



# ARTHUR PRODUCTS CO.

## NOZZLES, THAT'S US!

1-800-322-0510 • [WWW.ARTHURPRODUCTS.COM](http://WWW.ARTHURPRODUCTS.COM)



**2025nozR1**



# APC NOZZLE *Series*

## Ordering Information

To best serve you, our customer, when placing an order please have the following information:

- 1) Thread Size (NPT): \_\_\_\_\_
- 2) System Pressure (PSI): \_\_\_\_\_
- 3) System Flow Rate (GPM): \_\_\_\_\_
- 4) Primary Size of Line to be Cleaned: \_\_\_\_\_
- 5) Total Hose Length on Machine: \_\_\_\_\_

Arthur Products also has the resources available to powder coat nozzles to the recommended WJTA water Jetting Standards

WJTA Recommended Color Coding			
PSI	Bar		Color
10,000	690	-	Yellow
15,000	1,034	-	Green
20,000	1,379	-	Blue
30,000	2,068	-	Silver
40,000	2,758	-	Orange
55,000	3,792	-	Red



# Basic Style

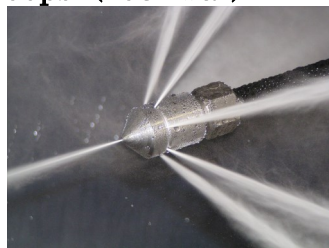
General Use (BS)

## Application/Features:

- A short, slim line design when mated to a hose, flex lance or rigid lance yields a high degree of cleaning flexibility and designed to general use.
- Jet Pattern : Customer Configured
- Wrench Flats for ease of Installation
- Nozzle geometry easily recognized in the field



**Maximum Working Pressure = Up To 15,000psi (1034 bar)**



APC

Female Pipe  
Thread (NPT)

Part Number

AP0062BS-XX

1/16 x 27

AP0125BS-XX

1/8 x 27

AP0250BS-XX

1/4 x 18

AP0375BS-XX

3/8 x 18

AP0500BS-XX

1/2 x 14

AP0750BS-XX

3/4 x 14

**Color Code Your Nozzles to WTJA Standards**

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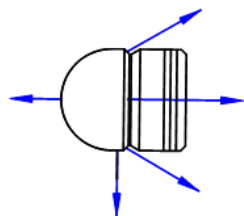


# Round Nose

## Tight Bend Navigation (RN)

### Application/Features:

- Short profile and round nose allows this nozzle to navigate around extremely tight corners and P traps.
- Jet Pattern :
  - 1 Forward Jet
  - 1 Side Jet
  - 3 Thruster Jets
- Can be Customized to fit your needs.
- Wrench Flats for ease of Installation
- Nozzle geometry easily recognized in the field



APC Part  
Number

Female Pipe  
Thread (NPT)

AP0062RN-XX

1/16 x 27

AP0125RN-XX

1/8 x 27

AP0250RN-XX

1/4 x 18

AP0375RN-XX

3/8 x 18

AP0500RN-XX

1/2 x 14

AP0750RN-XX

3/4 x 14

AP1000RN-XX

1.0 x 11.5

**MAWP: 10K PSI (689 BAR)**

**Available in 1/16", 1/8", 1/4", 3/8", 1/2", 3/4" & 1.00" NPT**

**MAWP: 15K PSI (1034 BAR)**

**Available in 1/16", 1/8", 1/4", 3/8", 1/2" NPT**

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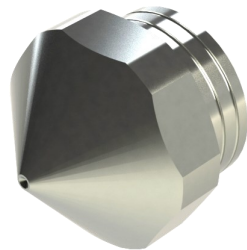


# Penetrating Hex

*Penetrates Blockages (PH)*

## Application/Features:

Designed with a Sharp Nose to Penetrate through those tough Blockages while propelling itself down the line.



