

# Pressure Compensating Needle Spray Faucet Aerator



Our Niagara Conservation branded Pressure Compensated Needle Spray Aerators are an innovative water-saving solution designed to accommodate both male and female applications. These faucet aerators save water and energy by producing forceful streams at a reduced flow rate that minimizes the amount of energy needed to heat hot water.

## Features

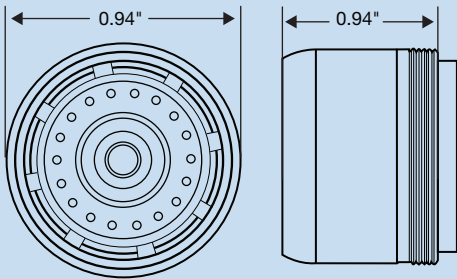
- All brass chrome plated dual threaded body
- Fits most male and female threaded faucets, Male: 15/16-27, Female: 55/64-27
- Pressure compensating technology guarantees a consistent flow rate across a wide range of pressure
- Needle Spray
- 10 year warranty\*\*

## Certification and Performance Requirements

- ASME A112.18.1 / CSA B125.1; ANSI/NSF 61



## Dimensions



\*Dimensions are subject to change

Model #	Spray	Finish	Flow Rate	Watersense	Case Qty
N3205N-PC	Needle	Chrome	0.5 GPM	No	500
N3210N-PC*	Needle	Chrome	1.0 GPM	Yes	500
N3215N-PC*	Needle	Chrome	1.5 GPM	Yes	500

Only items marked with a \* are Watersense Labeled

## Potential Annual Savings<sup>1</sup>

	Flow Rate	Water	Electric Heating	Gas Heating
<b>Dollar Savings</b>	0.5 GPM	\$124	\$107	\$52
<b>Utility Savings</b>	0.5 GPM	14,892	842 kWh	46 Therms
<b>Dollar Savings</b>	1.0 GPM	\$104	\$67	\$37
<b>Utility Savings</b>	1.0 GPM	10,512 Gallons	594 kWh	33 Therms
<b>Dollar Savings</b>	1.5 GPM	\$51	\$39	\$21
<b>Utility Savings</b>	1.5 GPM	6,132 Gallons	347 kWh	19 Therms

<sup>1</sup>Factors in calculating savings potential:

- 3-person households each person using a faucet 8 minutes per day, 365 days per year (AWWARF Residential Study)
- Comparing water use with these aerator vs. a standard 2.2 GPM unit
- US city average water and sewer cost of \$8.3 per 1,000 gallons (study done by NUS Consulting Group 2011)

- Average cost of electricity 0.113¢ per kWh (Energy Star Nov. 2013 Lightbulb Calculator — [http://www.energystar.gov/?c=cfls\\_pr\\_cfls\\_savings](http://www.energystar.gov/?c=cfls_pr_cfls_savings))
- Average cost of gas \$1.137 per therm (Bureau of Labor Statistics April 2014)
- Calculations done by <http://www.fishnick.com/savewater/tools/watercalculator>

## \*\*WARRANTY DETAILS

AM Conservation Group, Inc. guarantees to the original purchaser or recipient of an aerator that it is free from defects in material and workmanship for a period of 10 years. AM Conservation Group, Inc. will at our choice replace any part of the aerator which is in our opinion defective provided that the product has not been abused, misused, altered, or damaged after its purchase. This includes damage due to the use of tools or harsh chemicals. In the event a product has been discontinued, AM Conservation Group, Inc. will replace it with what we determine to be the closest product. AM Conservation Group, Inc. is not responsible for labor charges, installation, or other consequential cost. AM Conservation Group, Inc.'s responsibility shall not exceed the original cost of the product.

