



PRODUCT CATALOG

A collage of five images illustrating various industrial cleaning applications. Top right: A close-up of a metal pipe being cleaned by a high-pressure water jet, with debris flying off. Bottom right: A green 'RIPSAW' blade being used to cut through a thick, brown, crusty material. Bottom center: A blue 'WITCH BLADE' being used to cut through a similar brown material. Bottom left: A close-up of a silver 'BEETLE' nozzle being used to spray water onto a dark, textured surface. Top left: A vertical view of a 'MARKSMAN' nozzle, showing water spraying out from its tip. The background of the catalog page features a large, dark, abstract shape that looks like a stylized 'X' or a burst of energy, composed of many smaller, semi-transparent diamond-shaped elements.

HYDRO-EXCAVATION

SEWER JETTING

INDUSTRIAL CLEANING

DELIVERY MADE EASY

with Hydra-Flex & Our Distribution Network

Hydra-Flex is a premium brand that has built a reputation of industry-leading innovation and superior quality for over 20 years.

We collaborate with top-tier dealers worldwide to ensure widespread distribution of our products. Thanks to our parent company's nationwide distribution network, we can deliver products to our partners faster than ever so they can provide seamless delivery and service for customers everywhere.



Find a Hydra-Flex Dealer near you.

REQUEST A DEMO

Experience the power of our products – book a demo with your local dealer today!



24/7 SUPPORT

Our dedicated team is here to support you.

- Sales Support
- Customer Service
- Product Training
- Technical Support
- Marketing Support

A PATH TO SUCCESS

We continually develop new products, expand our offerings, explore new applications and industries, and enhance our services to meet your needs.



Check out this video to learn more about us.

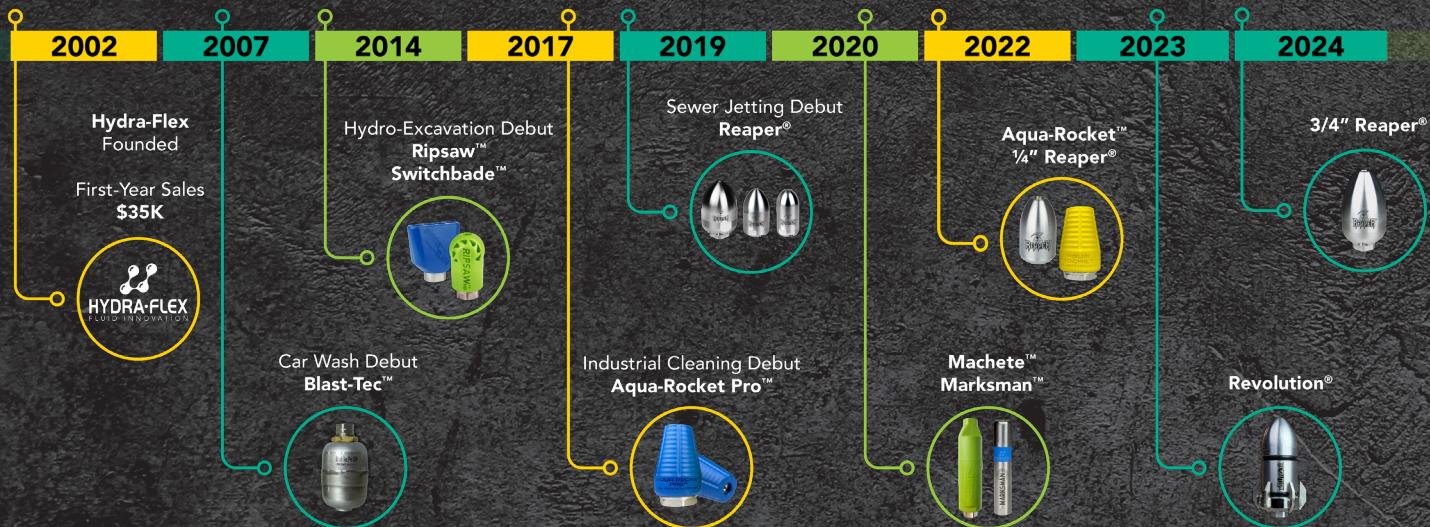


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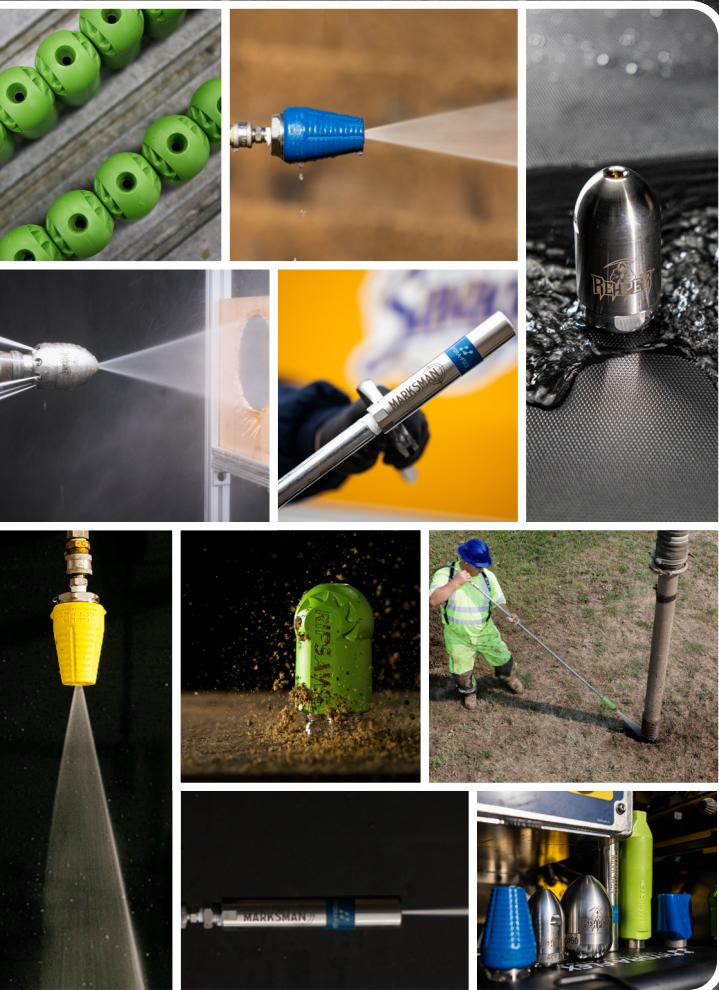
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WATER-SAVING TECHNOLOGY

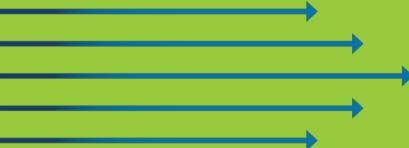
THE HYDRA-FLEX ADVANTAGE

Our patented water-saving technology sets us apart from competitors. **Flow-Straightening Technology** utilizes laminar flow to ensure every fluid particle flows along one smooth path to **maximize force while using less water**.



WHAT WE DO LAMINAR FLOW

Smooth and streamlined, all molecules move in the same direction at the same speed



COMPETITORS TURBULENT FLOW

Swirling and chaotic, all molecules flow in different directions at different speeds





LET'S TALK RIPSAW™



VISIT OUR VIDEO LIBRARY!

Product Videos | Let's Talk About Series | Testimonials
Hydra-Flex vs. the Competition | Repair Kit Tutorials and more!



LOCAL EXPERTS

Our team of passionate problem-solvers are equipped with the resources to innovate, engineer, test, and manufacture quality products locally, in Savage, Minn., USA.

REPAIR, DON'T REPLACE!



Our nozzles are designed to be repairable, extending product longevity and providing a better return on investment.

MORE THAN
38 BILLION

Gallons of water saved
by Hydra-Flex products



OUTPERFORM, OUTLAST AND EXCEED STANDARDS

Benefit from superior products that are exceptionally engineered, quality tested to the highest standards, and outperform competitors to:



PG. 7-20

HYDRO-EXCAVATION

Cut through and break up soil with our high-pressure digging nozzles for precise, non-mechanical, and non-destructive excavation. They offer superior durability, outlast competitors, and have greater impact force than higher GPM nozzles.

Ripsaw HD™ | Switchblade™ | Machete™

PG. 21-30

SEWER JETTING

Our sewer jetting nozzles use high-pressure water jets to remove build-ups and eliminate blockages within pipe walls. These effective and versatile tools offer a complete solution for clearing obstructions and maintaining sewer lines.

