing the spray nozzle or lance. If at any time the cold water is restricted, the steam is automatically shut off. NO WATER-NO STEAM!

MINIMAL MAINTENANCE REQUIRED!

Carbonate build-up at the steam inlet valve, a problem plaguing competitive units, is minimized. A check valve is optimally positioned within the mixing station between the steam inlet valve and the cold water chamber housing the specially designed steam-water venturi mixer. The steam valve seat is isolated from the cold water supply, preventing deposit of carbonates at the steam valve thus reducing the potential for steam inlet valve seizure. No special tool kits are required for the Archon Washdown Station to operate at maximum efficiency and safety.

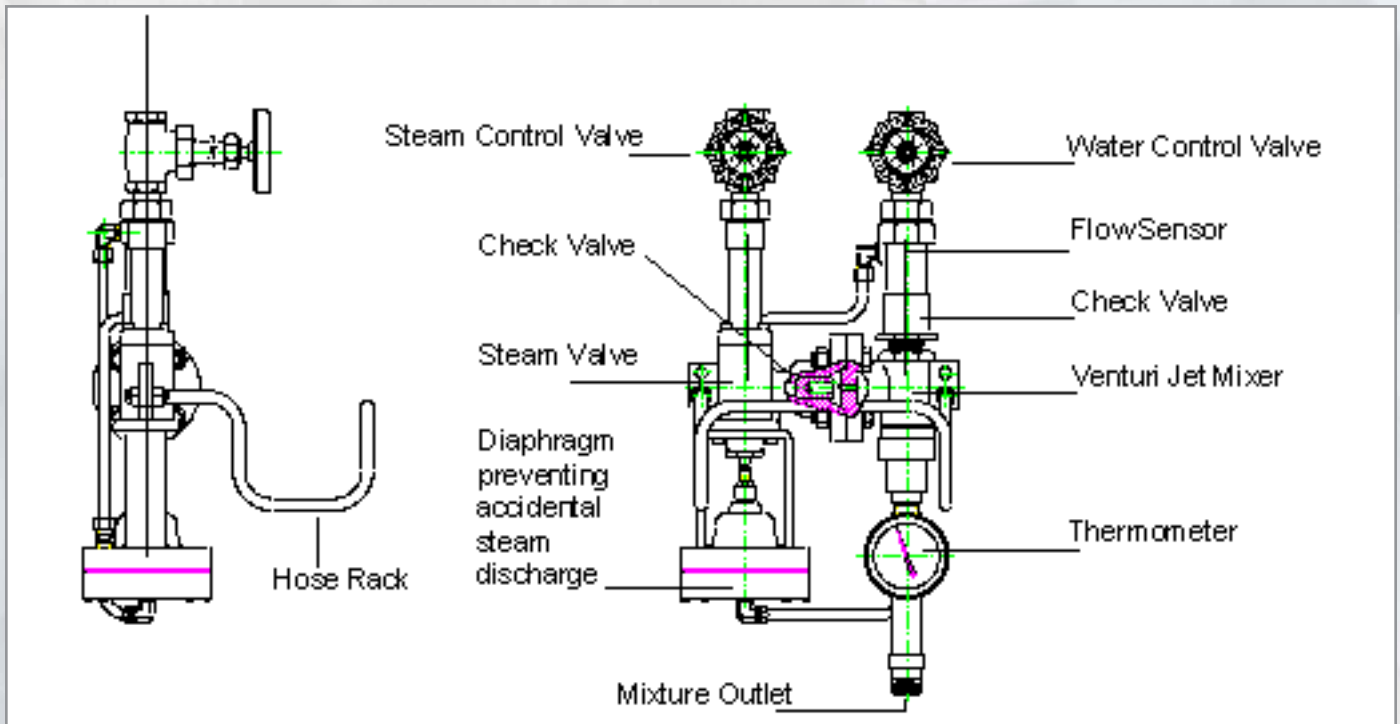
Models WD2010, WD2010L, WD2010H



FEATURES AND BENEFITS:

- No carbonate build-up at steam inlet valve
- No special tool kits needed
- Manually operated flow proportioning control valves
- Internal steam and water check valves to prevent back-flow
- Integral steam-water venturi mixer for consistent mixing
- Discharge liquid temperature indicating dial gauge
- Simple wall mounting design and "mount-compatibility" for easy installation
- Discharge hose with swivel connections on each end
- Fail-safe trigger-actuated spray gun or shut-off lance
- Stainless steel hose rack for convenient hose storage

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Models WD2010, WD2010L, WD2010H

Available in 3 models:

- Model **WD2010** standard model for steam supply pressures from 35 psig to 150 psig.
- Model **WD2010L** low pressure model for steam supply pressure as low as 10 psig
- Model **WD2010H** high pressure model for steam supply pressures from 60 psig to 200 psig.

In addition, the model WD2010 is available in a detergent version. The model WD2010D allows detergent to be induced into, and mixed thoroughly with, the hot water stream.

Available materials:

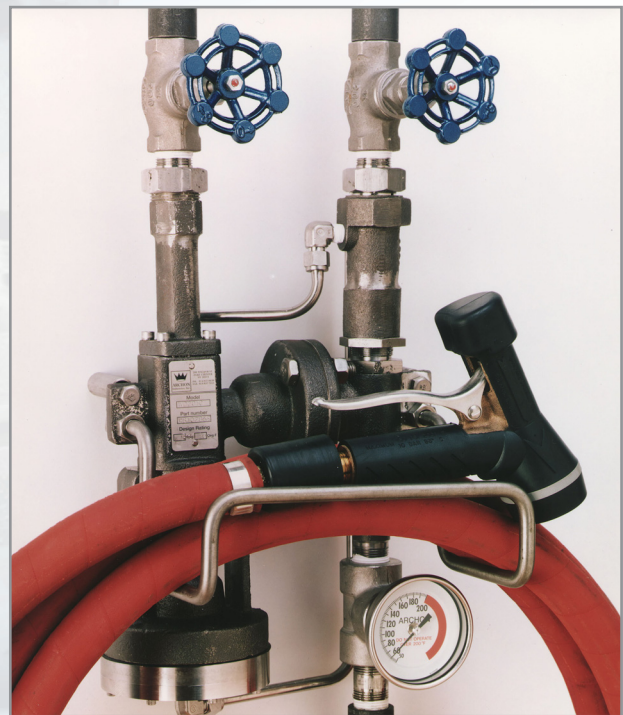
- Standard Bronze
- Optional 316 SS

Optional Accessories:

- 25 ft. long 3/4" diameter hose
- 50 ft. long 3/4" diameter hose
- Spray Nozzle
- Spray Lance
- Hose Reel
- Steam Traps
- Strainers

Mounting Configurations:

- Standard Wall Mounted
- Optional Floor Pedestal
- Optional Recessed Wall Mixing Unit Enclosure
- Optional Recessed Wall Full Unit Enclosure



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Washdown Station Performance Ratings

Model	Water Supply Pressure Range	Steam Supply Pressure Range	Maximum Recommended Discharge Temp	Discharge Flow
WD2010L	30 to 80 psig	10 to 60 psig	190°F	3 to 4.5 gpm
WD2010	30 to 80 psig	35 to 150 psig	190°F	3 to 4.5 gpm
WD2010H	30 to 80 psig	60 to 200 psig	190°F	3 to 4.5 gpm

Thermostatically Controlled Mixing Station Model: HCMX-TC



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The **Model HCMX-BR-TC** is a thermostatically controlled mixing valve assembly that delivers constant temperature water. It automatically compensates for fluctuations in either incoming hot and cold water temperature and/or pressure.

