

# HI-FLOW 140°

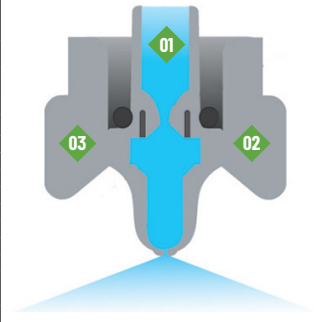


The Hypro® Hi-Flow nozzle is the best way to outfit a sprayer to achieve wide-angle coverage plus drift control. The 140° pattern ensures unmatched uniformity across the spray boom and allows lower spray heights to reduce the risk of drift during sensitive applications.

- ◆ Frequently used with fertilizer/herbicide mixtures for early season weed control
- ◆ Straight-through design to reduce clogging and drift
- ◆ Incredibly uniform application across the boom
- ◆ Lower spray heights and pre-orifice technology reduce drift
- ◆ PWM compatible

## US UNITS

Nozzle Size	Droplet Size	Pressure (PSI)	Flow Rate (GPM)	MPH - 20 Inch Spacing								MPH - 40 Inch Spacing								MPH - 60 Inch Spacing							
				Gallons per Acre								Gallons per Acre								Gallons per Acre							
				15	30	45	60	75	90	105	15	30	45	60	75	90	105	15	30	45	60	75	90	105			
08	UC	20	0.57	11	6	4	3	2	2	2	6	3	2	1	1	1	1	4	2	1	1	1	1	1			
	UC	30	0.69	14	7	5	3	3	2	2	7	3	2	2	1	1	1	5	2	2	1	1	1	1			
	UC	40	0.80	16	8	5	4	3	3	2	8	4	3	2	2	1	1	5	3	2	1	1	1	1			
	UC	50	0.89	18	9	6	4	4	3	3	9	4	3	2	2	1	1	6	3	2	1	1	1	1			
	XC	60	0.98	19	10	6	5	4	3	3	10	5	3	2	2	2	1	6	3	2	2	1	1	1			
	XC	70	1.06	21	10	7	5	4	3	3	10	5	3	3	2	2	1	7	3	2	2	1	1	1			
10	UC	20	0.71	14	7	5	4	3	2	2	7	4	2	2	1	1	1	5	2	2	1	1	1	1			
	UC	30	0.87	17	9	6	4	3	3	2	9	4	3	2	2	1	1	6	3	2	1	1	1	1			
	UC	40	1.00	20	10	7	5	4	3	3	10	5	3	2	2	2	1	7	3	2	2	1	1	1			
	UC	50	1.12	22	11	7	6	4	4	3	11	6	4	3	2	2	2	7	4	2	2	1	1	1			
	XC	60	1.22	24	12	8	6	5	4	3	12	6	4	3	2	2	2	8	4	3	2	2	1	1			
	XC	70	1.32	26	13	9	7	5	4	4	13	7	4	3	3	2	2	9	4	3	2	2	1	1			
15	UC	20	1.41	28	14	9	7	6	5	4	14	7	5	3	3	2	2	9	5	3	2	2	2	1			
	UC	30	1.30	26	13	9	6	5	4	4	13	6	4	3	3	2	2	9	4	3	2	2	1	1			
	UC	40	1.50	-	15	10	7	6	5	4	15	7	5	4	3	2	2	10	5	3	2	2	2	1			
	UC	50	1.68	-	17	11	8	7	6	5	17	8	6	4	3	3	2	11	6	4	3	2	2	2			
	XC	60	1.84	-	18	12	9	7	6	5	18	9	6	5	4	3	3	12	6	4	3	2	2	2			
	XC	70	1.98	-	20	13	10	8	7	6	20	10	7	5	4	3	3	13	7	4	3	3	2	2			