**Standard Jet Pattern** : 1 Forward Jet @ 0° and 3 Rearward Jets @ 30°.

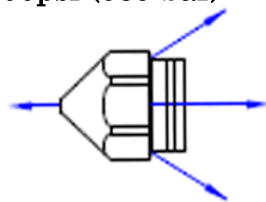
**Thruster Jet Pattern**: 1 Forward Jet @ 0° and 3-6 Rearward Jets @ 20° based on pressure and flow.

Can be Customized to fit your needs.

Hex Design for ease of Installation

Nozzle geometry easily recognized in the field

**Maximum Working Pressure = Up To 10,000psi (689 bar)**



APC Part Number	Female Pipe Thread (NPT)
-----------------	--------------------------

AP0125PH-XX	1/8 x 27
AP0250PH-XX	1/4 x 18
AP0375PH-XX	3/8 x 18
AP0500PH-XX	1/2 x 14
AP0750PH-XX	3/4 x 14
AP1000PH-XX	1.0 x 11.5

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# Round Nose Hex

*Flusher (RNH)*

## Application/Features:

Designed to Flush out Debris while propelling itself down the line.

Standard Jet Pattern : 6 Rearward Jets @ 45°.

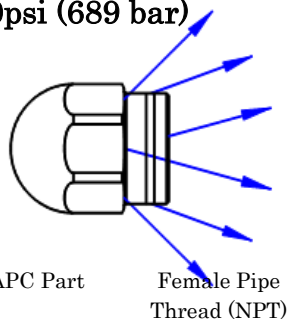
Thruster Jet Pattern: 3 Rearward Jets @ 45° and 3 Rearward Jets @ 20°

Can be Customized to fit your needs.

Hex Design for ease of Installation

Nozzle geometry easily recognized in the field

**Maximum Working Pressure = Up To 10,000psi (689 bar)**



AP0125RNH-XX	1/8 x 27
AP0250RNH-XX	1/4 x 18
AP0375RNH-XX	3/8 x 18
AP0500RNH-XX	1/2 x 14
AP0750RNH-XX	3/4 x 14
AP1000RNH-XX	1.0 x 11.5

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# Deicer/Degreaser

## Evaporator (EV)

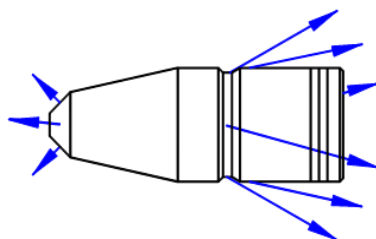
### Application/Features:

- Designed for Deicing and Grease Removal
- Jet Pattern :
  - 3 Angled Forward Jets
  - 6 Rear Thruster Jets
  - Can be Customized to fit your needs.
- Wrench Flats for ease of Installation
- Nozzle geometry easily recognized in the field



### Maximum Working Pressure

Up To 15,000psi (1034 bar)



APC Part Number	Female Pipe Thread (NPT)
AP0125EV-XX	1/8 x 27
AP0250EV-XX	1/4 x 18
AP0375EV-XX	3/8 x 18
AP0500EV-XX	1/2 x 14
AP0750EV-XX	3/4 x 14

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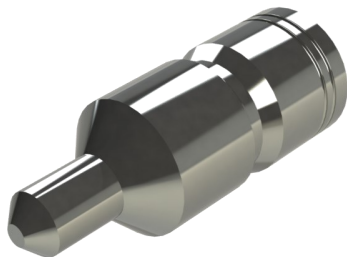


# Impactor

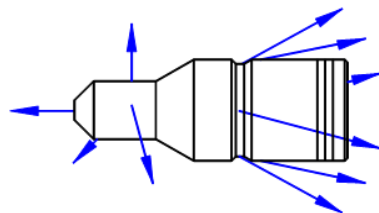
## Heavy Blockages (LT)

