



WATER APPLICATION SOLUTIONS FOR CENTER PIVOT IRRIGATION

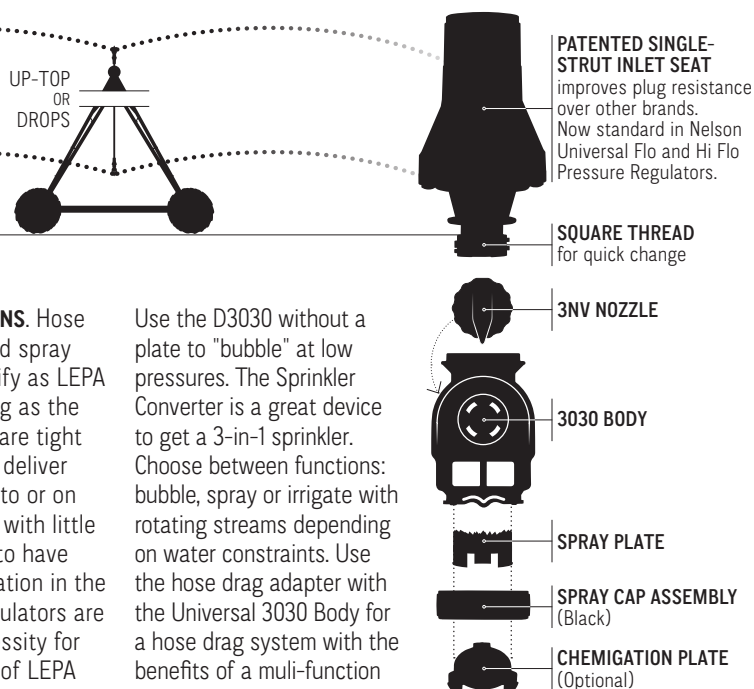


D3030 SPRAYHEAD

THE PIVOT SPRAYHEAD IS A FIXED SPRAY DESIGNED WITH FUTURE NEEDS IN MIND. AS IRRIGATION REQUIREMENTS CHANGE THROUGHOUT THE SEASON, THE D3030 FEATURES A FLIP-OVER CAP TO CHANGE SPRAY PATTERNS. THE D3030 IS EASILY CONVERTIBLE TO LEPA OR OTHER 3030 SERIES SPRINKLERS.



AVAILABLE WITH THE TRADITIONAL 3TN NOZZLE/3000 SERIES BODY.



FEATURES & BENEFITS

GERMINATE, IRRIGATE & CHEMIGATE. The flip-over dual spray cap allows easy conversion of the spray pattern. Choose from spray plate options to germinate, irrigate and chemigate.

COLOR-CODED NOZZLES. The 3NV Nozzle system is at the center of the 3030 Series Pivot Product line with easy-to-identify, wear-resistant, precision-accurate nozzles. This innovative dial-nozzle combines multiple functions so you can "micro-manage" your system. PRESS, SPIN, CLICK between "on", "off", "flush" and "line flush" functions.

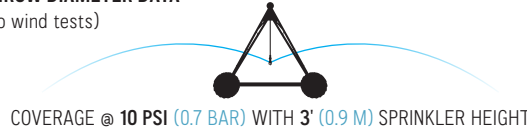
LEPA APPLICATIONS. Hose drag, bubbler and spray technology qualify as LEPA and LESA so long as the outlet spacings are tight and the devices deliver water very near to or on the soil surface, with little energy in order to have very low evaporation in the air. Pressure regulators are generally a necessity for good uniformity of LEPA nozzle discharge.

Use the D3030 without a plate to "bubble" at low pressures. The Sprinkler Converter is a great device to get a 3-in-1 sprinkler. Choose between functions: bubble, spray or irrigate depending on water constraints. Use the hose drag adapter with the Universal 3030 Body for a hose drag system with the benefits of a multi-function nozzle.

D3030 SPRAYHEAD PERFORMANCE

PERFORMANCE RANGE
6-40 PSI
(0.4-2.8 bar)

THROW DIAMETER DATA
(no wind tests)



RED CHEMIGATION PLATE — For use in insect wash applications on corn when mounted at a drop height under the canopy. 57° concave-smooth.



WHITE GERMINATION/CHEMIGATION PLATE — For use on cotton. 15-30° multi-trajectory.



TRAJECTORY	GROOVE	PLATE	3NV NOZZLE			TYPE OF WATER APPLICATION	WIND RESISTANCE	
			#24 FLOWRATE: 3.16 GPM 11.94 LPM DIAMETER:	#36 FLOWRATE: 7.06 GPM 26.72 LPM DIAMETER:	#44 FLOWRATE: 10.75 GPM 40.69 LPM DIAMETER:			
	DESCRIPTION	NO.						
FLAT	SMOOTH	0	TURQUOISE 	19' 5.8 M	25' 7.6 M	Not designed to be operated above a *40 3NV Nozzle	GERMINATION Limited throw; susceptible to wind drift.	POOR
CONCAVE	FINE	30	GREEN 	24' 7.3 M	28' 8.5 M		GERMINATION/IRRIGATION For plant emergence. Irrigation on sensitive crops and soils.	POOR
FLAT	FINE	30	YELLOW 	22' 6.7 M	24' 7.3 M		IRRIGATION For irrigation on sensitive crops and soils.	FAIR
CONVEX	FINE	30	PURPLE 	16' 4.9 M	18' 5.5 M		IRRIGATION Fights the wind when mounted on a drop, but has limited throw distance.	FAIR
CONCAVE	MEDIUM	36	BLUE 	28' 5.8 M	34' 10.4 M		IRRIGATION Improved throw distance and wind-fighting ability.	GOOD
FLAT	MEDIUM	36	BLACK 	24' 7.3 M	30' 9.1 M		IRRIGATION Same spray pattern as BLUE plate with flat trajectory and superior wind-fighting ability.	GOOD
FLAT	COARSE	24	GRAY 	24' 7.9 M	28' 8.5 M		IRRIGATION Aggressive stream and droplets for maximum wind-fighting.	BEST
MULTI-TRAJECTORY: 6 CONVEX 15 FLAT	COARSE	21	ORANGE 	24' 7.3 M	28' 8.5 M		IRRIGATION Most aggressive stream and droplets for maximum wind-fighting.	BEST
TRIPLE-TRAJECTORY: +9°, +4°, -3°	MEDIUM	33	BROWN 	30' 9.1 M	36' 11 M		IRRIGATION Widest throw distance and good wind-fighting. Multi-trajectory for reduced stream collision and better overlap.	GOOD

This flow data was obtained under ideal test conditions and may be adversely affected by poor hydraulic entrance conditions, turbulence, or other factors. NIC makes no representation regarding sprinkler flow rate accuracy under various plumbing and drop pipe conditions.

3030 SERIES PART-CIRCLE SPRAY & HOSE DRAG ADAPTER BOTH REQUIRE UNIVERSAL BODY - 3000 SERIES DOES NOT



HOSE DRAG ADAPTER



PART CIRCLE SPRAY



SPRINKLER CONVERTER

ATTACH THE NELSON SPRINKLER CONVERTER TO A SPRAY & ACCELERATOR CAP/PLATE AND CHOOSE FROM A VARIETY OF SUPPLEMENTAL APPLICATIONS: SPRAY (ENGAGE D3030), IRRIGATE (ENGAGE A3030), LEPA (BUBBLE WITH NO SPRAY PLATE), CHEMIGATE (USE RED OR WHITE SPRAY PLATE).



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