

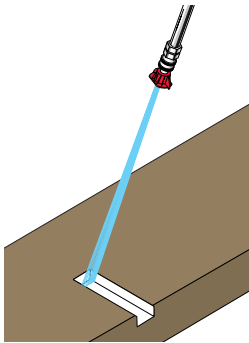
Nozzle Size Selection Chart

Determine the nozzle size by the pressure washer's GPM @ PSI (gallons per minute @ a specific pounds per square inch). If the nozzle size is too small, your equipment can be damaged. If the nozzle size is too large, cleaning ability is compromised. Nozzle fan degree does not effect nozzle size selection.

Standard Nozzle Size	Gallons Per Minute (GPM)	Pounds Per Square Inch (PSI)												
		300	500	700	1000	1200	1500	2000	2500	3000	3500	4000	4500	5000
2		0.5	0.7	0.8	1.0	1.1	1.2	1.4	1.6	1.7	1.9	2.0	2.1	2.2
2.5		0.7	0.9	1.0	1.3	1.5	1.6	1.8	2.0	2.2	2.3	2.5	2.7	2.8
3		0.8	1.1	1.3	1.5	1.6	1.8	2.1	2.4	2.6	2.8	3.0	3.2	3.4
3.5		1.0	1.2	1.5	1.8	1.9	2.1	2.5	2.8	3.0	3.3	3.5	3.7	3.9
4		1.1	1.4	1.7	2.0	2.2	2.4	2.8	3.2	3.5	3.7	4.0	4.2	4.5
4.5		1.2	1.6	1.9	2.3	2.5	2.8	3.2	3.6	3.9	4.2	4.5	4.8	5.0
5		1.4	1.8	2.1	2.5	2.7	3.1	3.5	4.0	4.3	4.7	5.0	5.3	5.6
5.5		1.5	1.9	2.3	2.8	3.0	3.4	3.9	4.3	4.8	5.1	5.5	5.8	6.1
6		1.6	2.1	2.5	3.0	3.3	3.7	4.2	4.7	5.2	5.6	6.0	6.4	6.7
6.5		1.8	2.3	2.7	3.3	3.6	4.0	4.6	5.1	5.6	6.1	6.5	6.9	7.3
7		1.9	2.5	2.9	3.5	3.8	4.3	4.9	5.5	6.1	6.5	7.0	7.4	7.8
7.5		2.1	2.7	3.1	3.8	4.1	4.6	5.3	5.9	6.5	7.0	7.5	8.0	8.4
8		2.2	2.8	3.3	4.0	4.4	4.9	5.7	6.3	6.9	7.5	8.0	8.5	8.9
8.5		2.3	3.0	3.6	4.3	4.7	5.2	6.0	6.7	7.4	8.0	8.5	9.0	9.5
9		2.5	3.2	3.8	4.5	4.9	5.5	6.4	7.1	7.8	8.4	9.0	9.5	10.1
9.5		2.6	3.4	4.0	4.8	5.2	5.8	6.7	7.5	8.2	8.9	9.5	10.1	10.6
10		2.7	3.5	4.2	5.0	5.5	6.1	7.1	7.9	8.7	9.4	10.0	10.6	11.2
12		3.3	4.2	5.0	6.0	6.6	7.3	8.5	9.5	10.4	11.2	12.0	12.7	13.4
13		3.6	4.6	5.4	6.5	7.1	8.0	9.2	10.3	11.3	12.2	13.0	13.8	14.5
14		3.8	4.9	5.9	7.0	7.7	8.6	9.9	11.1	12.1	13.1	14.0	14.8	15.7
15		4.1	5.3	6.3	7.5	8.2	9.2	10.6	11.9	13.0	14.0	15.0	15.9	16.8

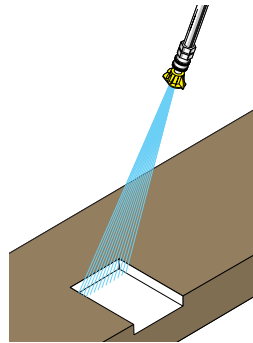
Nozzle Fan Selection

Select the nozzle degree, or spray angle, based on your application. Standard nozzle degrees – 0°, 15°, 25°, and 40°. Using the wrong nozzle degree can damage the surface you are cleaning.



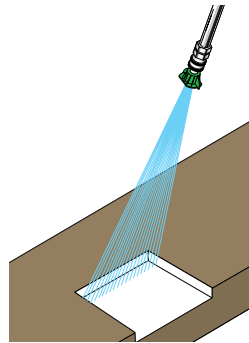
0° – Red:

Cutting nozzle. It delivers a concentrated stream that can gouge or cut. It can cut stubborn stains from concrete and other hard surfaces.



