

ROTATING NOZZLE



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



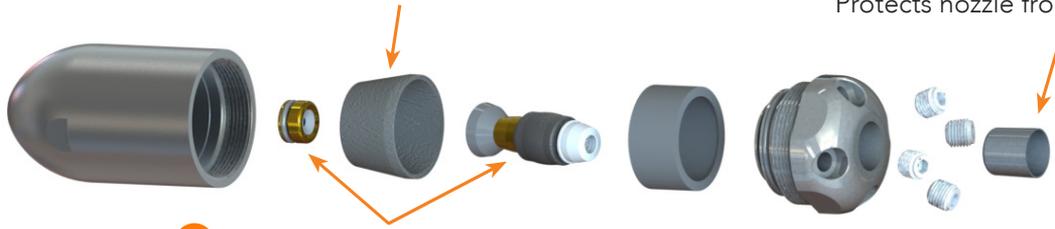
Rubber Boot

Provides a smooth rotational surface



Inlet Screen

Protects nozzle from contaminants



Tungsten Carbide Nozzle Tip and Seat

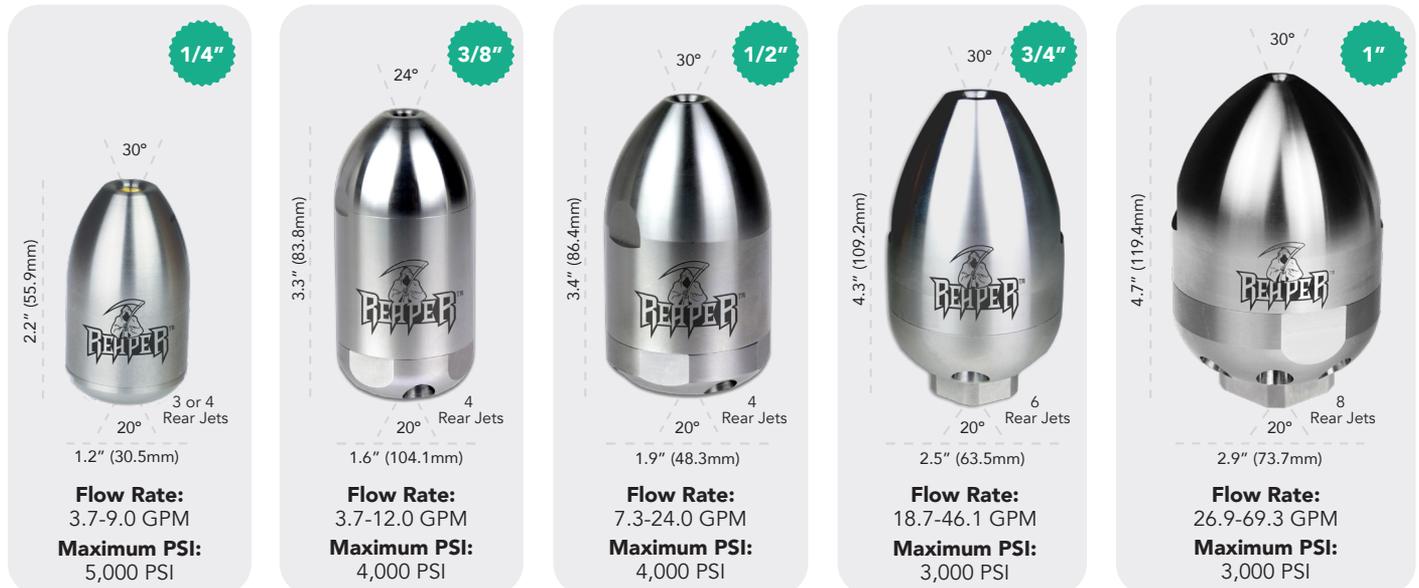
Materials proven to outlast ceramic nozzles



Maximum Temperature

180°F (+82°C)

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

3/8" : 20022296

1/2" : 20022297

3/4" : 20024703

1" : 20022301

10 Pack



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						
					@1,500 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 (276 Bar)	@5,000 PSI (344 Bar)
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