A liquid filled thermostat and a stainless steel control valve guard against unexpected hot or cold water spikes and proportion the water flow to maintain a constant outlet temperature +/- 3°F over the range of 80 to 160°F for up to 10 gallons per minute at a differential pressure of 40 psi, with a maximum hot water supply of 180°F.

Mixed water temperature is adjusted by turning a set-screw and is indicated on a dial thermometer. The housing is bronze and wetted parts are bronze, stainless steel, PTFE and buna rubber. The assembly includes an inlet shut-off valve and a check valve with 3/4" NPT union connection on both the hot and cold water legs.

The **HCMX-BR-TC** is available with the following optional components: SS wall mounting plate, SS hose rack, hand held spray nozzle, automatic shut-off spray lance, and a variety of hot water rated hoses.

Features:

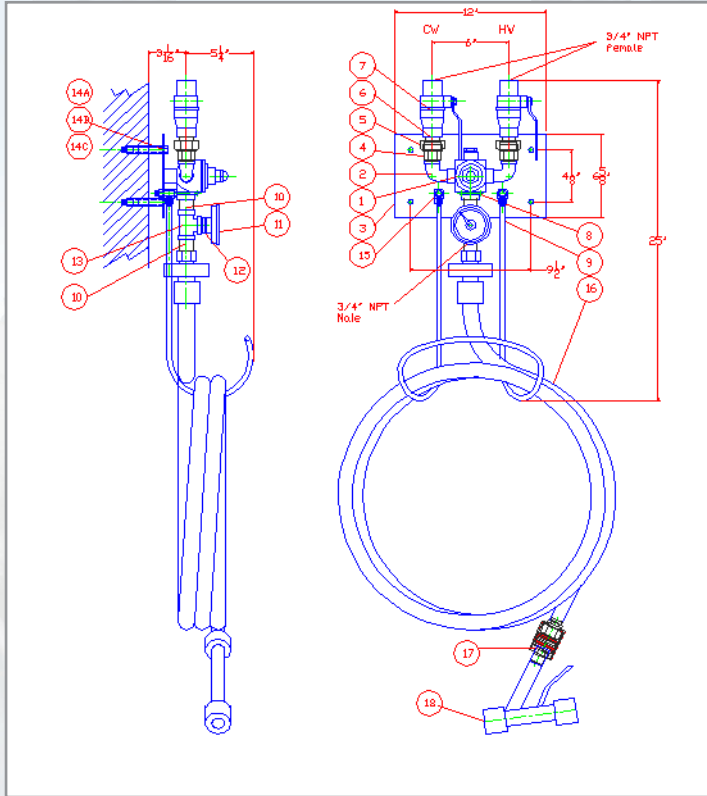
- Accurate control of temperature from 80°F/27°C to 160 °F/71°C
- Maintains temperature to + / - 3°F
- Maximum water temperature of 160°F/71°C
- Adjustable temperature limit stop for safety
- Self adjusts for temperature or pressure variations
- Maximum working pressure to 125 psi
- Color coded temperature dial
- Bronze body with replaceable corrosion-resistant components.
- The piston and liner are stainless steel
- Bronze and Stainless Steel Construction
- 3/4" High Flow Unit 10-12 gpm standard
- One Year Warranty

Thermostat:

Automatically responds to temperature and pressure variations in hot and cold water lines.

The stainless steel piston and liner precisely proportion water flow to maintain a constant outlet temperature and to guard against unexpected hot or cold water spikes.

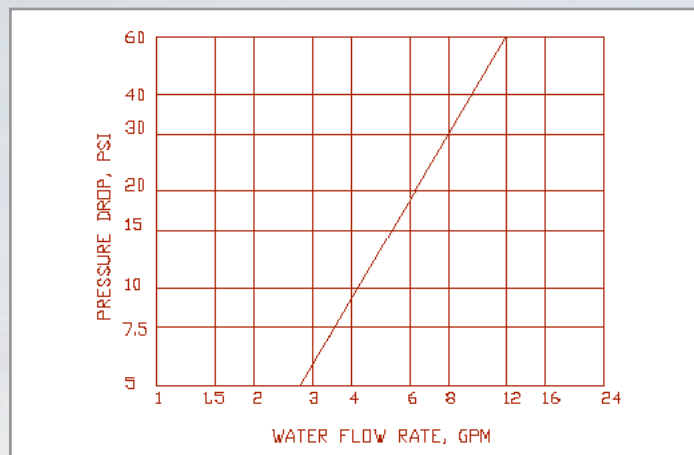
Thermostatically Controlled Mixing Station Model: HCMX-TC



ITEM	QTY	DESCRIPTION
1	1	MIXING VALVE
2	2	ELBOW
3	1	MOUNTING PLATE
4	2	ADAPTER
5	2	UNION NUT
6	2	UNION MALE
7	2	BALL VALVE/CHECK VALVE 3/4" npt
8	1	U-BOLT/NUTS
9	1	HOSE RACK
10	2	NIPPLE
11	1	TEMP INDICATOR
12	1	BUSHING
13	1	TEE
14A	4	BOLT, 3/8"
14B	4	SPACER
14C	4	WALL ANCHOR
15	2	BOLT SET
16	1	HOSE ASSEMBLY
17	1	QUICK CONNECT SWIVEL COUPLING ASSY.
18	1	SPRAY NOZZLE

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Flow Capacities Single Stage (No Hose)



