

A3000



ACCELERATOR


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 A3000


water application solutions for center pivot irrigation



— Universal Flo 3000 Series Pressure Regulator for optimal sprinkler performance with new extended flow range

— Square Thread for quick change

— 3TN Nozzle

— Accelerator Body

— Accelerator Plate

— Accelerator Cap Assembly

IMPORTANT! If your system is designed with Nelson sprinklers, use Nelson Pressure Regulators. Individual manufacturers' pressure regulator performance varies. Interchanging could result in inaccurate nozzle selection.

NELSON'S A3000 ACCELERATOR PIVOT SPRINKLER

The A3000 Accelerator maximizes performance of in-canopy water application. Designed as a hybrid of Rotator® and Spinner technology, the Accelerator increases rotation speed through the nozzle range.

FEATURES & BENEFITS:

WIDER THROW DISTANCE THAN SPRAYS AT LOW PRESSURE – 10 PSI. As a rotating type sprinkler the A3000 produces a wider pattern resulting in a lower application rate, reduced runoff and longer soak time than conventional sprays.

IMPROVED WATER PENETRATION IN-CANOPY. Designed with corn in mind, when mounting in-canopy, the A3000's moving streams penetrate through the foliage for better coverage than conventional sprays.

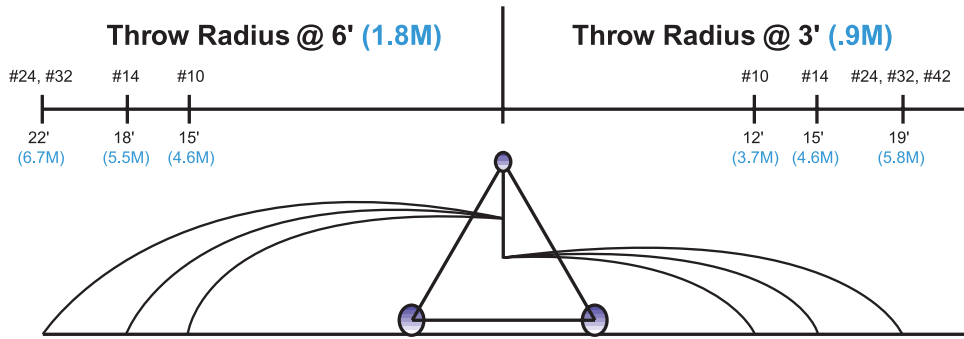
COLOR-CODED NOZZLES. The 3TN Nozzle system is at the center of the 3000 Series Pivot Product line with easy-to-identify, wear-resistant, precision-accurate nozzles. The quick-change adapter allows you to remove the Accelerator for easy cleaning of a plugged nozzle — without tools and without shutting down the system. It's a snap to change nozzles in mid-season.



VERSATILE MODULAR DESIGN. Because no one sprinkler is right for all conditions, the 3000 Series features modular design components which are easily changed with a simple push and turn. You may want to start out the season with one configuration and change to a different one later.

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SAVE WATER, SAVE ENERGY AND
DO A BETTER JOB OF IRRIGATING

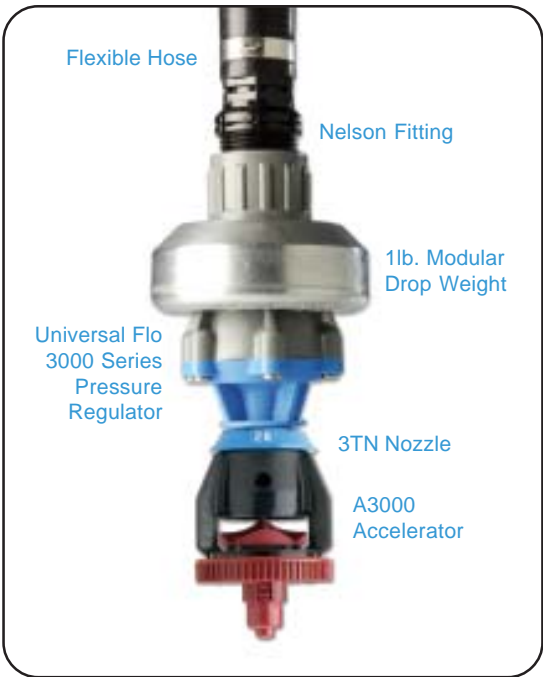
> A3000 ACCELERATOR PERFORMANCE*



SPRINKLER & PLATE TYPE	DESCRIPTION	PRESSURE RANGE	NOZZLE RANGE	THROW RADIUS DATA** @ 10 PSI (NO-WIND TESTS)		
				NOZZLE SIZE	6' (1.8M) MOUNTING HT.	3' (.9M) MOUNTING HT.
 MAROON PLATE	 FOR DROP TUBE APPLICATIONS	10-15 PSI .7-1.0 BAR	3TN #10-42	# 10	15' (4.6M)	12' (3.7M)
				# 14	18' (5.5M)	15' (4.6M)
				# 24	22' (6.7M)	19' (5.8M)
				# 32	22' (6.7M)	19' (5.8M)
				# 42	20' (6.1M)	19' (5.8M)

*Careful selection of pressure and sprinkler configuration must be taken into account to optimize droplet size.

**Throw Distance Varies with Pressure, Nozzle Size, Mounting Height and Hydraulic Conditions.



NO SPECIAL MOUNTING ASSEMBLY REQUIRED because the A3000 Accelerator operates without vibration. Retrofit on rigid, semi-rigid, or flexible drop hose assemblies.

WARRANTY AND DISCLAIMER: Nelson A3000 Accelerators are warranted for one year from date of original sale to be free of defective materials and workmanship when used within the working specifications for which the products were designed and under normal use and service. The manufacturer assumes no responsibility for installation, removal or unauthorized repair of defective parts. The manufacturer's liability under this warranty is limited solely to replacement or repair of defective parts and the manufacturer will not be liable for any crop or other consequential damages resulting from defects or breach of warranty. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES AND OF ALL OTHER OBLIGATIONS OR LIABILITIES OF MANUFACTURER. No agent, employee or representative of the manufacturer has authority to waive, alter or add to the provisions of this warranty, nor to make any representations or warranty not contained herein.

This product may be covered by one or more of the following U.S. Patent Nos. 4796811, RE33823, DES312865, 5415348, 5409168 and other U.S. Patents pending or corresponding issued or pending foreign patents.



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