Reaper® | 1" | 3/4" | 1/2" | 3/8" | 1/4"
Revolution by Reaper®

PG. 30-40

INDUSTRIAL CLEANING

Effectively and quickly clean any surface with our high-pressure cleaning nozzles. Based on application, water pressure, flow rate, and distance to surface, we can match you with the perfect cleaning solution.

Marksman™ | Aqua-Rocket™

HYDRO-EXCAVATION





SWITCH
BLADE™

MACHETE™



Watch our
Hydro-Ex
video playlist!



HEAVY-DUTY, RELIABLE POWER

Industry-leading Spinner Tip

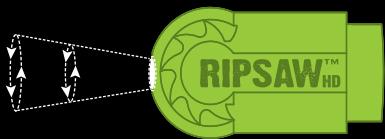
Pothole | Daylight | Debris Removal
Pile Hole | Frac Tank Cleaning



0-DEGREE straight stream

rotates to create an **18-DEGREE** cone

SPRAY PATTERN



“

“It’s amazing! What the Ripsaw means to us is a nearly 30 percent increase in productivity. It’s a simple thing on a half-million-dollar truck, and it makes a big difference.”

Bruce Bergstrom, CEO

Energy Construction Solutions, Inc.

QUICK FACTS

- Flow Rates: 1.5 – 10.7 GPM
- Inlet Pressure: 1,000 – 3,200 PSI
- Nozzle Sizes: #3.0 – #12.0
- Max Temp: 180°F (+82°C)

Tungsten Carbide
wear surfaces
provide longer
lifespan



Stainless steel housing
protects against wear
and tear



DIG 35% FASTER**SAFE AROUND UTILITIES
WHEN USED AS DIRECTED****MORE OPERATIONAL HOURS****USE LESS WATER****WHY CHOOSE RIPSAW?**

- Stands tall against frost, shale, rocky soil, and more!
- Premium stainless steel housing and tungsten carbide wear surfaces increase durability and longevity
- Heavy-duty, non-conductive Hytrex coating protects nozzle components, users, and utilities
- Constant rotating stream allows for safe digging around utilities when used as directed
(Reference Best Practices & Safety Instruction on our website)
- Repair kits available for extended life

The Ripsaw HD's stream rotates at a slower RPM compared to other nozzles, which increases its digging power, improves control, and reduces wear and tear to lengthen its life.

The 18-degree rotating stream helps you dig deeper and faster to reduce water use.

- Less trips to the dump and truck refills
- Helps to maintain compliance with weight restrictions on truck



KEY FEATURES



Hytrex Coating
Protects users and sensitive underground utilities

Bonus: Lasts 2-3 times longer than previous coating



Rubber Boot

Provides a smooth rotation



Inlet Connection
1/2" FNPT



Inlet Screen
Protects nozzle from contaminants



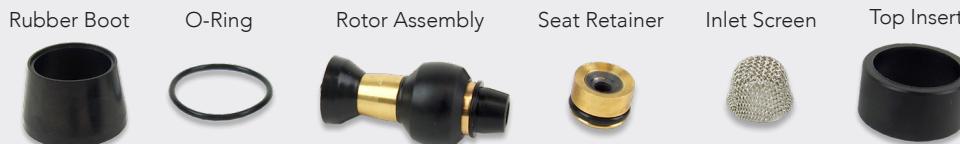
Tungsten Carbide Nozzle Tip and Seat

Materials proven to outlast ceramic nozzles



Easily rebuild the Ripsaw in just 10 minutes with our field repair kits.



REPAIR KIT**DOME INLET SCREENS**

10 Pack



Part Number: 20019939

NOZZLE SIZE	RIPSAW HD NOZZLE PART NUMBER	REPAIR KIT PART NUMBER	FLOW RATE CHART (GPM)					
			@1,000 PSI (70 Bar)	@1,500 PSI (103 Bar)	@2,000 PSI (138 Bar)	@2,500 PSI (172 Bar)	@3,000 PSI (207 Bar)	@3,200 PSI (221 Bar)
3.0	20022380	20022328	1.5 GPM (5.7 LPM)	1.8 GPM (6.8 LPM)	2.1 GPM (7.9 LPM)	2.4 GPM (9.1 LPM)	2.6 GPM (9.8 LPM)	2.7 GPM (10.2 LPM)
4.0	20022381	20022329	2.0 GPM (7.6 LPM)	2.4 GPM (9.1 LPM)	2.8 GPM (10.6 LPM)	3.2 GPM (12.1 LPM)	3.5 GPM (13.2 LPM)	3.6 GPM (13.6 LPM)
5.0	20022382	20022330	2.5 GPM (9.5 LPM)	3.1 GPM (11.7 LPM)	3.5 GPM (13.2 LPM)	4.0 GPM (15.1 LPM)	4.3 GPM (16.3 LPM)	4.5 GPM (17.0 LPM)
6.0	20022383	20022331	3.0 GPM (11.4 LPM)	3.7 GPM (14.0 LPM)	4.2 GPM (15.9 LPM)	4.7 GPM (17.8 LPM)	5.2 GPM (19.7 LPM)	5.4 GPM (20.4 LPM)
8.0	20022384	20022332	4.0 GPM (15.1 LPM)	4.9 GPM (18.5 LPM)	5.7 GPM (21.6 LPM)	6.3 GPM (23.8 LPM)	6.9 GPM (26.1 LPM)	7.2 GPM (27.3 LPM)
10.0	20022385	20022333	5.0 GPM (18.9 LPM)	6.1 GPM (23.1 LPM)	7.1 GPM (26.9 LPM)	7.9 GPM (29.9 LPM)	8.7 GPM (32.9 LPM)	8.9 GPM (33.7 LPM)
12.0	20022386	20022334	6.0 GPM (22.7 LPM)	7.3 GPM (27.6 LPM)	8.5 GPM (32.2 LPM)	9.5 GPM (36.0 LPM)	10.4 GPM (39.4 LPM)	10.7 GPM (40.5 LPM)

**OUTFIT YOUR RIG**

Hydro-Excavation or Municipal-focused demo boxes are available to fully outfit your rig. Email us for more info.

hello@hydraflexinc.com

FIND A HYDRA-FLEX DEALER IN YOUR AREA

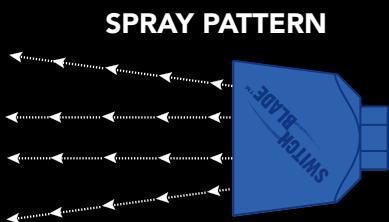
SWITCH BLADE™

CUSTOMIZABLE STREAMS

Faster & Deeper Impingement

Trenching | Precision Digging

Starting Tool | Compact Soils

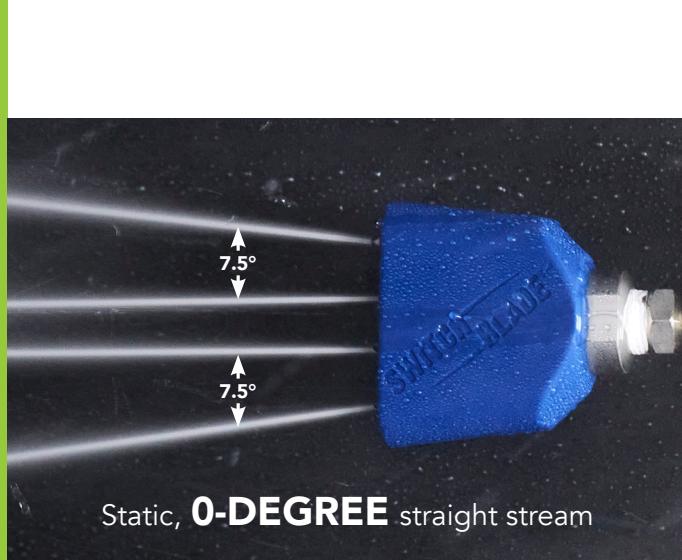


“

"[Switchblade] is pretty impressive. You have the option of turning it sideways... [to] keep a nice cutting action. We do a lot of trenching where it doesn't have to be very wide... [it's] perfect for those narrow channels."