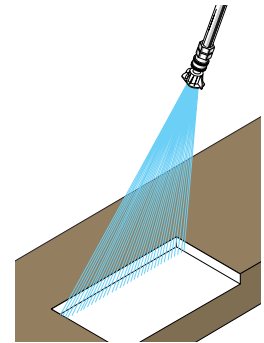
15° – Yellow:

Chiseling nozzle. Working at a 45° angle, this nozzle works like a scraper, stripping paint, grease and grime from hard surfaces.



25° – Green:

Flushing nozzle. The most commonly used nozzle for cleaning dirt from siding, sidewalks and metal furniture as well as for wet sweeping leaves.



40° – White:

Wash nozzle. Its wide spray allows you to wash and rinse a large area fast. It is usually safe with most surfaces, including aluminum siding, windows and vehicles.

GP Packaged Spray Nozzles for LANDA



- Set of 4 QC Nozzles

Nozzle Sets, contain a complete set of 4 quick coupler nozzles 0°, 15°, 25°, and 40° prepackaged and ready to go.

Orifice	PSI	Part No.	Orifice	PSI	Part No.
3.0	5000	4-0003	5.0	5000	4-0005
3.5	5000	4-0035	5.5	5000	4-0055
4.0	5000	4-0004	6.0	5000	4-0006
4.5	5000	4-0045	7.0	5000	4-0007

GP Spray Nozzles



QC Nozzle

“QC” or Quick Connect Hardened Stainless Steel Nozzle, fits most 1/4" quick couplers. Rated for 5000 psi.

To order correct nozzle size, use the following part numbering key.				Fan Sizes Available
example: 4-12804025	4-128 prefix	040 orifice size (4.0)	25 fan size (25°)	0°, 15°, 25° and 40° see chart on page 41 for orifice size



1/8" Nozzle

1/8" male pipe thread nozzles, rated up to 5000 psi. Hardened stainless steel nozzle insert insures consistent, accurate orifice size.

To order correct nozzle size, use the following part numbering key.				Fan Sizes Available
example: 4-01810015	4-018 prefix	100 orifice size (10.0)	15 fan size (15°)	0°, 15°, 25° and 40° see chart on page 41 for orifice size



1/4" Nozzle

1/4" male pipe thread nozzles, rated up to 5000 psi. Hardened stainless steel nozzle insert insures consistent, accurate orifice size.

To order correct nozzle size, use the following part numbering key.				Fan Sizes Available
example: 4-01407500	4-014 prefix	075 orifice size (7.5)	00 fan size (0°)	0°, 15°, 25° and 40° see chart on page 41 for orifice size

Spraying Systems Nozzles



QC Nozzle

“QC” or Quick Connect Hardened Stainless Nozzle, fits most 1/4" quick couplers. Rated for 4000 psi.

To order correct nozzle size, use the following part numbering key.					Fan Sizes Available
example: 4-12802040S	4-128 prefix	020 orifice size (2.0)	40 fan size (40°)	S suffix	0°, 15°, 25° and 40° see chart on page 41 for orifice size



1/8" Nozzle

1/8" male pipe thread nozzles, rated up to 4000 psi. Hardened stainless steel nozzle insures consistent, accurate orifice size.

To order correct nozzle size, use the following part numbering key.					Fan Sizes Available
example: 4-01803515S	4-018 prefix	035 orifice size (3.5)	15 fan size (15°)	S suffix	0°, 15°, 25° and 40° see chart on page 41 for orifice size



1/4" Nozzle

1/4" male pipe thread nozzles, rated up to 4000 psi. Hardened stainless steel nozzle insures consistent, accurate orifice size.

To order correct nozzle size, use the following part numbering key.					Fan Sizes Available
example: 4-01403025S	4-014 prefix	030 orifice size (3.0)	25 fan size (25°)	S suffix	0°, 15°, 25° and 40° see chart on page 41 for orifice size

Soap Nozzles



4-16540

Soap Nozzles, are brass with a large #40 orifice and 65° spray angle, either QC or 1/8" - 1/4" threaded nozzle. Ideal for low pressure chemical applications

Orifice	Spray Angle	Part No.
40	65°, 1/4" Thread	4-0146540S
40	65°, 1/8" Thread	4-06540

Orifice	Spray Angle	Part No.
40	65°, QC Nozzle	4-16540



4-06540

LandaJet Rotating Nozzle



- 0° impact, 25° coverage
- No gears or teeth to break
- Precision ceramic orifice



- 0° impact, 25° coverage
- No gears or teeth to break
- Precision ceramic orifice



2-99071

2-990712

- Increases Turbo Nozzle life
- 5000 psi
- 8 GPM
- 200°F

Rated at 3000 psi, 190°F, the LandaJet nozzle provides durability at an affordable price.