ARCHON Hot / Cold Water Mixing Stations Model: HCMX



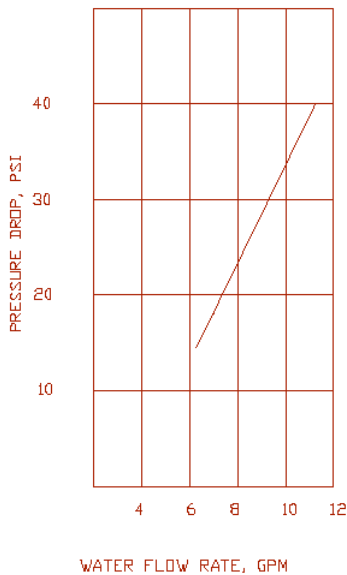
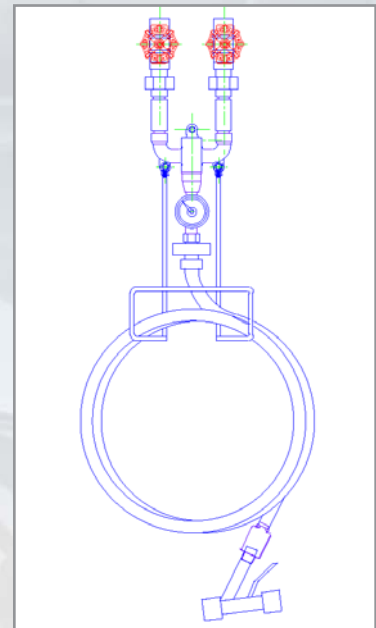
Archon Mixing Stations have been engineered for maximum reliability and operator safety. Using the proportional flow water control valves, the operator can adjust the mixing station to deliver the desired hot water temperature as indicated on the dial thermometer located in the mixed water discharge. By depressing the ergonomically designed fail-safe trigger of the hand-held spray nozzle or the optional spray lance, the operator can direct a steady flow of hot water from a fine spray to a solid jet. Archon Mixing Stations are widely used in dairy, pharmaceutical, food processing, chemical and industrial plants.

Features and Benefits:

- Easily maintained
- No special tool kits needed
- Manually operated flow proportioning control valves
- Check valves provided on both the water and steam connections to prevent back-flow
- Discharge liquid temperature indicating dial gauge
- Simple wall mounting design and "mount-compatibility" for easy installation
- Discharge hose with swivel connections
- Fail-safe trigger-actuated spray gun or shut-off lance
- Stainless steel hose rack for convenient hose storage

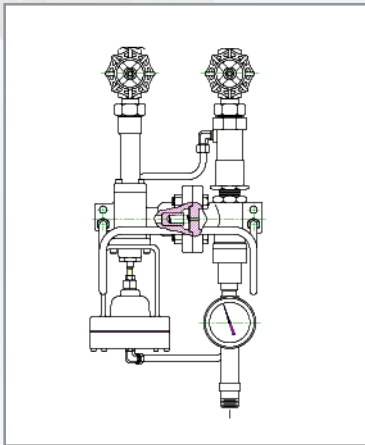
Complete Assembly including:

- Mixing unit
- Check valves
- Globe valves
- Hose rack
- Hose
- Spray gun



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Mounting Options

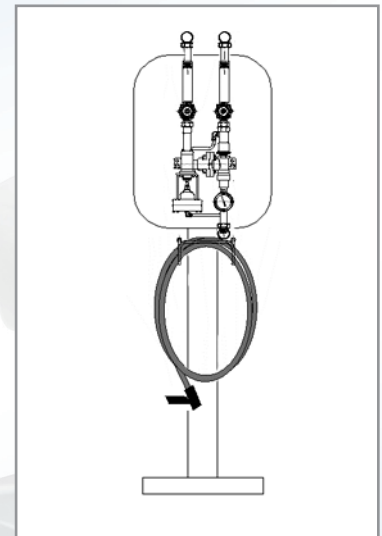


Standard Wall Mounting

Lag bolts and anchors provided by customer for securing to an existing vertical surface

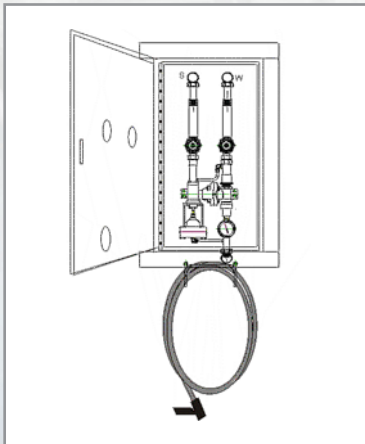
Optional Pedestal Mounting

Floor mounted unit; Stainless steel cover, box and tube; Ideal where floor piping is accessible. All water and steam piping is concealed



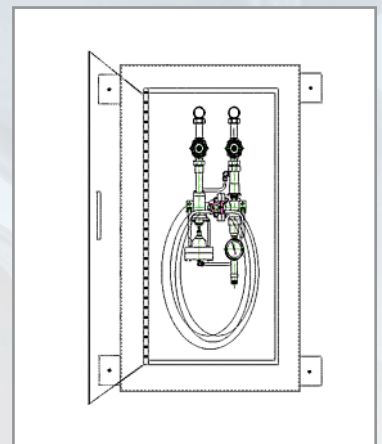
Optional Recessed Wall Mixing Unit Enclosure

Mixing unit is mounted within a stainless steel enclosure with removable cover panel. Valve bonnets, dial thermometer and the outlet project outside the enclosure. The hose and rack are mounted outside the enclosure. All water and steam piping is concealed.



Optional Recessed Wall Full Unit Enclosure

Mixing unit and discharge hose are mounted within a stainless steel enclosure with hinged door. Water and steam piping, valves, and dial thermometer are concealed.



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Mounting Plate and Hose Rack

Stainless Steel Mounting Plate with Hose Rack

Stainless steel mounting plate and hose rack are standard equipment with all ARCHON wall mounted Hot and Cold Water mixing units.

Suitable for models:

- HCMX
- HCMX-TC



Stainless Steel Hose Rack

A standard feature on all of our Hot and Cold Water mixing units and sold separately for individual hose mounting needs.

Model: **HR-07**



Mounting Plate - Stainless Steel

Our Hot and Cold Water Mixing units wall mounted come with Stainless Steel Mounting Plates.

This item can also be sold separately as required.

Model: **MP-07**



HOSE REELS - SPRING REWIND and MANUAL REWIND

Stainless Steel Hose Reel Model: RL 800

- Spring rewind reel with narrow frame and compact mounting base.
- Non sparking ratchet assembly.
- Declutching arbor to prevent damage from reverse winding.
- Standard inlet 90° ball bearing swivel joint 1" female NPT threads.
- Standard outlet 1" female NPT threads.
- Pressures to 1000 psi (69 bar).
- Temperatures from +20°F to +400°F (-7°C to +204°C).
- Consult factory for other pressures & temps.
- 4-way roller assembly.
- Constant Tension is available – consult factory.



Stainless Steel Manual Hose Reel Model: MRL 1800

- Economical manual rewind reel for long lengths of hose.
- Choose disc rewind or removable direct crank rewind.
- Supplied with spring-actuated pin lock.
- Standard inlet 90° ball bearing swivel joint 1" female NPT threads.
- Standard outlet 1" female NPT threads.
- Pressures to 1000 psi (69 bar).
- Temperatures from +20°F to +400°F (-7°C to +204°C).
- Consult factory for other pressures & temps.
- Rollers and roller mounting brackets are accessory items.
- Consult factory for power reels for 1" hose.