Jesse Doffler

Goliath Hydro-Vac



QUICK FACTS

- Flow Rates (Pre-Configured):
2.0 – 14.0 GPM

*Reference pull chart on Page 16 for more available options

- Inlet Pressure:
1,000 - 4,000 PSI
- Max Temp:
180°F (+82°C)
- Inlet Connection:
1/2" FNPT



IMPRESSIVE LONGEVITY**GREATER IMPACT FORCE****MULTIPLE STREAM OPTIONS****VERSATILITY IN THE FIELD****WHY CHOOSE SWITCHBLADE?**

- Premium stainless steel housing and tungsten carbide wear surfaces increase durability and longevity
- Heavy-duty, non-conductive Hytrel coating protects nozzle components and users
- Greater force allows you to get the same impact as nozzles with higher GPM
- Multiple stream options, with tons of flow rate configurations

From the Ace's precise single stream and the Quad's efficient four streams to the perfect balance of both with the Deuce, the Switchblade's range of streams allow you to customize your nozzle to suit the specific needs of the job.

Individual, replaceable, color-coded nozzle pills – as well as plugs – allow you to change the water flow rate based on job and soil conditions. See Page 15 for more info.



SWITCH BLADE™



CHOOSE YOUR PRE-CONFIGURED NOZZLE

Switchblade nozzles are pre-configured in the most commonly used flow rates across the industry.

NOZZLE SIZE	PART NUMBER	FLOW RATE CHART						
		@1,000 PSI (69 Bar)	@1,500 PSI (103 Bar)	@2,000 PSI (138 Bar)	@2,500 PSI (172 Bar)	@3,000 PSI (207 Bar)	@3,500 PSI (241 Bar)	@4,000 PSI (275 Bar)
SWITCHBLADE ACE NOZZLE KIT								
8.0	20022354	4.0 GPM (15.1 LPM)	4.9 GPM (18.5 LPM)	5.7 GPM (21.6 LPM)	6.3 GPM (23.8 LPM)	6.9 GPM (26.1 LPM)	7.2 GPM (27.3 LPM)	8.0 GPM (30.2 LPM)
10.0	20022355	5.0 GPM (18.9 LPM)	6.1 GPM (23.1 LPM)	7.1 GPM (26.9 LPM)	7.9 GPM (29.9 LPM)	8.7 GPM (32.9 LPM)	8.9 GPM (33.7 LPM)	9.0 GPM (34.0 LPM)
12.0	20022356	6.0 GPM (22.7 LPM)	7.3 GPM (22.4 LPM)	8.5 GPM (32.1 LPM)	9.5 GPM (35.9 LPM)	10.4 GPM (39.3 LPM)	10.7 GPM (40.5 LPM)	12.0 GPM (45.4 LPM)
SWITCHBLADE DEUCE NOZZLE KIT								
4.0	20022343	2.0 GPM (7.6 LPM)	2.4 GPM (9.1 LPM)	2.8 GPM (10.6 LPM)	3.2 GPM (12.1 LPM)	3.5 GPM (13.2 LPM)	3.6 GPM (13.6 LPM)	4.0 GPM (15.1 LPM)
6.0	20022344	3.0 GPM (11.4 LPM)	3.7 GPM (14.0 LPM)	4.2 GPM (15.9 LPM)	4.7 GPM (17.9 LPM)	5.2 GPM (19.8 LPM)	5.4 GPM (20.4 LPM)	6.0 GPM (22.7 LPM)
8.0	20022345	4.0 GPM (15.1 LPM)	4.9 GPM (18.5 LPM)	5.7 GPM (21.6 LPM)	6.3 GPM (23.8 LPM)	6.9 GPM (26.1 LPM)	7.2 GPM (27.3 LPM)	8.0 GPM (30.2 LPM)
10.0	20022346	5.0 GPM (18.9 LPM)	6.1 GPM (23.1 LPM)	7.1 GPM (26.9 LPM)	7.9 GPM (29.9 LPM)	8.7 GPM (32.9 LPM)	8.9 GPM (33.7 LPM)	9.0 GPM (34.0 LPM)
12.0	20022347	6.0 GPM (22.7 LPM)	7.3 GPM (22.4 LPM)	8.5 GPM (32.1 LPM)	9.5 GPM (35.9 LPM)	10.4 GPM (39.3 LPM)	10.7 GPM (40.5 LPM)	12.0 GPM (45.4 LPM)
SWITCHBLADE QUAD NOZZLE KIT								
4.0	20022291	2.0 GPM (7.6 LPM)	2.4 GPM (9.1 LPM)	2.8 GPM (10.6 LPM)	3.2 GPM (12.1 LPM)	3.5 GPM (13.2 LPM)	3.6 GPM (13.6 LPM)	4.0 GPM (15.1 LPM)
6.0	20022294	3.0 GPM (11.4 LPM)	3.7 GPM (14.0 LPM)	4.2 GPM (15.9 LPM)	4.7 GPM (17.9 LPM)	5.2 GPM (19.8 LPM)	5.4 GPM (20.4 LPM)	6.0 GPM (22.7 LPM)
8.0	20022277	4.0 GPM (15.1 LPM)	4.9 GPM (18.5 LPM)	5.7 GPM (21.6 LPM)	6.3 GPM (23.8 LPM)	6.9 GPM (26.1 LPM)	7.2 GPM (27.3 LPM)	8.0 GPM (30.2 LPM)
10.0	20022278	5.0 GPM (18.9 LPM)	6.1 GPM (23.1 LPM)	7.1 GPM (26.9 LPM)	7.9 GPM (29.9 LPM)	8.7 GPM (32.9 LPM)	8.9 GPM (33.7 LPM)	9.0 GPM (34.0 LPM)
12.0	20022295	6.0 GPM (22.7 LPM)	7.3 GPM (22.4 LPM)	8.5 GPM (32.1 LPM)	9.5 GPM (35.9 LPM)	10.4 GPM (39.3 LPM)	10.7 GPM (40.5 LPM)	12.0 GPM (45.4 LPM)
14.0	20022279	7.0 GPM (26.4 LPM)	8.6 GPM (32.5 LPM)	9.9 GPM (37.4 LPM)	11.1 GPM (42.0 LPM)	12.1 GPM (45.8 LPM)	13.1 GPM (49.5 LPM)	14.0 GPM (52.9 LPM)

INTERCHANGE PILLS AND FLOW RATES



Switchblade pills can be easily replaced in the field by using a nut screwdriver.

WANT EVEN MORE VERSATILITY?



Use flow plugs to block streams, enhancing the versatility of your Quad.

PART NUMBER	DESCRIPTION	COLOR	FLOW RATE (EACH PILL)						
			@1,000 PSI (69 Bar)	@1,500 PSI (103 Bar)	@2,000 PSI (138 Bar)	@2,500 PSI (172 Bar)	@3,000 PSI (207 Bar)	@3,500 PSI (241 Bar)	@4,000 PSI (275 Bar)
20022319	1.0 Pill	Blue	0.5 GPM (1.8 GPM)	0.6 GPM (2.2 LPM)	0.7 GPM (2.6 GPM)	0.8 GPM (3.0 LPM)	0.9 GPM (3.4 LPM)	0.9 GPM (3.4 LPM)	1.0 GPM (3.7 LPM)
20022320	2.0 Pill	Yellow	1.0 GPM (3.7 LPM)	1.2 GPM (4.5 LPM)	1.4 GPM (5.2 LPM)	1.6 GPM (6.0 LPM)	1.7 GPM (6.4 LPM)	1.9 GPM (7.1 LPM)	2.0 GPM (7.5 LPM)
20022321	3.0 Pill	Green	1.5 GPM (5.7 LPM)	1.8 GPM (6.8 LPM)	2.1 GPM (7.9 LPM)	2.4 GPM (9.1 LPM)	2.6 GPM (9.8 LPM)	2.7 GPM (10.2 LPM)	3.0 GPM (11.3 LPM)
20022322	4.0 Pill	Orange	2.0 GPM (7.6 LPM)	2.4 GPM (9.1 LPM)	2.8 GPM (10.6 LPM)	3.2 GPM (12.1 LPM)	3.5 GPM (13.2 LPM)	3.6 GPM (13.6 LPM)	4.0 GPM (15.1 LPM)
20022323	5.0 Pill	Purple	2.5 GPM (9.5 LPM)	3.1 GPM (11.7 LPM)	3.5 GPM (13.2 LPM)	4.0 GPM (15.1 LPM)	4.3 GPM (16.2 LPM)	4.5 GPM (17.0 LPM)	5.0 GPM (18.9 LPM)
20022324	6.0 Pill	Red	3.0 GPM (11.4 LPM)	3.7 GPM (14.0 LPM)	4.2 GPM (15.9 LPM)	4.7 GPM (17.9 LPM)	5.2 GPM (19.8 LPM)	5.4 GPM (20.4 LPM)	6.0 GPM (22.7 LPM)
20022325	8.0 Pill	Black	4.0 GPM (15.1 LPM)	4.9 GPM (18.5 LPM)	5.7 GPM (21.6 LPM)	6.3 GPM (23.8 LPM)	6.9 GPM (26.1 LPM)	7.2 GPM (27.3 LPM)	8.0 GPM (30.2 LPM)
20022326	10.0 Pill	White	5.0 GPM (18.9 LPM)	6.1 GPM (23.1 LPM)	7.1 GPM (26.9 LPM)	7.9 GPM (29.9 LPM)	8.7 GPM (32.9 LPM)	8.9 GPM (33.7 LPM)	9.0 GPM (34.0 LPM)
20022327	12.0 Pill	Pink	6.0 GPM (22.7 LPM)	7.3 GPM (22.4 LPM)	8.5 GPM (32.1 LPM)	9.5 GPM (35.9 LPM)	10.4 GPM (39.3 LPM)	10.7 GPM (40.5 LPM)	12.0 GPM (45.4 LPM)
10014279	SST Plug	-	-	-	-	-	-	-	-

*All pills have a 1/8" NPT connection thread.

