



Air Nozzles (Air Amplifying Nozzles) For Blow-Off and Blow Gun Applications

Nex Flow air nozzles (air amplifying nozzles) are designed to fit into small spaces. We have an adjustable nozzle for some applications and then a few different nozzles with varying force, depending on the application.

Model 47001 – is a small brass air nozzle (air amplifying nozzle) to fit into small spots and used by many machine builders for blow-off applications.

Model 47002 – is the small Model 47001 brass air nozzle (air amplifying nozzle) added to a copper tube. Machine builders can bend the copper tube and aim the nozzles to where ever it suits. The copper tube is simply press fit into the customer's system.

Model 47003 – This is a common standard strength air nozzle (air amplifying nozzle) with a 1/8" male NPT connection and ideal for most blow-off applications involving liquids. It is made of aluminum and is partially anodized for longer life. The coanda profile is made for excellent noise reduction and blow-off force at a good distance.

Model 47004 – This is another common but stronger force air nozzle (air amplifying nozzle) with a 1/4" male NPT connection and ideal for most blow-off applications involving liquids and even light weight parts. It is made of aluminum and is partially anodized for longer life. Again the coanda profile is made for excellent noise reduction and blow-off force at a good distance.

Model 47009 – This is similar to the 47002 except it is made adjustable. The Superior design of the adjustable set screw is made to adjust the nozzle within its weakest and strongest ranges.

Model 47010 – This air nozzle (air amplifying nozzle) is a unique design by Nex Flow and is extremely powerful and one of the strongest nozzles on the market today. It has a 1/4" female NPT fitting and is fully anodized for long life. With the coanda profile you get an extremely strong force at a distance. This is an ideal nozzle for blow guns and for blowing small parts for part ejection as well for stronger blow-off of liquids if required, especially heavier viscosity liquids.

**APPLIED SPRAY TECHNOLOGY
385 FAIRWAY RD. S., SUITE 4A-225
KITCHENER, ONTARIO N2C 2N9
PH: 519-896-2200 FX: 519-896-2201
WEB: <http://www.tankwasher.com>**

Models



Model 47001



Model 47002



Model 47003



Model 47004



Model 47009



Model 47010

Performance

Model		Air Consumption @ 80 psig	Force in ounces	Force in Grams
47001	Brass Mini-Nozzle with 10/32 fitting or metric equivalent	6.0	5.0	142
47002	Brass Mini-Nozzle with copper tube - male	6.0	5.0	142
47003	Standard Aluminum 1/8" NPT male fitting	11.2	8.0	227
47004	Extra Strong Aluminum 1/4" NPT male fitting	24.0	21.0	596
47009	Adjustable Aluminum nozzle with 1/8" male NPT fitting - can be	Maximum 24.0	Maximum 23.0	653
	set to minimum and maximum with set screw	Minimum 13.0	Minimum 13.0	369
47010	X-stream Strong Force nozzle with 1/4" female NPT fitting	21.2	24.5	695

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