Carbon Steel Hose Reel Model: RL 800-CS

- Carbon Steel Spring Rewind Reel with narrow frame and compact base.
- Non sparking ratchet assembly
- Declutching arbor to prevent damage from reverse winding.
- Standard inlet 90° balanced pressure swivel joint 1" female NPT threads.
- Standard outlet 1" female NPT threads.
- Pressures to 1000 psi (69 bar).
- Temperatures from -40°F to +250°F (-40°C to +121°C).
- Consult factory for other pressures & temps.
- 4-way roller assembly
- Constant tension is available - consult factory.



Carbon Steel Manual Hose Reel Model: MRL 1800-CS

- Manual Rewind Reel for long lengths of hose.
- Choose disc rewind or removable direct crank rewind.
- Supplied with spring-actuated pin lock.
- Standard inlet 90° balanced pressure swivel joint 1" female NPT threads.
- Standard outlet 1" female NPT threads.
- Pressures to 1000 psi (69 bar).
- Temperatures from -60°F to +250°F (-51°C to +121°C).
- Consult factory for other pressures & temps.
- Optional bronze or aluminum swivel joint and stainless steel hub assembly and riser are available.



Standard ARCHON HOSES

The following hoses are ARCHON standard hoses used with ARCHON Steam Mixing units and Hot and Cold Mixing units.

Our standard lengths are 25 feet and 50 feet however if special lengths are required please contact ARCHON directly.

Please read the description of each hose and chose the hose that is appropriate for your working conditions.

Washdown Hose Assembly "S".

This high pressure $\frac{3}{4}$ " inside diameter hot water hose is appropriate for Archon Industries' mixing unit series WD2010 series steam and water mixers and HCMX hot- and cold-water mixers. It is suitable for a maximum temperature of 212 deg F and a maximum pressure of 250 psig, and is not intended for use in steam service. The hose is constructed with a black EPDM tube, with braided, high-tensile steel wire reinforcement. It is available in Red (SR) and Black (SK) EPDM covers, in standard lengths of 25 feet and 50 feet.

Connection on the Unit end is $\frac{3}{4}$ " NPT Female union in plated steel. Connection on the Nozzle end is $\frac{1}{2}$ " NPT Male in plated steel with brass swivel connection.



Washdown Hose Assembly "CW".

This high pressure $\frac{3}{4}$ " inside diameter hot water hose is appropriate for Archon Industries' mixing unit series WD2010 steam and water mixers and HCMX hot- and cold-water mixers. It is suitable for a maximum temperature of 212 deg F and a maximum pressure of 200 psig, and is not intended for use in steam service. The hose is constructed with a black EPDM tube, with synthetic, high-tensile textile cord reinforcement. It is available only in White EPDM cover, in standard lengths of 25 feet and 50 feet.

Standard connections are $\frac{3}{4}$ " NPT Female union in plated steel on the Unit end, and $\frac{1}{2}$ " NPT Male in plated steel with brass swivel connection on the Nozzle end.

Optional connections are $\frac{3}{4}$ " NPT Female union in stainless steel on the Unit end, and $\frac{1}{2}$ " NPT Male, stainless steel swivel connection on the nozzle end.-----



Heavy Duty Water Hose Assembly "A"

This high pressure $\frac{3}{4}$ " inside diameter hot water hose is appropriate for any general hot- or cold-water wash down application, with a maximum temperature of 200 deg F and a maximum pressure of 250 psig. It is not intended for use in steam service. The hose is constructed with a black EPDM tube, with synthetic high-tensile textile cord reinforcement. It is available in Red (AR) and Black (AK) EPDM covers, in standard lengths of 25 feet and 50 feet; longer lengths are possible. Connection on the Nozzle end is standardized as $\frac{1}{2}$ " NPT Male Swivel with flexible internal spring.

Connection on the supply end is available in the following options:

- $\frac{3}{4}$ " male NPT crimped plated steel or stainless steel
- $\frac{3}{4}$ " female Garden Hose Thread brass hex swivel



Brass Heavy Duty Spray Guns

With isolated trigger handle

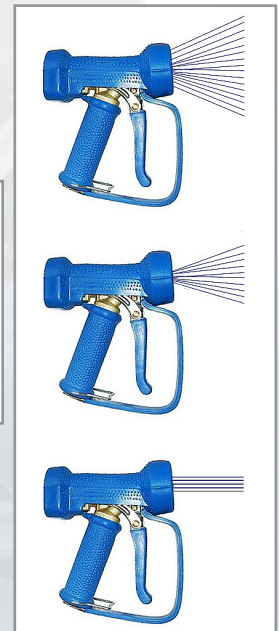
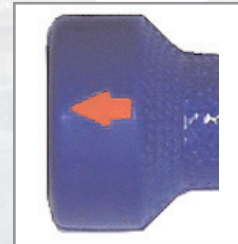
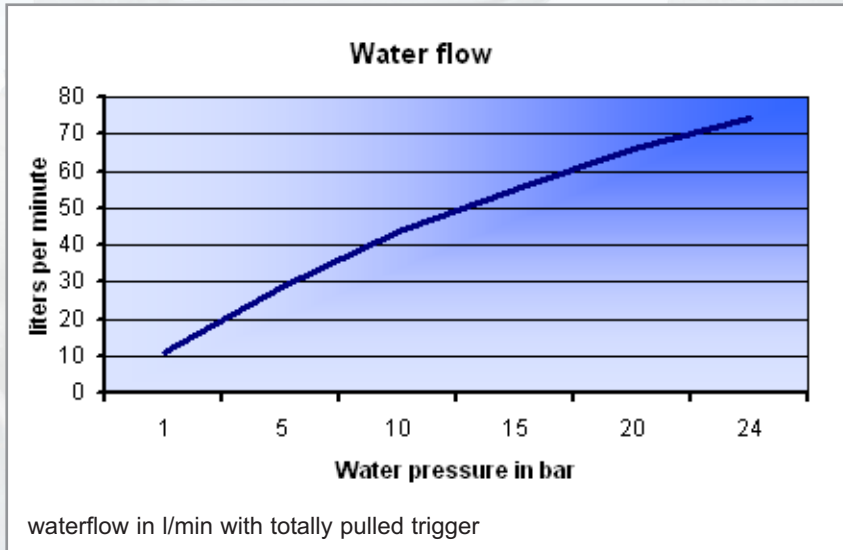


AKMNP01-B

Not for steam



AKMNP01-B-SWM09-1/2
With ball bearing brass swivel 1/2 "female"



Technical data:

- Strong brass housing
- Cover and sealings of EPDM rubber
- Trigger handle and pusher in St. St.
- 1/2" BSP female connection
- Max. Temp.95 °C (200 ° F)
- Max pressure 24 bar (350 psi)
- Weight about 870 gram
- Controleable beam pattern from broad spray to strong jet
- Clear red arrow showing the beam direction

Also available:

- Spray guns in chrome plated brass and in full Stainless Steel
- Special spay guns for hot water in RED and large flow in Black
- Special spray guns for (foam)lance mounting

** Although all materials used can withstand temperatures up to over 100° C, it is strongly recommended to take special precautions when using hot water.