**SWITCH
BLADE™**

PRODUCT SPOTLIGHT

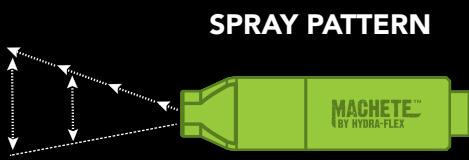
SEE SWITCHBLADE IN ACTION

MACHETE™

MAXIMIZE SPEED & PERFORMANCE

Prioritize Safety with Incredible Ergonomics

Bell Holing | Sloping | Trenching
Finishing Tool | Caliche / Hard Soils



“

"This tip rocks. It's my go-to whether I'm into harsh ground or making my work look great with finishing touches... recommend it on every truck!"

Dave Temple, Owner / Operator
CDT Hydrovac Excavation



0-DEGREE straight stream

oscillates to create a **15-DEGREE** wedge

QUICK FACTS

- Flow Rates: 3.0 – 8.9 GPM
- Inlet Pressure: 1,000 – 3,200 PSI
- Nozzle Sizes: #6.0 – #10.0
- Max Temp: 180°F (+82°C)



Tungsten
Carbide
wear surfaces
provide longer
lifespan

Nylon cover
protects users,
utilities, and
allows for instant
in-field repair

Stainless steel
housing protects
against wear
and tear



DIG 48% FASTER**ERGONOMICALLY SOUND****SAFE AROUND UTILITIES WHEN USED AS DIRECTED****UNIQUE MOTION OFFERS SUPERIOR PERFORMANCE****WHY CHOOSE MACHETE?**

- Built specifically for challenging soil conditions where standard nozzles fall short
- Designed to minimize undermining risks
- Premium stainless steel housing and tungsten carbide wear surfaces increase durability and longevity
- Greater power allows you to use smaller nozzle sizes while getting the same impact as nozzles with higher GPM
- Replacement covers and repair kits available for extended life

- Approved for use around sensitive underground utilities
(Reference Best Practices & Safety Instruction on our website)
- Oscillating motion helps reduce undermining
- Requires less operator bending and movement

Combine the safety and rotation of the Ripsaw with the straight-line power of the Switchblade to offer a long, slicing stream that optimizes efficiency and reaches greater depths faster.

MACHETE™



KEY FEATURES

★ Replaceable Top Cover

Top and bottom cover unscrews into two pieces to easily repair



★ Tungsten Carbide Nozzle Tip and Seat

Materials proven to outlast ceramic nozzles



★ Urethane Stator

Provides a smooth rotational surface



★ Inlet Connection

1/2" FNPT

★ Replaceable Bottom Cover



★ Inlet Screen

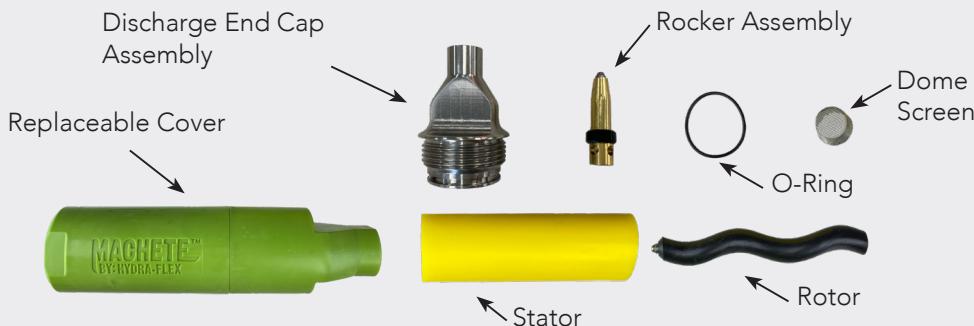
Protects nozzle from contaminants



Repair kits are available to extend the life of the nozzle, watch repair video here.



REBUILD KIT



DOME INLET SCREENS

10 Pack



Part Number: 20019939

NOZZLE SIZE	NOZZLE PART NUMBER	REBUILD KIT PART NUMBERS	FLOW RATE CHART (GPM)					
			@1,000 PSI (70 Bar)	@1,500 PSI (103 Bar)	@2,000 PSI (138 Bar)	@2,500 PSI (172 Bar)	@3,000 PSI (207 Bar)	@3,200 PSI (221 Bar)
6.0	20022427	20022454	3.0 GPM (11.4 LPM)	3.7 GPM (14.0 LPM)	4.2 GPM (15.9 LPM)	4.7 GPM (17.8 LPM)	5.2 GPM (19.7 LPM)	5.4 GPM (20.4 LPM)
8.0	20022428	20022455	4.0 GPM (15.1 LPM)	4.9 GPM (18.5 LPM)	5.7 GPM (21.6 LPM)	6.3 GPM (23.8 LPM)	6.9 GPM (26.1 LPM)	7.2 GPM (27.3 LPM)
10.0	20022429	20022456	5.0 GPM (18.9 LPM)	6.1 GPM (23.1 LPM)	7.1 GPM (26.9 LPM)	7.9 GPM (29.9 LPM)	8.7 GPM (32.9 LPM)	8.9 GPM (33.7 LPM)



LET'S TALK **MACHETE™**

WATCH VIDEO TO LEARN
MORE ABOUT MACHETE



FIND A DEALER TO
REQUEST A DEMO!

SEWER JETTING





Watch our
Sewer Jetting
video playlist!

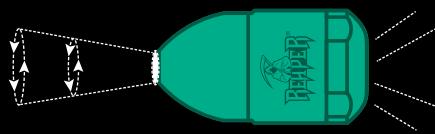


BLOCKAGE REMOVER

Fastest Cutter on the Market

Cut Roots | Blockage Eliminator | FOG Removal
Paraffin Wax Removal | Break Down Wipes | Clear Calcite

SPRAY PATTERN



“

"The Reaper has been the best cutting nozzle we've ever seen."

Derek Galanis, Jetter Sales Team Member
HotJet USA

1/4" REAPER



1 Pass
6-8 GPM

COMPETITOR



WATER SAVINGS

4 Passes
18-20 GPM



BSPP ADAPTABILITY AVAILABLE

SEE PG. 26

1/4"

RESIDENTIAL

2-4" pipes

3/8"

LATERAL

3-6" pipes

1/2"

LATERAL

4-8" pipes

CUTS
6X
FASTER

NEW!

3/4"

MAINLINE

4-10" pipes

CUTS
6X
FASTER

IMPROVED
CUTTING
POWER

1"

MAINLINE

6-18" pipes



REMOVE BLOCKAGES FAST**USES LESS WATER****DURABILITY TO OUTLAST COMPETITION****CUT AND CLEAR FASTER REACH FULL DIAMETER OF PIPE****WHY CHOOSE REAPER?**

- Premium stainless steel housing and tungsten carbide wear surfaces increase durability and longevity
- Spray angles optimized for maximum pulling, thrusting, and cleaning power
- Greater force allows you to cut blockages faster and complete more jobs in a day
- Fully field repairable to resume operation in just 10 minutes

Clear and clean with the powerful rotating front stream that destroys blockages and cleans pipe walls while the back jets propel the nozzle forward and flush.

The 80 GPM 1" Reaper rear jets are proven to pull lines up to 1,200 feet!

Expertly designed to hit specific angles that shorten the time it takes to cut through roots and tough blockages and reach the full diameter of the pipe.