### Application/Features:

- Designed to slice and dice heavy Blockages
- Jet Pattern :
  - 1 Penetrating Jet
  - 3 Side Slicing Jets
  - 6 Rear Thrusting/Flushing Jets
  - Can be ***Customized*** to fit your needs.
- Wrench Flats for ease of Installation
- Nozzle geometry easily recognized in the field



**Maximum Working Pressure = Up To 15,000psi (1034 bar)**



APC Part Number	Female Pipe Thread (NPT)
AP0125LT-XX	1/8 x 27
AP0250LT-XX	1/4 x 18
AP0375LT-XX	3/8 x 18
AP0500LT-XX	1/2 x 14
AP0750LT-XX	3/4 x 14
AP1000LT-XX	Coming Soon

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# Px Revolver (G2)

*Polisher (G2)*

## Application/Features:

- Designed to Polish Pipe Walls
- Jet Pattern :
  - 2 Side Rotating Jets
  - 2 Back Rotating Jets
- Hex Design for ease of Installation
- Nozzle geometry easily recognized in the field



**Maximum Working Pressure = Up To 15,000psi (1034 bar)**



APC Part Number	Female Pipe Thread (NPT)
AP0062SJ-XX	1/16 x 27
AP0125SJ-XX	1/8 x 27
AP0250SJ-XX	1/4 x 18
AP0375SJ-XX	3/8 x 18
AP0500SJ-XX	1/2 x 14

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# Px Revolver (G3)

*Polisher (G3)*

## Application/Features:

- Designed to Polish Pipe Walls
- Jet Pattern :
  - 2 Side Rotating Jets
  - 2 Back Rotating Jets
  - 3 Fixed Rear Thrusting Jets
- Hex Design for ease of Installation
- Nozzle geometry easily recognized in the field



**Maximum Working Pressure = Up To 10,000psi (690 bar)**



APC Part Number	Female Pipe Thread (NPT)
AP0250SJ-XX	1/4 x 18
AP0375SJ-XX	3/8 x 18
AP0500SJ-XX	1/2 x 14
AP0750SJ-XX	3/4 x 14
AP1000SJ-XX	1.0 x 11.5

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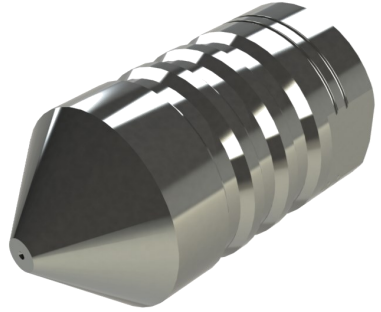


# Basic Style

## Triple Groove (TG)

### Application/Features:

- Designed for Cleaning at various Jet angles.
- Jet Pattern :
  - 1 Forward Jet
  - 3 Angled Forward Jets
  - 2-3 Thrusting/Flushing Jets per Groove
  - Can be Customized to fit your needs.
- Wrench Flats for ease of Installation
- Nozzle geometry easily recognized in the field



**Maximum Working Pressure = Up To 15,000psi (1034 bar)**

APC Part Number	Female Pipe Thread (NPT)
AP0062TG-XX	1/16 - 27
AP0125AT-XX	1/8 - 27
AP0250TG-XX	1/4 - 18
AP0375TG-XX	3/8 - 18
AP0500TG-XX	1/2 - 14

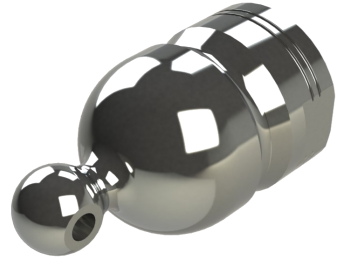


# Tow Hook

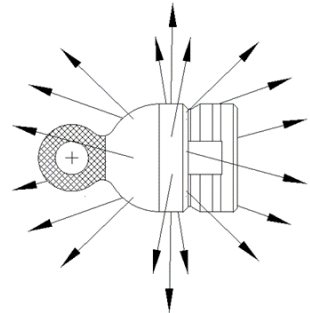
*Pull / Tow (TH)*

## Application/Features:

- Designed to be Pulled by Cable or to Pull a Cable
- Jet Pattern :
  - \*\*Up to 6 forward Jets
  - \*\*Up to 6 Side Jets
  - \*\*Up to 6 Back Jets
- \*\* The number of jets and position of jets are based off of pressure (PSI), flow (GPM), length of hose (Feet), and specific objective.
- Wrench Flats for ease of Installation
- Nozzle geometry easily recognized in the field



