

HF High Flow 140° Wide Angle HYPRO® Drift Reducing Tips for Fertilizer

Fast Cap Combo with Tip, Cap & O-Ring

Features: High Volume Coverage or High Speed Applications • 140° Pattern Ensures Unmatched Uniformity Across the Spray Boom & Throughout the Entire Pressure Range (20-80 PSI) • Wide Spray Angle (140°) Allows for Lower Spray Height • Droplets (XC) are Under 100 Microns are Controlled • Straight-Through Design Reduces Clogging & Easily Fits Directly on Standard Nozzle Bodies • FastCap™ Design Adds Convenience.



All sizes suitable with PWM spray systems.

	HF 140° - Wide Angle Drift - High Flow						
	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI	70 PSI	80 PSI
HF140-08	UC	UC	UC	UC	XC	XC	XC
HF140-10	UC	UC	UC	UC	XC	XC	XC
HF140-15	UC	UC	UC	UC	XC	XC	XC
HF140-20	UC	UC	UC	UC	XC	XC	XC
HF140-30	UC	UC	UC	UC	XC	XC	XC
HF140-40	UC	UC	UC	UC	XC	XC	XC
HF140-50	UC	UC	UC	UC	XC	XC	XC
HF140-60	UC	UC	UC	UC	XC	XC	XC

Part No.	Color	GPM @40 PSI	20" Spacing GPA @ 12MPH	40" Spacing GPA @ 12 MPH
TW HF140-08	White	.80	19.8	10.0
TW HF140-10	Blue	1.0	25.0	12.5
TW HF140-15	Green	1.5	37.0	18.5
TW HF140-20	Black	2.0	50.0	25.0
TW HF140-30	Tan	3.0	74.0	37.0
TW HF140-40	White	4.0	99.0	50.0
TW HF140-50	Purple	5.0	124	62.0
TW HF140-60	Yellow	6.0	149	75.0
TW 65-VBS205	Viton® O-Ring			

Nozzles Packaged in 10's - 10% Discount on 50 Not Assorted

HYPRO® Guardian™ Spray Tips for Insecticide & Fungicide

Fast Cap Design



Unique 20° inclined spray pattern allows users to adjust the spray rearward, forward or as a twin spray to best suit the application target.

Features: 120° Pattern is Inclined 20° • Aim Rearward for General Spraying to target broadleaf Canopies & Horizontal Leaves • Aim Forward to Hit Vertical Targets • Alternate Nozzles Forward & Rearward to Create a Twin Spray in a Dense Canopy • Pressures 15 to 115 PSI. Includes EPDM gasket and 50M strainer.

All sizes suitable with PWM spray systems.

	GRD 120° - GUARDIAN™ - Tapered Flat Fan Spray Pattern							
	30 PSI	40 PSI	50 PSI	60 PSI	70 PSI	80 PSI	90 PSI	100 PSI
GRD120-015	M	M	M	M	F	F	F	F
GRD120-02	M	M	M	M	M	M	M	M
GRD120-025	M	M	M	M	M	M	M	M
GRD120-03	M	M	M	M	M	M	M	M
GRD120-04	VC	C	C	C	M	M	M	M
GRD120-05	XC	VC	VC	C	M	M	M	M
GRD120-06	XC	VC	VC	C	M	M	M	M
GRD120-08	VC	C	M	M	M	M	M	F

Part No.	Color	GPM @40 PSI	20" Spacing GPA @ 12MPH	20" Spacing GPA @ 16 MPH
TW GRD120-015	Green	.15	3.7	2.8
TW GRD120-02	Yellow	.20	5.0	3.7
TW GRD120-025	Purple	.25	6.2	4.6
TW GRD120-03	Blue	.30	7.4	5.6
TW GRD120-04	Red	.40	9.9	7.4
TW GRD120-05	Brown	.50	12.4	9.3
TW GRD120-06	Gray	.60	14.9	11.1
TW GRD120-08	White	.80	19.8	14.9
TW TS02-50	50 Mesh Screen, Blue Included			

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GuardianAir Twin™ Spray Tips High-Coverage, Low-Drift



for Insecticide & Fungicide

Features: High Coverage Forward & Rear Facing Fans Help Penetrate Complex Canopies • Better Coverage with More Drops per Gallon • Easy-to-Install, Locking Ring & O-Ring Seal Design • Includes 50M strainer • Pressures 30 to 115 PSI.

	GAT 110° - GuardianAir Twin™							
	30 PSI	40 PSI	50 PSI	60 PSI	70 PSI	80 PSI	90 PSI	100 PSI
GAT110-02	C	M	M	M	M	M	M	F
GAT110-025	VC	C	M	M	M	M	M	M
GAT110-03	VC	C	M	M	M	M	M	M
GAT110-04	C	M	M	M	M	M	M	M
GAT110-05	VC	C	C	M	M	M	M	M
GAT110-06	XC	C	C	C	M	M	M	M
GAT110-08	VC	C	C	C	M	M	M	M

Part No.	Color	GPM @60 PSI	20" Spacing GPA @ 12MPH	20" Spacing GPA @ 16 MPH
TW GAT110-02	Yellow	.24	5.9	4.5
TW GAT110-025	Purple	.31	7.7	5.8
TW GAT110-035	Dk. Red	.43	10.6	8.1
TW GAT110-04	Red	.49	12.1	9.1
TW GAT110-05	Brown	.61	15.1	11.3
TW GAT110-06	Gray	.73	18.1	13.6
TW GAT110-08	White	.98	24.0	18.2
TW 65-VBS205	Viton® O-Ring			
TW TS02-50	50 Mesh Screen, Blue Included			

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Where Tables are Based on 20" Nozzle Spacing								
Other Spacing	10"	12"	14"	16"	18"	22"	24"	30"
Conversion Factor	2.0	1.67	1.43	1.25	1.11	0.91	0.83	0.66

Tabulation Based on Spraying Water at 70° F.
F=Fine • M=Medium • C=Coarse • VC=Very Coarse • XC=Extremely Coarse • UC=ULTRA Coarse

HYPRO® FastCap ESI Spray Tips Six Stream • Tip, Cap & Gasket



- Six Identical Fluid Streams Distribute Fertilizer Accurately.
- For target fertilizer application. Coarse droplets
- Use at 24" height and 20" centers.
- Large Outlet Holes.
- Ceramic orifice, ISO body colors.
- Includes Tip, Cap & EPDM Gasket

Part No.	Color	GPM @30 PSI	20" Spacing GPA @ 6MPH	20" Spacing GPA @ 10 MPH
TW FCES111003	Blue	.26	12.9	7.7
TW FCES111004	Red	.35	17.3	10.4
TW FCES111005	Brown	.43	21.0	12.8
TW FCES111006	Gray	.52	26.0	15.4
TW FCES111008	White	.69	34.0	20.0
TW FCES111010	LT. Blue	.87	43.0	26.0
TW 65-VBS205	Viton® O-Ring			

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Experts in Delivering Fluid Handling Solutions
"We Know Flow!"

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