Orifice	PSI	Part No.
035	3000	4-2020
	Repair Kit	89-0204107330
040	3000	4-2021
	Repair Kit	89-0204107340
045	3000	4-2022
	Repair Kit	89-0204107350

Orifice	PSI	Part No.
050	3000	4-2023
	Repair Kit	89-0204107360
055	3000	4-2024
	Repair Kit	89-0204107370
060	3000	4-2025
	Repair Kit	89-0204107380

Rated at 5000 psi, 190°F, this model provides value and pressure power.



Orifice	PSI	Part No.
040	5000	4-2030
	Repair Kit	89-0204106910
045	5000	4-2031
	Repair Kit	89-0204106915
050	5000	4-2032
	Repair Kit	89-0204106920
055	5000	4-2033
	Repair Kit	89-0204106925

Orifice	PSI	Part No.
060	5000	4-2034
	Repair Kit	89-0204106930
070	5000	4-2035
	Repair Kit	89-0204106940
080	5000	4-2036
	Repair Kit	89-0204106950
120	5000	4-2037
	Repair Kit	89-0204106990

Description	Part No.
Filter, High Pressure 1/4" FPT x 1/4" MPT	2-99071

Description	Part No.
Filter, High Pressure w/ Quick Coupler	2-990712

General RotoMax & Viper Rotating Nozzles



- 176°F maximum temperature
- Replaceable stainless steel orifice
- 1/4" FPT inlet
- 3500 psi or 5000 psi

RotoMax nozzle up to 3500 psi, plus unique feature that stops rotation with twist of the nozzle.

GPM	PSI	Color	Part No.
2.1-2.6	3500	Red	4-2014
2.9-4.0	3500	Blue	4-2013

GPM	PSI	Color	Part No.
4.2-5.5	3500	Black	4-2012
		Repair Kit	1-190040

Viper nozzle good up to 5,000 psi.

Size	PSI	GPM	Part No.
4.5	5000	3.5	4-2018

Size	PSI	GPM	Part No.
5.5	5000	5.5	4-2017

Dirt Killer Rotating Nozzle



4-20091

- 180°F maximum temperature
- 1/4" inlet

4700 maximum psi, popular model that provides great impact and cleaning power.

Orifice	PSI	Part No.
045	3200	4-20091
	Repair Kit	4-200910

Orifice	PSI	Part No.
055	4700	4-20092
	Repair Kit	4-200920

Variable Fan Nozzle



- 2500 psi
- 1/4" inlet FPT
- 200°F max

2500 maximum psi, this nozzle easily adjusts from 0° to 80° fan size with a simple twist of the nozzle head.

Orifice	PSI	Part No.
045	2500	4-19245
050	2500	4-19250

Orifice	PSI	Part No.
060	2500	4-19260
070	2500	4-19270
Repair Kit		4-19000

Variable Fan Nozzle—Hi/Lo



- 200°F max
- 2500 psi
- Low pressure soap injection

All the features of the variable fan nozzle; plus, with a pull, nozzle lowers pressure for chemical application.

Orifice	PSI	Part No.
045	2500	4-19345
050	2500	4-19350

Orifice	PSI	Part No.
060	2500	4-19360
070	2500	4-19370
Repair Kit		4-19001

Steam Nozzle



- Machined brass
- Must be drilled out to proper specifications
- 3/8" MPT

LANDA Steam Nozzle, works well with any brand of wet steam cleaner. Orifice must be drilled out before use.

Description	Part No.
Round Steam Nozzle	4-2000

LANDA Sand Nozzle



- Carbide insert
- Light weight
- Easily changed

Tungsten Carbide provides maximum durability for sand blasting application.

Description	Part No.
Carbide Sand Nozzle	4-2002

Tube Cleaning Nozzles



- Standard sewer nozzle
- Blast forward and back
- Clears clogs and flushes out lines
- 4200 psi

Orifice	Size	Part No.
045	1/4" FPT, Standard	4-019101
055	1/4" FPT, Standard	4-019111
060	1/4" FPT, Standard	4-01913
075	1/4" FPT, Standard	4-01914
045	1/8" FPT, Standard	4-01915
055	1/8" FPT, Standard	4-01916



- Rotating sewer nozzle
- Adds extra agitation
- 3000 psi

Orifice	Size	Part No.
055	1/8" FPT, SS Rotating	4-01917
055	1/4" FPT, SS Rotating	4-01918
080	1/4" FPT, SS Rotating	4-01919