**Maximum Working Pressure = Up To 10,000psi (690 bar)**



APC Part Number	Female Pipe Thread (NPT)
AP0250TH-10	1/4-18
AP0375TH-10	3/8-18
AP0500TH-10	1/2-14
AP1000TH-10	1.0-11.5

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# Eg-A-Nator

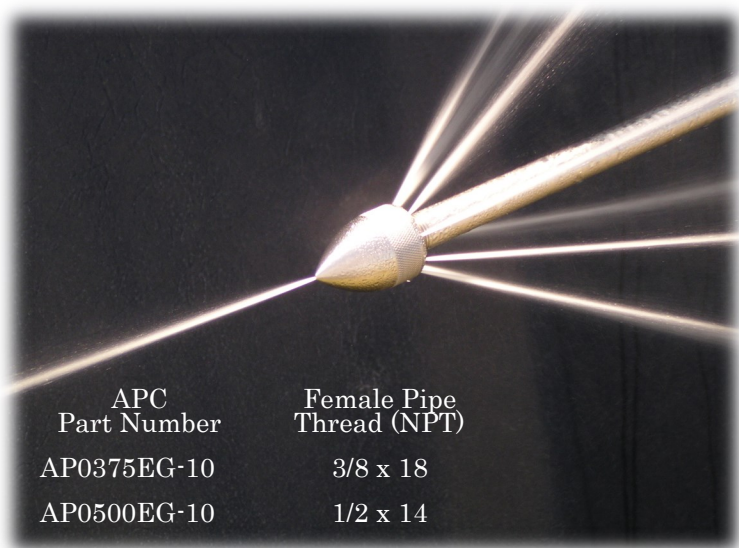
**Heavy Penetrator (EG) [Tier 1]**

## Application/Features:

- Designed for Cleaning at various Jet angles.
- Jet Pattern :
  - 1 Forward Jet
  - 6 Thrusting/Flushing Jets
  - Can be **Customized** to fit your needs.
- Knurled surface for ease of Installation
- Nozzle geometry easily recognized in the field



**Maximum Working Pressure = Up To 10,000psi (690 bar)**



APC Part Number	Female Pipe Thread (NPT)
AP0375EG-10	3/8 x 18
AP0500EG-10	1/2 x 14

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# Contracting Penetrator

## Heavy Penetrator (CP)

### Application/Features:

- Designed for Penetrating heavy Blockages.
- Jet Pattern :
  - 1 Forward Jet
  - 6-8 Thrusting Jets
  - Can be Customized to fit your needs.
- Nozzle geometry easily recognized in the field



**Maximum Working Pressure = Up To 10,000psi (690 bar)**



APC  
Part Number

Female Pipe  
Thread  
(NPT)

JM096-10

1.0 x 11.5

JM088-10

3/4 X 14

**Color Code Your Nozzles to WTJA Standards**

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# Contractor Style

General Use (SCS)(SC)

## Application/Features:

- Designed for General Use in large flow applications.
- Jet Pattern :
  - Can be **Customized** to fit your needs.
- Nozzle geometry easily recognized in the field

**Maximum Working Pressure = Up To 10,000psi (690 bar)**



APC Part Number	Female Pipe Thread (NPT)	APC Part Number	Female Pipe Thread (NPT)
JM073-10	1/2 x 14	JM057-10	1.0 x 11.5
JM087-10	1/2 x 14	JM053-10	1.0 x 11.5
JM108-15	1/2 x 14	JM086-10	1.0 x 11.5
JM082-10	3/4 x 14		