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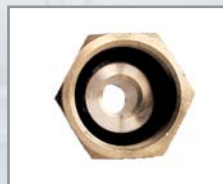
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Brass Heavy Duty Spray Gun, with Trigger Protection

(also available in Stainless Steel)


AKMNP01-B

Ball bearing swivels in brass.
 (also available in Stainless Steel)


SWM09-1/2

 1/2" male x 1/2" female
 9 mm bore

SWM09-3/4

 1/2" male x 3/4" female
 9 mm bore

SWM14-3/4

 1/2" male x 3/4" female
 14 mm bore

Stainless Steel Heavy Duty Spray Guns

With rubber handgrip and isolated trigger handle in stainless steel



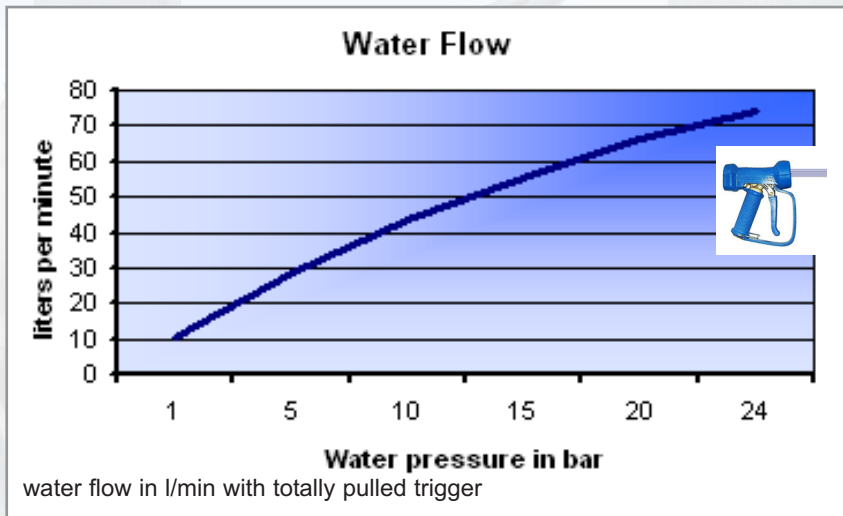
AKRN001-B
AKRN001-W



AKRNP01-B
AKRNP01-W



AKRNP01-B-SWC09-3/4
With ball bearing Stainless Steel swivel 3/4" female



Technical data:

- Rugged stainless steel housing
- Rugged Stainless Steel (316) housing
- Covers and sealings of EPDM rubber
- Trigger handle and pusher in Stainless Steel
- 1/2" BSP female inlet
- Max. temp
- 95 °C (200 ° F)
- Max pressure 24 bar (350 psi)
- Weight about 970 gram
- Water beam controllible from broad beam to strong jet
- Clear red arrow to show the water beam direction

Not for steam

Also available:

- Spray guns in brass and in chrome plated brass
- Special spay guns for hot water in RED and large flow in BLACK
- Special spray guns for (foam)lance mounting

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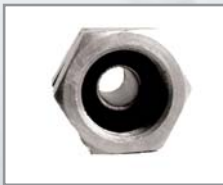
Stainless Steel Heavy Duty Spray Gun with Trigger Protection

(Also available in Brass)

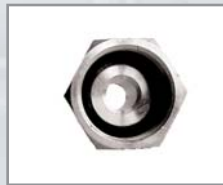


AKRNP01-B blue
AKRNP01-W white

Ball bearing swivels in Stainless steel
(also available in Brass)



SWR09-1/2
1/2" male x 1/2" female
9 mm bore



SWR09-3/4
1/2" male x 3/4" female
9 mm bore



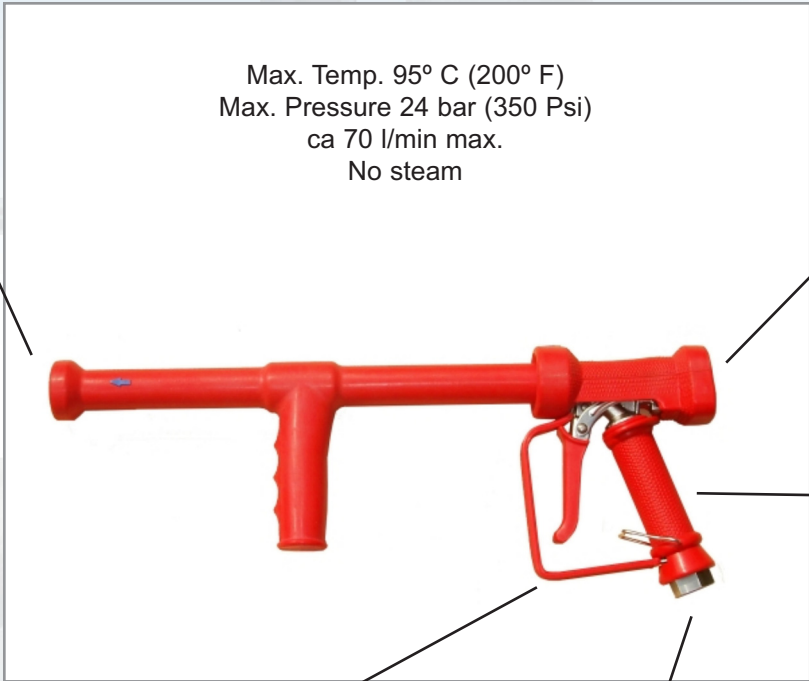
SWR14-3/4
1/2" male x 3/4" female
14 mm bore



The Hot Water Lance Water Gun

The heavy duty Hot water spray nozzle, in Stainless Steel (316) with TEFLON/Air Isolation. Lance with handgrip and controllable nozzle.

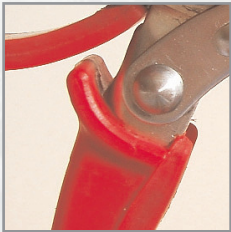
AKRHP02-R-L40



Controlable beam pattern



Longer hand grip with collar



New shape of trigger isolation



Teflon/Air Isolation



Reinforced safety trigger



Rubber skirt for adapter heat protection

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** Although all materials used can withstand temperatures up to over 100° C, it is strongly recommended to take special precautions when using hot water.