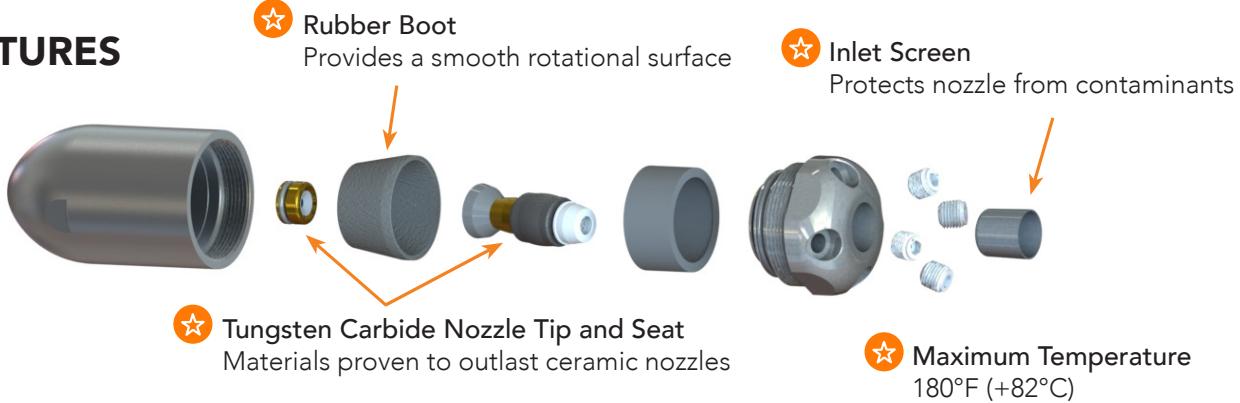
PRO TIP

Clear a blockage in two easy steps:

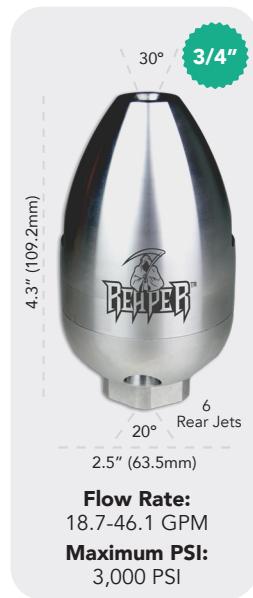
1. Feed the nozzle up to the blockage.
2. Pull back the hose (6-12" depending on pipe size), then push the nozzle forward into the blockage. This maximizes power and efficiency by ensuring the rotating stream reaches the pipe's full diameter to cut the blockage at its outermost point.



KEY FEATURES



QUICK FACTS





Repair kits get you back up and running in about 10 minutes without leaving the job site.

NO FLUID MAINTENANCE NEEDED!

REAR JET REPAIR KIT

3/8" & 1/2"

3/4" & 1"



*Not Available for the 1/4" Reaper

DOME INLET SCREENS

Part Numbers:

1/4" : 20022304

10 Pack

3/8" : 20022296



1/2" : 20022297

3/4" : 20024703

1" : 20022301

BSPP ADAPTERS

(MPT-TO-BSPP)



*1/4" and 3/8" Reaper

can be purchased as

BSPP nozzles (see

chart below). 3/4"

Reaper does not have

BSPP adaptability.

ROTOR REPAIR KIT



*1/4" Repair Kit does not include top insert, boot is plastic, and rotor assembly looks slightly different.

NOZZLE SIZE	FNPT NOZZLE PART NUMBER	BSPP NOZZLE PART NUMBER	ROTOR REPAIR KIT PART NUMBER	REAR JET REPAIR KIT	FLOW RATE CHART						
1/4" NOZZLE - IDEAL FOR 2" - 4" OR 50mm - 100mm PIPES											
6.0	20022461	20022463	20022303	--	3.7 GPM (14.0 LPM)	4.2 GPM (15.9 LPM)	4.7 GPM (17.8 LPM)	5.2 GPM (19.7 LPM)	5.6 GPM (21.2 LPM)	6.0 GPM (22.7 LPM)	6.7 GPM (25.4 LPM)
8.0	20022462	20022464	20022303	--	4.9 GPM (18.5 LPM)	5.7 GPM (21.6 LPM)	6.3 GPM (23.8 LPM)	6.9 GPM (26.1 LPM)	7.5 GPM (28.4 LPM)	8.0 GPM (30.2 LPM)	9.0 GPM (34.1 LPM)
3/8" NOZZLE - IDEAL FOR 3"- 6" OR 90mm - 180mm PIPES											
6.0	20022416	20022440	20022403	20022409	3.7 GPM (14.0 LPM)	4.2 GPM (15.9 LPM)	4.7 GPM (17.8 LPM)	5.2 GPM (19.7 LPM)	5.6 GPM (21.2 LPM)	6.0 GPM (22.7 LPM)	--
9.0	20022417	20022441	20022404	20022410	5.5 GPM (20.8 LPM)	6.4 GPM (24.2 LPM)	7.1 GPM (26.9 LPM)	7.8 GPM (29.5 LPM)	8.4 GPM (31.8 LPM)	9.0 GPM (34.1 LPM)	--
12.0	20022418	20022442	20022405	20022411	7.3 GPM (27.6 LPM)	8.5 GPM (32.2 LPM)	9.5 GPM (36.0 LPM)	10.4 GPM (39.4 LPM)	11.2 GPM (42.4 LPM)	12.0 GPM (45.4 LPM)	--
1/2" NOZZLE - IDEAL FOR 4"- 8" OR 110mm - 225mm PIPES											
12.0	20022419	--	20022406	20022411	7.3 GPM (27.6 LPM)	8.5 GPM (32.2 LPM)	9.5 GPM (36.0 LPM)	10.4 GPM (39.4 LPM)	11.2 GPM (42.4 LPM)	12.0 GPM (45.4 LPM)	--
15.0	20022420	--	20022407	20022412	9.2 GPM (34.8 LPM)	10.6 GPM (40.1 LPM)	11.9 GPM (45.0 LPM)	13.0 GPM (49.2 LPM)	14.0 GPM (53.0 LPM)	15.0 GPM (56.8 LPM)	--
18.0	20022421	--	20022408	20022413	11.0 GPM (41.6 LPM)	12.7 GPM (48.1 LPM)	14.2 GPM (53.8 LPM)	15.6 GPM (59.1 LPM)	16.8 GPM (63.6 LPM)	18.0 GPM (68.1 LPM)	--
24.0	20022423	--	20022408	20022415	14.7 GPM (55.6 LPM)	17.0 GPM (64.4 LPM)	19.0 GPM (71.9 LPM)	20.8 GPM (78.7 LPM)	22.4 GPM (84.8 LPM)	24.0 GPM (90.8 LPM)	--
3/4" NOZZLE - IDEAL FOR 4"- 10" OR 101mm - 254mm PIPES											
30.0	10019338	--	20024158	10019335	18.7 GPM (70.8 LPM)	21.7 GPM (82.5 LPM)	24.1 GPM (91.6 LPM)	26.5 GPM (100.7 LPM)	--	--	--
40.0	10019339	--	20024158	10019336	26.0 GPM (98.8 LPM)	30.2 GPM (114.8 LPM)	33.6 GPM (127.7 LPM)	37.0 GPM (140.6 LPM)	--	--	--
50.0	10019340	--	20024158	10019337	32.4 GPM (123.9 LPM)	37.6 GPM (142.9 LPM)	41.9 GPM (159.2 LPM)	46.1 GPM (175.2 LPM)	--	--	--
1" NOZZLE - IDEAL FOR 6"- 18" OR 180mm - 460mm PIPES											
40.0	20024151	--	20024158*	20024159	26.9 GPM (102.0 LPM)	31.1 GPM (117.8 LPM)	34.8 GPM (131.7 LPM)	38.1 GPM (144.2 LPM)	--	--	--
60.0	20024152	--	20024158*	20024160	39.2 GPM (148.4 LPM)	45.3 GPM (171.3 LPM)	50.6 GPM (191.5 LPM)	55.4 GPM (209.8 LPM)	--	--	--
80.0	20024153	--	20024158*	20024161	49.0 GPM (185.4 LPM)	56.6 GPM (214.1 LPM)	63.2 GPM (239.4 LPM)	69.3 GPM (262.3 LPM)	--	--	--

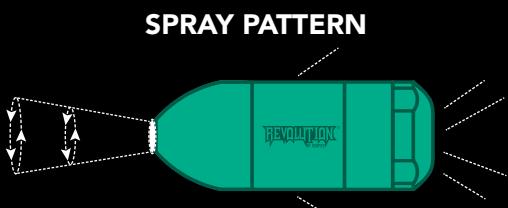
*If you purchased your 1" Reaper prior to March 2024, use Rotor Repair Kit (40.0, 60.0, and 80.0) part number: 20022408



CUT, CLEAR, AND CLEAN

Mainline Sewer Solution

Cut Roots | Blockage Eliminator | FOG Removal



“

"It cut a two-day job to one day. Lines that take three passes only took one pass."