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# Cnt-r-KUT *CD MAXe*

## CENTER DEVICE ECONOMY KIT

### The **FLEXIBLE** Centering Device Kit

The Arthur Products Co. (APC) "CENTERING DEVICE (CD) MAX-e" is manufactured from an aerospace elastomer. The CD MAX-e is flexible enough to conform to damaged or deformed lines and can easily be fitted in the field to fit virtually any line from 3" to 8" in diameter by simply changing guide vanes or trimming if required. Attach your 1/4", 3/8" or 1/2" npt hose to one end of the CD and your favorite 1/4", 3/8" or 1/2" npt nozzle to the other end of the CD and you are ready to tackle the task at hand. Three flexible light weight centering guides 3", 4" and 6" diameters can quickly be changed in the field to stabilize and center the nozzle for cleaning. This kit comes in a cardboard box with three guide vanes; 10K rated stainless steel body, and attachment screws.



### **Now Available**

#### **CDMAXe-21**

3", 4", 6" and 8" guide vanes

#### **CDMAXe—Singles**

Kits with 3" or 4" or 6" or 8"  
guide vanes

APC  
Part Number

Female Pipe  
Thread

250CDMAXe

1/4- 18 NPT

375CDMAXe

3/8-18 NPT

375CDMAXeb

3/8-19 BSPP

500CDMAXe

1/2-14 NPT

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# Cnt-r-KUT *CD MAXd*

## CENTER DEVICE DELUXE KIT

### The *FLEXIBLE* Centering Device Kit

The Arthur Products Co. (APC) "CENTERING DEVICE (CD) MAX-d" allows itself to conform to those unfortunate line situations operators always run into. Manufactured from an aerospace elastomer this CD MAX-d is flexible enough to conform to damaged or deformed lines and can easily be trimmed in the field to fit virtually any line from 3" to 8" in diameter. Simply attach your 3/8" or 1/2" npt hose to one end of the CD and your favorite 1/4", 3/8" or 1/2" npt nozzle to the other end of the CD and you are ready to tackle the task at hand. Three flexible light weight centering guides 3", 4" and 6" diameters can quickly be changed in the field to stabilize and center the nozzle for cleaning. This kit comes complete with a tread plate carrying case; three guide vanes; a plastic parts box with a 10K rated stainless steel body, attachment screws, wrench and orifice cleaner; a utility knife; and a 6" ruler.



### **Now Available**

#### **CDMAXd-21**

3", 4", 6" and 8" guide vanes

APC Part Number	Female Pipe Thread
250CDMAXe	1/4- 18 NPT
375CDMAXe	3/8-18 NPT
375CDMAXeb	3/8-19 BSPP
500CDMAXe	1/2-14 NPT

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*Yellow Jacket*



# ***TIER 2***

## ***NOZZLES WITH***

## ***INSERTS***

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Phone: 1.330.725.4905

Fax: 1.330.722.2698

18

E-Mail: [apc@apclsq.com](mailto:apc@apclsq.com)

Web: [www.arthurproducts.com](http://www.arthurproducts.com)

2025nozR1



# Yellow Jacket

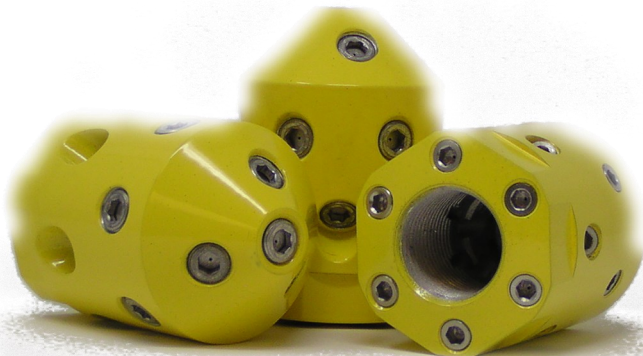
**“Light Weight Multi Purpose” (YJ) [Tier 2]**