Hot Water Spray Guns, in Stainless Steel

With rubber handgrip and isolated trigger handle in stainless steel

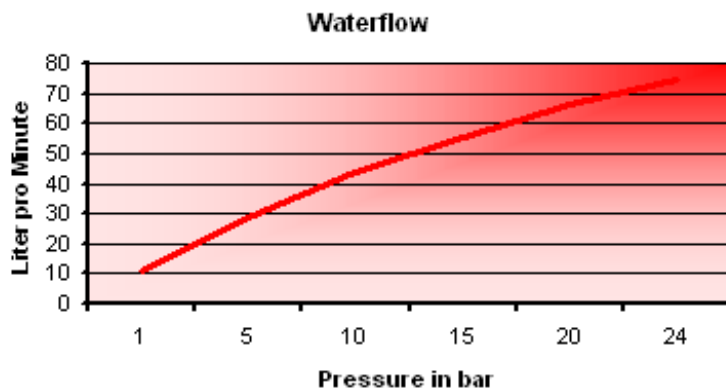


AKMNP01-B



AKRHP02-R-L40

With ca 40 cm lance and hand grip and controllable nozzle



waterflow in l/min with totally pulled trigger



Technical data:

- Rugged stainless steel housing
- Covers and sealings of EPDM rubber
- Trigger handle and pusher in Stainless Steel
- 1/2" BSP female inlet
- Max. temp. 95 °C (200 ° F)
- Max pressure 24 bar (350 psi)
- Weight about 1200 gram
- Water beam controllable from broad beam to strong jet
- Clear arrow to show the water beam direction

Not for steam

Also available:

- Spray guns in chrome plated brass and in full Stainless Steel
- Special spray guns for hot water in RED and large flow in Black
- Special spray guns for (foam)lance mounting



Teflon/air Isolation



Arrow for beam direction

Light Weight Spray Guns, "Baby" Series

In aluminium with adjustable beam



BABTN01-B
Aluminium adjustable beam

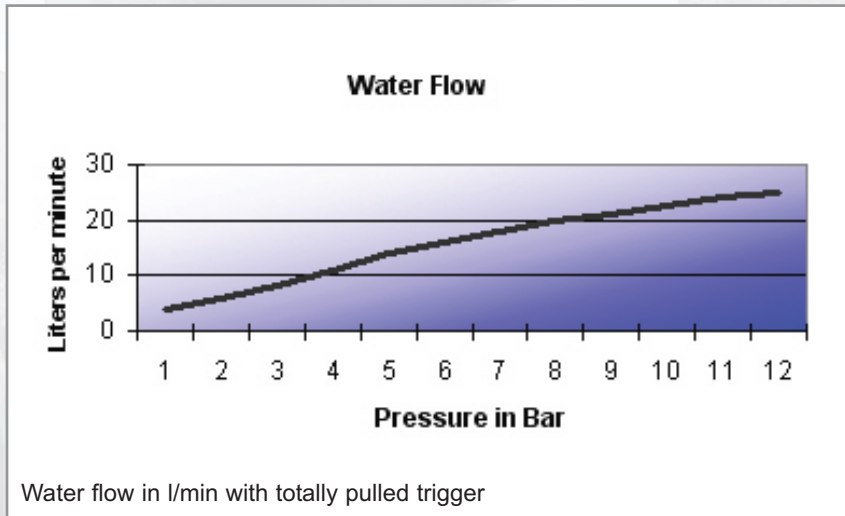
In aluminium or brass with female 1/2" outlet and sealing, for lance mounting.



BABTL01-BL



Outlet 1/2"



Technical data:

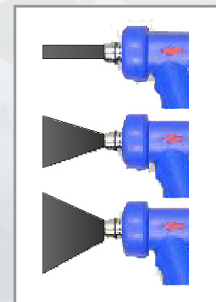
- Rugged stainless steel housing
- Housing in aluminium or brass
- Covers and sealings of EPDM rubber
- Trigger handle in Stainless Steel
- 1/2" BSP female inlet
- Max. temp. 50 °C (58 ° F)
- Max pressure 12 bar (170 psi)
- Weight about 370 gram
- Water beam controllable from broad beam to strong jet
- Clear red arrow to show the water beam direction

Not for steam

Also available:

- Spray guns in chrome plated brass and in full Stainless Steel
- Special spray guns for hot water in RED and large flow in Black
- Special spray guns for (foam) lance mounting

** Although all materials used can withstand temperatures up to over 100° C, it is strongly recommended to take special precautions when using hot water.



Adjustable beam

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Section: 2010

Bulletin: 1030

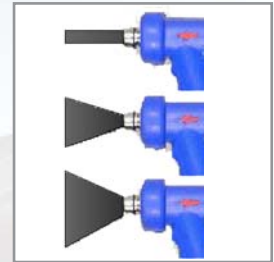
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Light Weight Spray Guns, with Tools

One Spray gun for:
 Foaming without compressed air
 Rinsing with adjustable water beam
 Connection to a gel/foam tank
 Disinfecting, Lance spraying



Special quick release adapter







Rinsing

BABTA01-B
 Spray gun with chrome plated quick release adaptor
 Inlet 1/2" female thread.
 Stainless steel trigger handle
 Strong rubber cover

Available in:

- Light weight Aluminium
- Heavy duty Brass (Optional)
- Full Stainless Steel 316

 Just mount the **BABTA01-B** to:

A PVC foam lance with quick release	Gel or foam tank with quick release.	Stainless steel spray lance with quick release.(30, 60, 90 cm) for disinfecting.
1 . Normal Foam Lance  LAPFC01	 TANK01	 Nozzle protected
1 . Enlarged Foam Lance (30, 60, 90 cm)  LAPFC30 (60 -90)		LARC030 (30 cm) LARC060 (60 cm) LARC090 (90 cm)

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Sterilizable Spray Guns, in Stainless Steel (316)