David Feuerstacke
JG Environmental

0-DEGREE straight stream rotates to create a **30-DEGREE** front cone

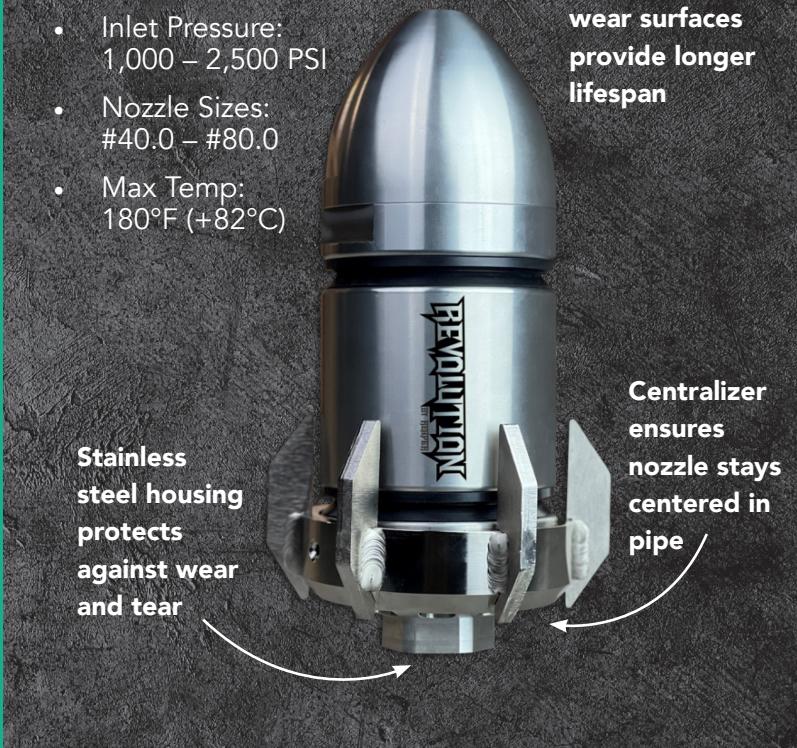


360-DEGREE rotating center with jets with eight **10-DEGREE** back jets

QUICK FACTS

- Flow Rates: 23.0 – 71.2 GPM
- Inlet Pressure: 1,000 – 2,500 PSI
- Nozzle Sizes: #40.0 – #80.0
- Max Temp: 180°F (+82°C)

Tungsten Carbide wear surfaces provide longer lifespan



Centralizer ensures nozzle stays centered in pipe



**REMOVE 3X MORE DEBRIS
ON FIRST PASS****USES 25% LESS WATER****ALL-IN-ONE TOOL****REAPER CUTTING POWER****WHY CHOOSE REVOLUTION?**

- Greater force allows you to cut through blockages faster and clear debris in fewer passes
- Premium stainless steel housing and tungsten carbide wear surfaces increase durability and longevity
- Spray angles optimized for maximum pulling, thrusting, and cleaning power
- Easily shop repairable to extend the life of the nozzle, no fluid maintenance needed

Cut, clear, and clean all-in-one! The front jet cuts through blockages, the rear jets flush debris and propel the nozzle forward, while the dual jets on the 360-degree rotating center work to clean and de-scale pipe walls.

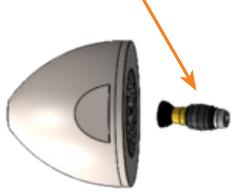
The Revolution was designed with the Reaper's cutting power. Its spray angles are engineered to quickly eliminate the toughest blockages.

REVOLUTION[®]
BY REAPER



KEY FEATURES

Rotor
Cuts and removes blockages



Bearing
Self-lubricating and continuously removes debris



Centralizer
Ensures nozzle stays centered within the pipe



Inlet Connection
1/2" FNPT

Cleaning Sub-Head
Dual laminar jets work to remove and clear debris



Magnet
Used to optimize controlled nozzle rotation



Rear Jets
8 (10-degree) back jets provide greater thrust power



FIND A QUALIFIED
DEALER TO
REQUEST A DEMO!

FRONT ROTOR REPAIR KIT

Part Number: 20022458



CENTRALIZER KIT

Part Number:

20022310



REAR JET REPAIR KIT

Part Numbers:

#40 : 20022477

#60 : 20022478

#80 : 20022479



DOME INLET SCREENS

Part Number: 20022301



10 Pack

SIDE JET REBUILD

Part Number:

20022307



BSPP ADAPTERS (MPT-TO-BSPP)

Part Number:

1": 20026198



Overhaul kits are available to extend the nozzle's life. Scan to watch our how-to video.



FRONT ROTOR BLOCK KIT

Part Number:

20022311



WRENCH KIT

Part Number:

20022312



NOZZLE SIZE	1" NPT NOZZLE PART NUMBER	FLOW RATE CHART			
		@1,000 PSI (69 Bar)	@1,500 PSI (103 Bar)	@2,000 PSI (138 Bar)	@2,500 PSI (172 Bar)
40.0	20022458	23.0 GPM (87.1 LPM)	28.2 GPM (106.7 LPM)	32.5 GPM (123.0 LPM)	36.4 GPM (137.8 LPM)
60.0	20022459	33.0 GPM (124.9 LPM)	40.4 GPM (152.9 LPM)	46.7 GPM (176.8 LPM)	52.2 GPM (197.6 LPM)
80.0	20022460	45.0 GPM (170.3 LPM)	55.1 GPM (208.6 LPM)	63.0 GPM (238.5 LPM)	71.2 GPM (269.5 LPM)



LET'S TALK REVOLUTION
BY REAPER

WATCH TO LEARN MORE



INDUSTRIAL CLEANING



AQUA
ROCKET™

MARKSMAN™



Watch our
Industrial Cleaning
video playlist!



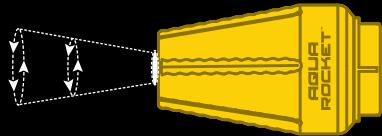
AQUA ROCKET™

DO-IT-ALL CLEANING TOOL

Tackle Any Challenge with Efficiency

Production Facilities | Food Processing Facilities
Heavy Equipment | Car Wash Clean-Ups
Environmental Clean-Ups | Concrete | Livestock Barns
Graffiti Removal | Surface Prep | And so much more!

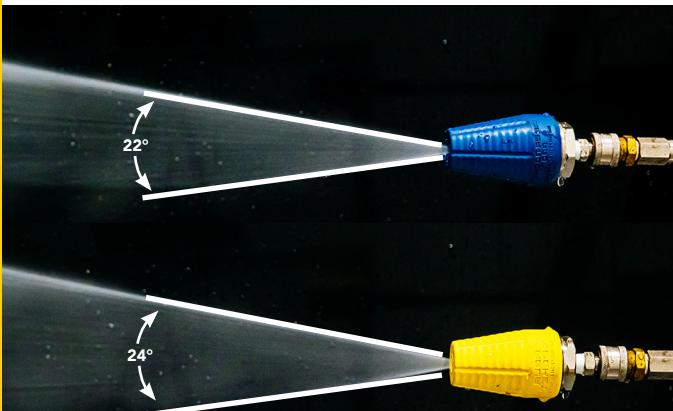
SPRAY PATTERN



“

"After switching... to Aqua-Rocket, our cleaning processes overall completion time dropped by more than 50%. This is huge in our industry... it enables us to repurpose more than 8 hours for other tasks."

**Chadwick Kogelschatz,
Continuous Improvement Manager**
Roskam Baking Company



0-DEGREE straight stream rotates to create a **22- or 24-DEGREE** cone

QUICK FACTS

- Flow Rates: 0.9 – 11.2 GPM
- Inlet Pressure: 750 – 5,600 PSI
- Nozzle Sizes: #2.0 – #10.0

High-temperature,
drop-resistant
rubber cover
protects nozzle



Tungsten Carbide
wear surfaces
provide longer
lifespan

**AQUA
ROCKET**
PRO

**AQUA
ROCKET**



CLEAN SURFACES 42% FASTER



TACKLE MORE JOBS IN A DAY



TAKE ON THE TOUGHEST TASKS



LAST 5X TIMES LONGER



WHY CHOOSE AQUA-ROCKET?