## Application/Features:

- Designed utilizing 7075-T6 aircraft aluminum resulting in a light weight high pressure tier 2 nozzle.
- Jet Pattern :
  - 1 Forward Jet at 0°
  - 3 Forward Jets at 45°
  - 6 Side Jets @ 90°
  - 6 Back Jets @45°
  - 6 Rear Thrusting Jets at 12°
  - Custom manufactured Tier 2 heat treated Stainless steel inserts



**Maximum Working Pressure = Up To 10,000psi (690 bar)**



APC Part Number	Female Pipe Thread (NPT)
AP0375YJ-10	3/8 x 18
AP0500YJ-10	1/2 x 14
AP0750YJ-10	1.0 x 11.5

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Web: [www.arthurproducts.com](http://www.arthurproducts.com)



# Eg-A-Nator-2

**Heavy Penetrator (EG2) [Tier 2]**

## Application/Features:

- Designed for maximum tier 2 blockage penetration plus excellent thrusting capabilities.
- Jet Pattern :
  - 1 Forward Jet (Inserted)
  - 6 Thrusting/Flushing Jets @ 10° (Inserted)
- Custom manufactured heat treated Stainless steel inserts
- Knurled for ease of Installation



**Maximum Working Pressure = Up To 10,000psi (690 bar)**



APC Part Number	Female Pipe Thread (NPT)
AP0375EG2-10	3/8 x 18
AP0500EG2-10	1/2 x 14

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Web: [www.arthurproducts.com](http://www.arthurproducts.com)





# Chizel-2

**Heavy Penetrator (CZ2) [Tier 2]**

## Application/Features:

- Designed for general purpose cleaning
- Jet Pattern :
  - 1 Forward Jet @ 0° (Inserted)
  - 3 Forward Jets @ 10° (Inserted)
  - 6 Thrusting/Flushing Jets @ 10° (Inserted)
- Sharp Cutting Edges for better penetration
- Knurled for ease of Installation
- Stainless steel inserts

**Maximum Working Pressure = Up To 10,000psi (690 bar)**



APC Part Number	Female Pipe Thread (NPT)
AP0375CZ2-10	3/8 x 18
AP0500CZ2-10	1/2 x 14

## **Now Available**

7075-T6 aircraft aluminum  
hard anodized for durability.

3/8-18 NPT

3/8-16 BSPP



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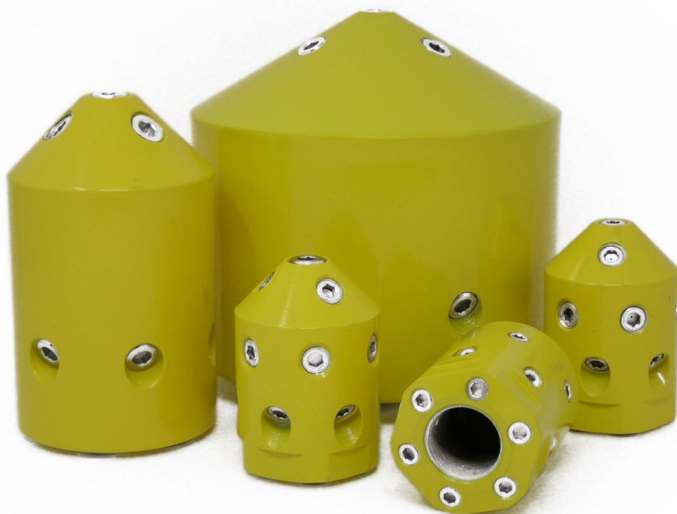
Web: [www.arthurproducts.com](http://www.arthurproducts.com)



# *Yellow Jacket*

*"Light Weight Multi Purpose" (YJ) [Tier 2]*

## **Custom manufactured** **From 7075-T6** **Aircraft Aluminum**



*These APC Line Moles are designed for medium to large diameter pipes and are custom manufactured from 7075-T6 Aircraft Aluminum.*