With LATEX cover and VITON sealings

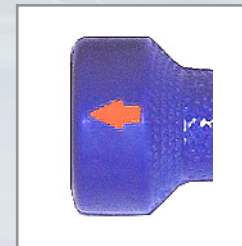
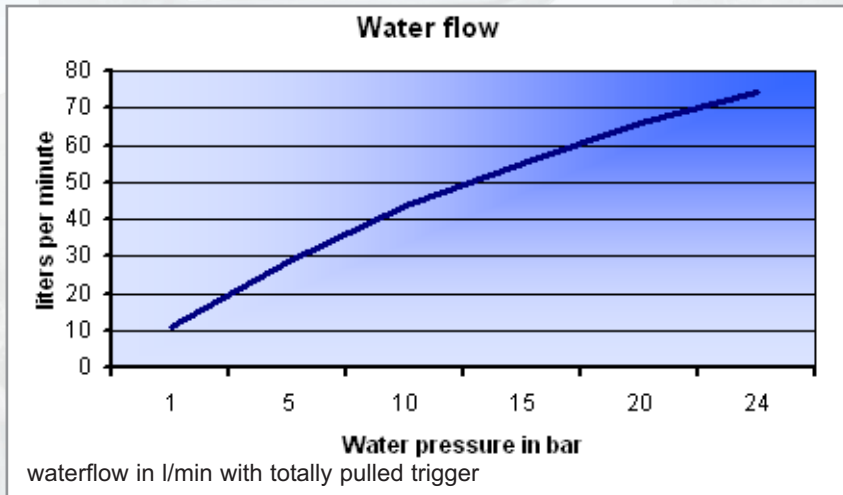


For:

- Pharmaceutical industry
- Food industry

Can be sterilised up to 160°C

AKRN002-LB-LAT In light blue



Red arrow for beam

Technical data:

- Rugged Stainless Steel housing
- Covers and sealing of Latex and VITON Rubber
- Trigger handle and pusher in Stainless Steel
- 1/2" BSP female inlet
- Max. temp 200°C
- Max pressure 24 bar (350 phi)
- Weight about 970 gram
- Water beam controllable from broad beam to strong jet
- Clear red arrow to show the water beam direction

Not for Steam

Also available:

- Spray guns in brass and in chrome plated brass
- Special spray guns for hot water in RED and large flow in BLACK
- Special spray guns for (foam)lance mounting.

** Although all materials used can withstand temperatures up to over 100° C, it is strongly recommended to take special precautions when using hot water.

Heavy Duty Spray Heads in Rubber Protected Brass

For cleaning with cold or warm water, with adjustable pattern.

The water pattern is adjustable by turning the rubber head. To save water the nozzles can be totally closed as well by turning the head.

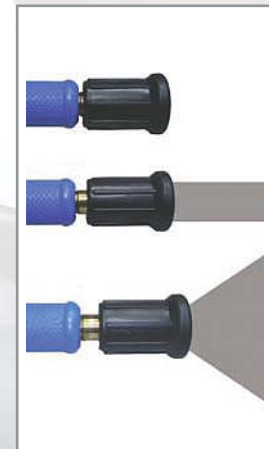
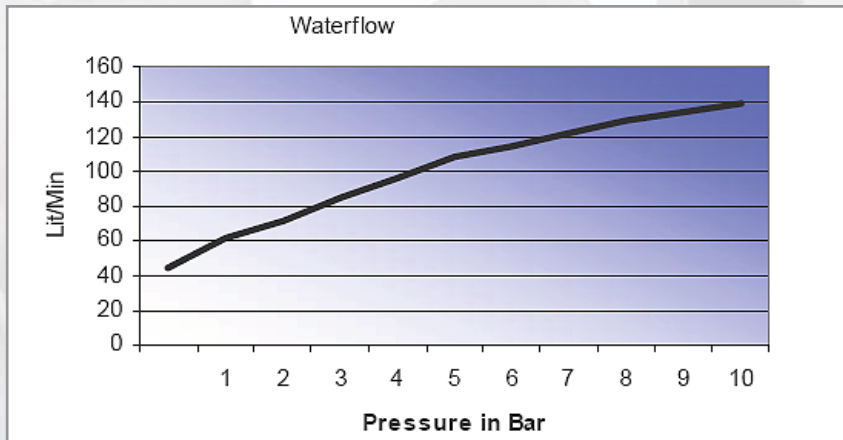


AKMSH01-B Blue
AKMSH01-R Red
AKMSH01-W White

Typical applications

- Process Industry
- Abattoirs
- Meat and fish industry
- Food processing
- Breweries
- Beverage industry
- Industrial kitchens
- Dairy industry

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Adjustable pattern
Turnable head

Technical data::

- Max Pressure 16 Bar
- Max Temp 80°C
- Inlet ½" female
- Adjustable beam pattern.
- Can be closed by means of the spray head
- Covers and sealings of EPDM rubber
- Heavy duty brass housing

Not for Steam

Also available:

- Spray guns in brass, chrome plated brass and in stainless steel
- Special spray guns for hot water in RED and large flow in BLACK
- Special spray guns for (foam) lance mounting.

** Although all materials used can withstand temperatures up to over 100° C, it is strongly recommended to take special precautions when using hot water.

One spray gun for:

Food industry, Large Kitchens, Butchery, Fish shops, Car cleaning

Foaming result without compressed air



Baby with Foam Lance



Baby with Enlarged Foam Lance



Connecting to a gel/foam tank



Baby with Gel/Foam tank



Spraying with a lance



Baby with spray Lance



Lances in different lengths:

- 30 cm
- 60 cm
- 90 cm

Hose Protection Spring

On stainless steel hose tale and on stainless steel swivels



Hose with normal hose tail



Hose with tail and spring



Hose tail 16 mm with flexible spring



Swivel 13 mm with flexible springs

RVST13-C20-SP St. St. tail 13 mm with spring
RVST16-C21-SP St. St. tail 16 mm with spring
RVST19-C24-SP St. St. tail 19 mm with spring

SWIFB10 Swivel 10 mm without spring
SWIFB13-C20 Swivel 13 mm without spring
SWIFB13-C20-SP Swivel 13 mm with spring
SWIFB16-C21 Swivel 16 mm without spring
SWIFB16-C21-SP Swivel 16 mm with spring
SWIFB19-C24 Swivel 19 mm without spring
SWIFB19-C24-SP Swivel 19 mm with spring



Tail with swiveling hexnut flat or conical sealing

RVSW013-F-SP 1/2" female, flat sealing, 13 mm tail and spring
RVSW013-C-SP 1/2" female, conical sealing, 13 mm tail and spring
RVSW016-C-SP 1/2" female, conical sealing, 16 mm tail and spring

All tails and swivels in Stainless Steel

Tails and springs in 13mm, 16mm or 19mm. Length of the spring about 20 cm

All other dimensions or shapes are available on demand

Stainless Steel Quick Release Couplers and Adapters

The Stainless steel quick release couplers and adapters simplify the connection of water guns and hoses, lances and other accessories. The VITON rubber protections, available in different colours, will avoid damage of the couplers and the floors when dropping on the floor.



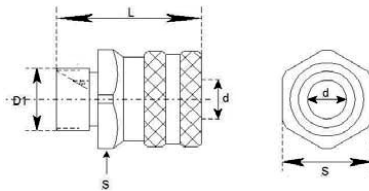
Technical Specifications for the couplings and adapters.