- Clean surfaces faster and complete more jobs in a day
- Longer lifespan than ceramic nozzles
- Premium stainless steel housing and tungsten carbide wear surfaces increase durability and longevity
- Cleaning power allows you to use smaller nozzle sizes while getting the same impact as nozzles with higher GPM
- Drop-resistant cover protects nozzle and lengthens life
- Heat-resistant to offer more versatility on jobs
- Repair kits available for extended life

This powerful cleaning nozzle comes in two options to meet your needs.

Aqua-Rocket is designed for smaller equipment and is available at a lower price point.

Aqua-Rocket Pro is designed for higher pressure equipment and tackles more demanding tasks.

Built with premium materials that last 5X longer than other nozzles to give you a better return on your investment.

AQUA ROCKET™

PRO TIP

Use the Aqua-Rocket in any direction! Thanks to its tungsten carbide nozzle tip, the Aqua-Rocket can start and stop both vertically and horizontally.



KEY FEATURES

★ Protective Rubber Cover
Extra protection from impact



★ Tungsten Carbide Nozzle Tip and Seat
Materials proven to outlast brass nozzles



★ Brass Boot
Smooth rotational surface for consistent nozzle RPM



★ Inlet Connection
1/4" FNPT

★ Inlet Screen
Protects nozzle from contaminants

HOW TO CHOOSE?

**AQUA
ROCKET™**

Flow Rate:
0.9 – 5.2 GPM

PSI Rate:
750 – 3,600 PSI

Maximum Temperature:
150-Degrees

Light – Medium Pressure Washing

**AQUA
ROCKET™
PRO**

Flow Rate:
1.8 – 11.2 GPM

PSI Rate:
1,500 – 5,600 PSI

Maximum Temperature:
212-Degrees

Heavy – Extreme Pressure Washing

DOME INLET SCREENS

10 Pack



Part Number: 20019939

REPAIR KIT



AQUA-ROCKET SELECTION CHART

NOZZLE SIZE	NOZZLE PART NUMBER	REPAIR KIT PART NUMBER	FLOW RATE CHART (GPM)					
			@ 750 PSI	@ 1,000 PSI	@ 1,500 PSI	@ 2,000 PSI	@ 2,500 PSI	@ 3,000 PSI
2.0	20021340	20021357	0.9 GPM (3.4 LPM)	1.0 GPM (3.8 LPM)	1.2 GPM (4.5 LPM)	1.4 GPM (5.3 LPM)	1.6 GPM (6.1 LPM)	1.7 GPM (6.4 LPM)
3.0	20021341	20021358	1.3 GPM (4.9 LPM)	1.5 GPM (5.7 LPM)	1.8 GPM (6.8 LPM)	2.1 GPM (7.9 LPM)	2.4 GPM (9.1 LPM)	2.6 GPM (9.8 LPM)
3.5	20021342	20021359	1.5 GPM (5.7 LPM)	1.8 GPM (6.8 LPM)	2.1 GPM (7.9 LPM)	2.5 GPM (9.5 LPM)	2.8 GPM (10.6 LPM)	3.0 GPM (11.4 LPM)
4.0	20021343	20021360	1.7 GPM (6.4 LPM)	2.0 GPM (7.6 LPM)	2.5 GPM (9.5 LPM)	2.8 GPM (10.6 LPM)	3.2 GPM (12.1 LPM)	3.5 GPM (13.2 LPM)
4.5	20021344	20021361	1.9 GPM (7.2 LPM)	2.3 GPM (8.7 LPM)	2.8 GPM (10.6 LPM)	3.2 GPM (12.1 LPM)	3.6 GPM (13.6 LPM)	3.9 GPM (14.8 LPM)
5.0	20021345	20021362	2.1 GPM (7.9 LPM)	2.5 GPM (9.5 LPM)	3.1 GPM (11.7 LPM)	3.5 GPM (13.2 LPM)	4.4 GPM (16.7 LPM)	4.3 GPM (16.3 LPM)
5.5	20021346	20021363	2.3 GPM (8.7 LPM)	2.8 GPM (10.6 LPM)	3.4 GPM (12.9 LPM)	3.9 GPM (14.8 LPM)	4.4 GPM (16.7 LPM)	4.8 GPM (18.2 LPM)
6.0	20021347	20021365	2.6 GPM (9.8 LPM)	3.0 GPM (11.4 LPM)	3.7 GPM (14.0 LPM)	4.2 GPM (15.9 LPM)	4.7 GPM (17.8 LPM)	5.2 GPM (19.7 LPM)

AQUA-ROCKET PRO SELECTION CHART

NOZZLE SIZE	NOZZLE PART NUMBER	REPAIR KIT PART NUMBER	FLOW RATE CHART (GPM)						
			@ 1,500 PSI	@ 2,000 PSI	@ 2,500 PSI	@ 3,000 PSI	@ 3,500 PSI	@ 4,000 PSI	@ 5,000 PSI
3.0	20021348	20021366	1.8 GPM (6.8 LPM)	2.1 GPM (7.9 LPM)	2.4 GPM (9.1 LPM)	2.6 GPM (9.8 LPM)	2.8 GPM (10.6 LPM)	3.0 GPM (11.4 LPM)	3.4 GPM (12.9 LPM)
3.5	20021349	20021367	2.1 GPM (7.9 LPM)	2.5 GPM (9.5 LPM)	2.8 GPM (10.6 LPM)	3.0 GPM (11.4 LPM)	3.3 GPM (12.5 LPM)	3.5 GPM (13.2 LPM)	3.9 GPM (14.8 LPM)
4.0	20021350	20021368	2.4 GPM (9.1 LPM)	2.8 GPM (10.6 LPM)	3.2 GPM (12.1 LPM)	3.5 GPM (13.2 LPM)	3.7 GPM (14.0 LPM)	4.0 GPM (15.1 LPM)	4.5 GPM (17.0 GPM)
4.5	20021351	20021369	2.8 GPM (10.6 LPM)	3.2 GPM (12.1 LPM)	3.6 GPM (13.6 LPM)	3.9 GPM (14.8 LPM)	4.2 GPM (15.9 LPM)	4.5 GPM (17.0 GPM)	5.0 GPM (18.9 LPM)
5.0	20021352	20021370	3.1 GPM (11.7 LPM)	3.5 GPM (13.2 LPM)	4.0 GPM (15.1 LPM)	4.3 GPM (16.3 LPM)	4.7 GPM (17.8 LPM)	5.0 GPM (18.9 LPM)	5.6 GPM (21.2 LPM)
5.5	20021353	20021371	3.4 GPM (12.9 LPM)	3.9 GPM (14.8 LPM)	4.3 GPM (16.3 LPM)	4.8 GPM (18.2 LPM)	5.1 GPM (19.3 LPM)	5.5 GPM (20.8 LPM)	6.2 GPM (23.5 LPM)
6.0	20021354	20021372	3.7 GPM (14.0 LPM)	4.2 GPM (15.9 LPM)	4.7 GPM (17.8 LPM)	5.2 GPM (19.7 LPM)	5.6 GPM (21.2 LPM)	6.0 GPM (22.7 LPM)	6.7 GPM (25.4 LPM)
8.0	20021355	20021373	4.9 GPM (18.5 LPM)	5.7 GPM (21.6 LPM)	6.3 GPM (23.8 LPM)	6.9 GPM (26.1 LPM)	7.5 GPM (28.4 LPM)	8.0 GPM (30.3 LPM)	8.9 GPM (33.7 LPM)
10.0	20021356	20021374	6.1 GPM (23.1 LPM)	7.1 GPM (26.9 LPM)	7.9 GPM (29.9 LPM)	8.7 GPM (32.9 LPM)	9.4 GPM (35.6 LPM)	10.0 GPM (37.9 LPM)	11.2 GPM (42.4 LPM)



LONG-DISTANCE PRECISION

Offers Incredible Operator Safety

Lift Stations | Manholes | Long-Distance Cleaning

Tanks | Sweeper, Garbage, & Vac Trucks



Static, **0-DEGREE**, solid stream

SPRAY PATTERN



“

"If their goal is to save some time, save some energy, and have a little less risk, I think the Marksman would be a good investment."