*For more information please contact APC at:*

*Phone: 1.800.322.0510*

*E-Mail: [apc@apclsq.com](mailto:apc@apclsq.com)*



# *Yellow Jacket*

*"Stainless Steel" (YJ) [Tier 2]*

## **Custom manufactured** **From** **Stainless Steel** **(Heat Treated)**



*These APC Line Moles are designed for smaller pipes and are custom manufactured from Stainless Steel.*

*For more information please contact APC at:*

*Phone: 1.800.322.0510*

*E-Mail: [apc@apclsq.com](mailto:apc@apclsq.com)*

*Website: [www.arthurproducts.com](http://www.arthurproducts.com)*



# *Nozzles, Medium Pressure*

*"20K PSI"*



# ***20K***

## ***BOTH***

## ***LEFT HAND AND RIGHT HAND***

## ***AVAILABLE***

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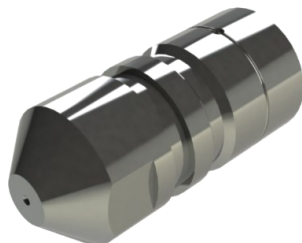
E-Mail: [apc@apclsq.com](mailto:apc@apclsq.com)

Web: [www.arthurproducts.com](http://www.arthurproducts.com)



# *Nozzles, Medium Pressure*

**STANDARD "20K PSI"**



## **STANDARD CONFIGURATION** **(ST)**

<b>APC Part Number</b>	<b>Thread (MP)</b>	<b>Left Hand</b>	<b>Right Hand</b>
AP0250ST-XXX	1/4 x 28	Yes	Yes
AP0375ST-XXX	3/8 x 24	Yes	Yes
AP0562ST-XXX	9/16 x 18	Yes	Yes

### **Application/Features:**

- Standard configuration for 20K applications



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# *Nozzles, Medium Pressure*

**EVAPORATOR "20K PSI"**



## **EVAPORATOR CONFIGURATION** **(EV)**

APC Part Number	Thread (MP)	Left Hand	Right Hand
AP0250EV-XXX	1/4 x 28	Yes	Yes
AP0375EV-XXX	3/8 x 24	Yes	Yes
AP0562EV-XXX	9/16 x 18	Yes	Yes

### **Application/Features:**

- Standard configuration for 20K applications



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# *Nozzles, Medium Pressure*

**BUTTON NOSE "20K PSI"**



## **BUTTON NOSE CONFIGURATION** **(BN)**

APC Part Number	Thread (MP)	Left Hand	Right Hand
AP0250BN-XXX	1/4 x 28	Yes	Yes
AP0375BN-XXX	3/8 x 24	Yes	Yes
AP0562BN-XXX	9/16 x 18	Yes	Yes

### **Application/Features:**

- Standard configuration for 20K applications



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# Nozzles, Medium Pressure

LX "20K PSI"



## EVAPORATOR CONFIGURATION (LX)

APC Part Number	Thread (MP)	Left Hand	Right Hand
AP0250LX-XXX	1/4 x 28	Yes	Yes
AP0375LX-XXX	3/8 x 24	Yes	Yes
AP0562LX-XXX	9/16 x 18	Yes	Yes

### Application/Features:

- Standard configuration for 20K applications



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# Nozzle *Safety*

## **SAFETY PROCEDURES FOR USING Cnt-r-KUT**

- 1) **Inspect Nozzle** prior to using to ensure that all orifices are unobstructed. Blocked orifices could result in dangerous over-pressuring of pumping equipment. Also, inspect for any surface damage as this can compromise nozzle safety.
  
- 2) **Discard Nozzle If:** A) The nozzle shows any signs of cracking or damage, particularly to threaded connections. B) The nozzle shows significant wear to sidewall at any point. C) The ability of the nozzle to hold pressure is in any way in question.
  