Material:	Stainless steel Ball bearings St. St. 316
Sealing:	VITON
Max. Pressure:	200 bar
Max. Temp:	100°C

Quick Release Couplings



COUPL3/8-M
COUPL1/2-M

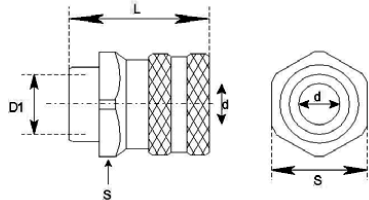


COUPL1/2-M: Quick release coupler St. St. 1/2" male
COUPL3/8-M: Quick release coupler St. St. 3/8" male

Product Code	L	d	D1	S
COUPL1/2-M	49.5	11.8	1/2"	30.5
COUPL3/8-M	49.5	10.0	3/8"	31.5



COUPL3/8-F
COUPL1/2-F
COUPL3/4-F



COUPL3/8-F: Q. release coupler St. St. 3/8" female
COUPL1/2-F: Q. release coupler St. St. 1/2" female
COUPL3/4-F: Q. release coupler St. St. 3/4" female

Product Code	L	d	D1	S
COUPL3/8-F	48.0	11.8	3/8"	31.5
COUPL1/2-F	18.0	11.8	1/2"	31.5
COUPL3/4-F	44.0	11.8	3/4"	31.5

Rubber Coupling Protector



COPROT1-B Blue
COPROT1-BL Black
COPROT1-Y Yellow



COPROT1-B with the COUPL1/2-M



COPROT1-B: Rubber coupling protection, fits both on the male and female couplings

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Chrome Plated Adapters

Material: Chrome Plated Brass
Sealings: Nitrile
Pressure: 10 bar
Temperature: -30°C to 100°C



THE 100 SERIES

Bore 11 mm



AKBO211 1/2" female thread with flat sealing; 11mm bore.

AKBO213 3/4" female thread with flat sealing; 11mm bore.

AKBO219 M22 female thread with flat sealing; 11mm bore.



AKBO221 1/2" male thread; 11mm bore.

A221-6L 1/2" male thread with flat sealing; bore 11mm.

AKBO223 3/4" male thread; 11mm bore.



A221-6L-GAR 1/2" male thread with flat sealing; bore 11mm; fits in "GARDENA" coupler.



AKBO231 13mm hose tail; 11mm bore.

AKBO232 15mm hose tail; 11mm bore.

AKBO233 19mm hose tail; 11mm bore.

THE 2000 SERIES

Bore 15 mm



AKB2211 1/2" female thread with flat sealing; 15mm bore.

AKB2213 3/4" female thread with flat sealing; 15mm bore.



AKB2221 1/2" male thread; 15mm bore.

AKB2223 3/4" male thread; 15mm bore.



AKB2231 13mm hose tail; 15mm bore.

AKB2233 19mm hose tail; 15mm bore.

THE 3000 SERIES

Bore 20 mm



AKB3211 1" female thread; 20mm bore.



AKB3221 1" male thread; 20mm bore.



AKB3231 with 25mm hose tail; 20mm bore.

AKB3233 with 19mm hose tail; 20mm bore.

WASHDOWN PRODUCTS

Terms & Conditions Agreement

GENERAL: The following terms and conditions shall constitute the entire Agreement by the Seller for the purchase and sale of Archon Industries, Inc. products. Any terms and conditions contained in the Purchaser's purchase order that are different from, in addition to, or vary from Archon Industries, Inc. terms & conditions shall not be binding, and are hereby excluded.

AGREEMENT: Orders are subject to acceptance in writing by Archon Industries, Inc hereinafter referred to as the "Seller" at its Suffern, New York office.

WARRANTY: The Seller warrants its products against defects in materials and workmanship for one year from date of shipment. The Seller's warranty will be limited to (at Seller's option) refund of the Seller's selling price, or repair or replacement of the product of part proven to be materially defective when used for the purpose for which it was intended. The Seller shall be liable for no other warranties, oral, written, express or implied. The Seller's warranty obligations and remedies hereunder are solely and exclusively as stated herein. In no event shall the Seller be liable either to customers for incidental or consequential damages or for personal injury or property damages resulting from the use of the products sold. The undertaking of repairs or replacement by Purchaser or its agents without the Seller's written consent shall relieve the Seller of all responsibility herewith.

FORCE MAJEURE: The Seller shall endeavor to ship products specified in any acceptance order, but the Seller shall not be considered in default of its obligations hereunder if such performance is presented or delayed because of unavailability of materials, equipment, labor or technical personnel, war, labor strikes, riots, hostilities, fires, accidents, shutdowns of its manufacturing plants or plants supplying it, embargos or inability to secure transportation' or because any law, order, proclamation, regulation or ordinance, of any government or because of acts of God or for any other cause beyond the reasonable control of the Seller.

DELIVERY: Unless otherwise specified in writing, delivery will be FOB, Suffern.

PRICES & DESIGNS: Prices and designs are subject to change without notice.

LIMITATION OF LIABILITY: No claims made by the Purchaser whether as to goods delivered or for non-delivery of goods shall be greater than the purchase price of the goods. Under no circumstances shall the Seller be liable for consequential damages.

TAXES: All application federal, state or local sales, use or excise taxes are the responsibility of the Purchaser, and are in addition to prices printed or stated. The Seller shall have the right to invoice separately any such tax as may be

imposed at a later date. Applicable tax exemption certificates must accompany any order to which same applies.

RETURN OF GOODS: The Seller will not accept return or any product unless a returned goods authorization number has first been obtained from the Seller in which case, credit will be issued after inspection and fulfillment of the following criteria:

1 - All goods must be returned prepaid freight and in original condition, if not, credit will not be issued and goods will be returned to Purchaser at Purchaser's expense.

2 - A stocking and handling charge of 20% will be imposed on all returned goods.

3 - Transportation charges on all returned goods are to be paid by Purchaser in all cases.

CANCELLATION: A purchase order or any part thereof which is accepted by the Seller may not be cancelled unless, and until the Seller has deemed what action is necessary and advisable to minimize costs resulting from cancellation. Orders for non-customized goods that have already been shipped are subject to a 20% handling and restocking charge.

TERMS OF PAYMENT: U.S. terms of payment are net 30 upon credit approval. The Seller reserves the right to defer shipment until receipt of cash, if, in the Seller's judgment, the Purchaser's financial condition becomes unsatisfactory. A service charge of 1.5% per month will be charged on all accounts that exceed 60 days from the date of invoice. The Seller reserves the right to alter the payment terms.

PARTIAL INVALIDITY: If any provision of the Agreement is or becomes unenforceable or invalid at any time under law, rule or regulation, no other provisions of this Agreement shall be affected thereby and remaining provisions of this Agreement shall continue in force as if such enforceable or invalid provision did exist.

GOVERNING LAW: This Agreement shall be governed in all respects by the laws of New York.

