

RA-20 Rotary Atomizer Cups



RA-20 atomizing cups provide operating flexibility and paint savings for a wide range of finishing applications.



Patented Nordson RA-20 atomizing cups are available in several sizes and styles to optimize atomizer performance based on coating type, part profile and finish requirements.

Constructed of durable composite materials, RA-20 atomizing cups will not chip, crack or lose their shape under normal use. When used with RA-20 and RA-20R rotary atomizer systems, you benefit from excellent finish quality while minimizing paint waste.

Choice of atomizing cup styles.

Three edge styles deliver performance benefits for specific types of coatings:

Finned cup

This cup style delivers excellent atomization and finish quality across the widest range of paints and coatings.

Smooth cup

This cup style is a more suitable choice for thicker coatings such as emulsions and most water-reducible coatings.

MicroFin™ cup

The MicroFin cup typically provides finer atomization for higher viscosity coatings.



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Choice of RA-20 cup sizes.

2-inch diameter

The two-inch cup is the most versatile cup in the line. The finned-cup version is shipped standard with RA-20 and RA-20R rotary atomizers.

- available in finned, MicrFin and smooth-cup versions
- rotational speed up to 45,000 rpm continuous operation
- efficiently atomizes a wide variety of coatings
- adjustable pattern size

2-1/2 inch diameter

This cup accommodates high viscosity paints and high flow rates:

- available in finned, MicroFin and smooth-cup versions.
- rotational speed up to 40,000 rpm continuous operation.
- most efficient for high flow-rate applications
- excellent option for large parts and/or large spray zones

1-1/2 inch diameter

This cup accommodates low-viscosity paints and low flow rates:

- available in finned and smooth-cup versions
- rotational speed up to 50,000 rpm continuous operation
- small pattern size
- excellent option for low flow-rate applications

Choice of fluid distributors.

A standard distributor, which provides excellent performance for most paints, is recommended for use with all cup sizes and styles. An emulsion distributor is available for use with waterborne emulsion materials.

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Why choose Nordson

In highly competitive manufacturing markets, productivity is vital and performance is essential. That's why we apply both to everything we do, whether it's our products, expertise or outstanding customer service. We'll always be there to help maintain the new standards you've set, with expert service and support delivered through our teams working across the globe.

This unique Nordson approach helps you reach new levels of production, while working more accurately, efficiently and competitively than ever. Precisely why manufacturers who demand quality, can rely on Nordson.

Nordson Industrial Coating Systems

100 Nordson Drive
Amherst, OH, 44001
USA

Phone: +1.440.985.4000
www.nordson.com/ics



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