- 3) **Use Teflon Tape** on all male NPT threads before installing the nozzle. For those nozzles with machine screw threads use a good quality anti-seize compound.
  
- 4) **Use Wrench Flats** (if available) and an open ended wrench whenever possible, to install nozzles. A properly adjusted pipe wrench can be used for tightening nozzles which do not have wrench flats. Remember **DO NOT OVERTIGHTEN**. Avoid deep wrench marks which can severely weaken the nozzle.
  
- 5) **Nozzle Flow Ratings** must be compatible with pump flow and pressure rating to avoid dangerous over pressuring of the system.



# Nozzle Sale

## Terms and Conditions of Sales Agreement

**Agreement.** This Agreement between Arthur Products Co (APC) of Medina, Oh and Buyer for the sale of the APC products or parts covered in this invoice shall consist of the terms and conditions herein, shall constitute the entire agreement between the Parties for such sale, and shall supersede all prior oral or written representations or agreements between the Parties. This Agreement may only be modified by a written amendment signed by an authorized representative of both Parties. APC objects and shall not be bound by any additional or different terms, whether printed or otherwise in Buyer's purchase order or any other communication from Buyer unless expressly agreed to by APC in writing. Prior courses of dealing between the Parties or trade usage, to the extent they add to, detract from, supplant or explain this Agreement, shall not be binding on APC.

**Safety Training.** APC products are designed to use highly pressurized water to perform water blasting operations. Misuse or improper maintenance of these products may cause damage to the product, other property damage, serious personal injury or even death. Accordingly Buyer agrees to become familiar with and follow the instructions available from APC for the safe and proper operation and maintenance of the product and to train all personnel who will use the product in the safe and proper operation and maintenance of the product in accordance with the recommended safety and maintenance practices in the operations manual or video available from APC. Should Buyer or its personnel at any time have a question regarding the proper use and maintenance of the product or the proper installation, use or maintenance of any part or accessory, Buyer agrees to contact a APC representative for further instruction.

**Warranty.** APC warrants its product parts to be free from defects in material and workmanship for 30 days from the date of invoice. This warranty covers only metal parts sold individually or as part of an assembled water blasting unit. This warranty does not cover damage due to normal wear and tear; misuse or failure to use or maintain a part or product in accordance with operating or maintenance instructions furnished by APC; improper installation by Buyer or alteration of a part or accessory; or use of an unauthorized or non-standard part or accessory. Items not manufactured by APC are covered only by the warranty of the actual manufacturer. **APC EXPRESSLY DISCLAIMS ALL OTHER REPRESENTATIONS AND WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER STATUTORY OR COMMON LAW WARRANTY.**

**Warranty Service.** During the warranty period, APC will provide warranty service for any covered part or product returned by Buyer to APC, shipping prepaid by Buyer, for inspection by APC, and such inspection reveals a defect in material or workmanship. APC will then, at its option, repair or replace the part or product and reship to Buyer F.O.B. APC's warranty service center, or refund the purchase price for the part or product. Buyer bears the risk of loss or damage to the part or product during shipment to and from APC.

**Limitation of Liability.** Buyer's sole remedy for breach of warranty shall be as set forth above. **APC SHALL NOT BE RESPONSIBLE FOR LOSS OF USE OF ANY PRODUCT, LOST PROFITS OR ANY INDIRECT, CONSEQUENTIAL OR PUNITIVE DAMAGES, NOR SHALL APC'S LIABILITY FOR ANY OTHER DAMAGES WHATSOEVER ARISING OUT OF OR CONNECTED WITH THIS AGREEMENT OR THE MANUFACTURE, SALE, DELIVERY OR USE OF THE PRODUCT EXCEED**

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**For over 65 years, Arthur Products has listened to our customers needs and then set out to find ways to meet those needs. We do it all; from design, material selection, manufacturing, drilling, and testing. We are there for our customers every step of the way.**