Phillip London,
Wastewater Collection Laborer
Columbus City Utilities

QUICK FACTS

- Flow Rates:
4.8 – 17.4 GPM
- Inlet Pressure:
500 – 2,500 PSI
- Nozzle Sizes:
#12.0 – #20.0
- Max Temp:
180°F (+82°C)

Lightweight
and durable
stainless steel
housing



Highly resistant
to wear and tear



OVER 20FT STREAM**USE 21% LESS WATER****TAKE ON SOLIDS & GREASE TO REMOVE BUILD-UPS****REDUCE SAFETY RISKS****WHY CHOOSE MARKSMAN?**

- Precise, accurate stream cleans at long-distances and in hard-to-reach places
- Cleans accurately and effectively up to 20 feet away
- No need for multiple lances to get more distance or lower into confined spaces
- Low-flow design reduces water use and speeds up cleaning

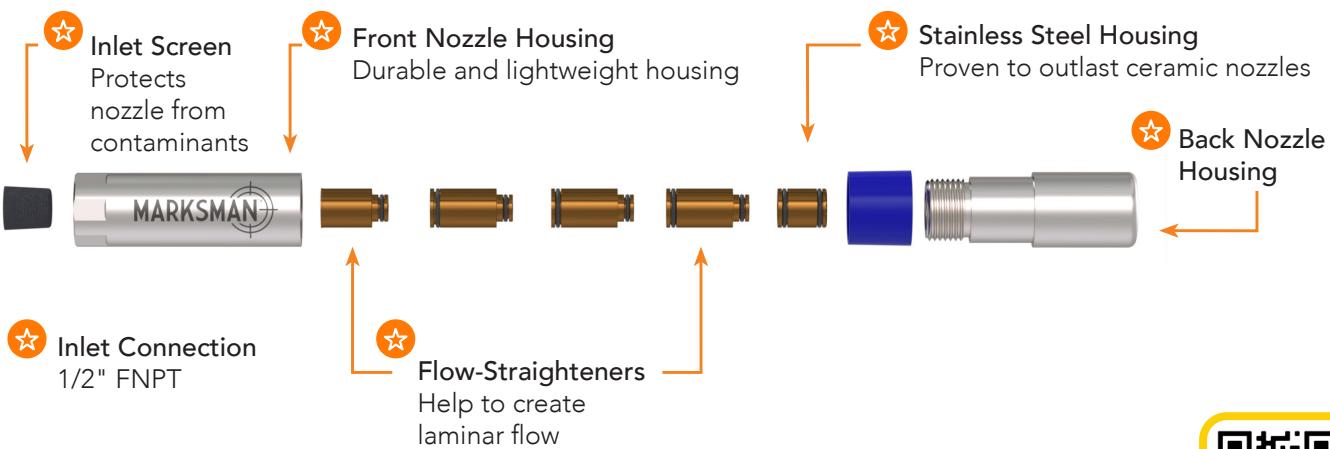
Clean solid and grease build-ups from long distances with the accurate and controlled stream.

Ensures safety while cleaning lift stations and manholes by keeping users out of confined spaces and away from hazardous substances.

**PRO TIP**

Recommend for use with a 6-foot minimum lance equipped with dead-man switch.

Only use threaded connections (rather than quick-connects) to ensure water stream remains stable and intact for long-distance cleaning.

**KEY FEATURES**

CHECK OUT OUR VIDEO LIBRARY!



CHECK OUT THIS VIDEO TO LEARN
MORE ABOUT THE MARKSMAN

DOME INLET SCREENS

10 pack



Part Number: 20022297

**OUTFIT YOUR RIG**

Hydro-Excavation or Municipal-focused demo boxes are available to fully outfit your rig. Email us for more info.

hello@hydraflexinc.com

NOZZLE SIZE	NOZZLE PART NUMBER	FLOW RATE CHART				
		@ 500 PSI (34 bar)	@ 1,000 PSI (70 Bar)	@ 1,500 PSI (103 Bar)	@ 2,000 PSI (138 Bar)	@ 2,500 PSI (172 Bar)
12.0	20022431	4.8 GPM (18.2 LPM)	6.8 GPM (25.7 LPM)	8.3 GPM (31.4 LPM)	9.6 GPM (36.2 LPM)	10.8 GPM (40.9 LPM)
15.0	20022432	5.8 GPM (22.0 LPM)	8.2 GPM (31.0 LPM)	10.0 GPM (37.9 LPM)	11.6 GPM (43.9 LPM)	13.0 GPM (49.2 LPM)
20.0	20022433	7.8 GPM (29.5 LPM)	11.0 GPM (41.6 LPM)	13.5 GPM (51.1 LPM)	15.6 GPM (59.1 LPM)	17.4 GPM (65.9 LPM)

**CLEAN LIFT STATIONS MORE FREQUENTLY
THANKS TO EASE OF USE**



SAFETY GUIDELINES

The use of high-pressure equipment can present significant risks if proper precautions are not exercised prior to and during operation. Adhere to the following instructions and industry best practices to help prevent the risk of serious injury and/or death:

- **Risk Assessment:** Installers/operators are responsible for conducting job-specific risk assessment. Risk assessments need to consider material or substances hazards such as aerosols, biological and microbiological (viral or bacterial agents), combustible materials, dusts, explosion, fibers, flammable substances, fluids, fumes, gases, mists, and oxidizing agents.
- **Pressure Limits:** Do not exceed the maximum operating pressure (reference product pages for maximum operating pressure).
- **Access Control:** Untrained individuals must stay away from the work area.
- **Equipment Inspection:** Examine equipment for signs of deterioration, damage, or incorrect assembly. Do not operate damaged equipment until repaired or replaced.
- **Connections:** Ensure all threaded connections are secure and leak-free.
- **De-energize:** Always de-energize the system before servicing or replacing parts. Failure to do so could lead to severe injury and/or death.

SITE SAFETY CHECK

- Conduct a job-specific risk assessment and follow site-specific safety procedures.
- Define work zones and post warning signs as needed.
- Remove unnecessary objects from the work area (i.e., loose parts, hoses, tools, etc.).
- Use appropriate Personal Protective Equipment (PPE).
- Ensure all air and water hoses are properly connected and secure.
- Inspect high-pressure threaded connections prior to use and ensure they are secure (do not use damaged equipment). Only high-pressure hoses designed for high-pressure applications should be utilized.
- Do not connect, disconnect, or tighten components (i.e. hoses, accessories, adapters, ect.) with the pump running.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

PPE requirements depend on water pressure and application. Perform a job-specific risk assessment to determine PPE needs. For more information, refer to industry best practices.

Typical PPE may include:

- Eye protection (glasses, goggles, visor)
- Foot protection (steel-toe, waterproof, non-slip boots)
- Hand protection (gloves)
- Ear protection (ear plugs or muffs for a minimum of 85 dBA)
- Head protection (hard hat with face and ear protection)
- Body protection (multi-layer waterproof clothing, high-vis clothing)
- Hose protection (hose shroud)
- Respiratory protection (depending on application)

Hydra-Flex designs nozzles with safety and potential hazards in mind, incorporating safety mechanisms where feasible to mitigate risks. However, the company is not responsible for any misuse of the equipment.





DID YOU KNOW?

All Hydra-Flex nozzles come with a 90-day warranty.

90-DAY WARRANTY PROGRAM

OVERVIEW

Hydra-Flex products are quality tested prior to shipping to ensure proper operation, rotation, and spray pattern. All products carry a 90-day warranty, covering manufacturing defects, that starts the day the product is shipped.

POLICY

Hydra-Flex products are warrantied to be free from defects in materials and workmanship under normal use and service. "Normal use and service" means operated within recommended pressures, temperatures, and only handling compatible fluids. This warranty does not apply to any accessory repaired or altered to affect the performance or reliability of the product.

The warranty does not apply to:

- Freight damage
- Freezing damage
- Damage caused by parts or accessories not obtained from or approved by Hydra-Flex
- Damage from misuse and/or misapplication
- Damage due to poor water quality
- Normal wear of moving parts, components affected by moving parts, or surfaces meant to wear

The warranty period is 90 days from the date the product is shipped from Hydra-Flex. The manufacturer's warranty liability is limited to the repair or replacement of that product, to be determined by Hydra-Flex, if our investigation determines the product was defective when shipped. This warranty is in lieu of all other warranties, expressed or implied, including any warranty of merchantability and/or any other obligations or liabilities on the part of Hydra-Flex.

To inquire about the policy or to file a request for investigation, please email us at hello@hydraflexinc.com or contact your direct sales representative to determine next steps. A return merchandise authorization number must be granted for units to be returned for replacement or repair.



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