20	UC	20	2.12	-	21	14	10	8	7	6	21	10	7	5	4	3	3	14	7	5	3	3	2	2			
	UC	30	1.73	-	17	11	9	7	6	5	17	9	6	4	3	3	2	11	6	4	3	2	2	2			
	UC	40	2.00	-	20	13	10	8	7	6	20	10	7	5	4	3	3	13	7	4	3	3	2	2			
	UC	50	2.24	-	22	15	11	9	7	6	22	11	7	5	4	4	3	15	7	5	4	3	2	2			
	XC	60	2.45	-	24	16	12	10	8	7	24	12	8	6	5	4	3	16	8	5	4	3	3	2			
	XC	70	2.65	-	26	17	13	10	9	7	26	13	9	6	5	4	4	17	9	6	4	3	3	2			
30	UC	20	2.83	-	28	18	14	11	9	8	28	14	9	7	6	5	4	18	9	6	5	4	3	3			
	UC	30	2.12	-	21	14	10	8	7	6	21	10	7	5	4	3	3	14	7	5	3	3	2	2			
	UC	40	2.60	-	26	17	13	10	9	7	26	13	9	6	5	4	4	17	9	6	4	3	3	2			
	UC	50	3.00	-	30	20	15	12	10	8	30	15	10	7	6	5	4	20	10	7	5	4	3	3			
	UC	60	3.35	-	-	22	17	13	11	10	-	17	11	8	7	6	5	22	11	7	6	4	4	3			
	XC	70	3.67	-	-	24	18	15	12	10	-	18	12	9	7	6	5	24	12	8	6	5	4	3			
40	UC	20	3.97	-	-	26	20	16	13	11	-	20	13	10	8	7	6	26	13	9	7	5	4	4			
	UC	30	4.24	-	-	28	21	17	14	12	-	21	14	10	8	7	6	28	14	9	7	6	5	4			
	UC	40	2.83	-	28	18	14	11	9	8	28	14	9	7	6	5	4	18	9	6	5	4	3	3			
	UC	50	3.46	-	-	23	17	14	12	10	-	17	12	9	7	6	5	23	12	8	6	5	4	3			
	UC	60	4.00	-	-	26	20	16	13	11	-	20	13	10	8	7	6	26	13	9	7	5	4	4			
	XC	70	4.47	-	-	30	22	18	15	13	-	22	15	11	9	7	6	30	15	10	7	6	5	4			
50	UC	20	4.90	-	-	-	24	19	16	14	-	24	16	12	10	8	7	-	16	11	8	6	5	5			
	UC	30	5.29	-	-	-	26	21	17	15	-	26	17	13	10	9	7	-	17	12	9	7	6	5			
	UC	40	5.66	-	-	-	28	23	19	16	-	28	19	14	11	9	8	-	19	13	9	8	6	5			
	UC	50	3.54	-	-	23	17	14	12	10	-	17	12	9	7	6	5	23	12	8	6	5	4	3			
	UC	60	4.33	-	-	28	21	17	14	12	-	21	14	11	9	7	6	28	14	9	7	6	5	4			
	XC	70	5.00	-	-	-	25	20	17	14	-	25	17	12	10	8	7	-	17	11	8	7	6	5			
60	UC	20	5.59	-	-	-	28	22	18	16	-	28	18	14	11	9	8	-	18	12	9	7	6	5			
	UC	30	6.12	-	-	-	30	24	20	17	-	30	20	15	12	10	9	-	20	13	10	8	7	6			
	UC	40	6.61	-	-	-	-	26	22	19	-	-	22	16	13	11	9	-	22	15	11	9	7	6			
	UC	50	7.07	-	-	-	-	28	23	20	-	-	23	18	14	12	10	-	23	16	12	9	8	7			
	XC	60	4.24	-	-	28	21	17	14	12	-	21	14	10	8	7	6	28	14	9	7	6	5	4			
	XC	70	5.20	-	-	-	26	21	17	15	-	26	17	13	10	9	7	-	17	11	9	7	6	5			



01. Straight flow design for superior resistance to plugging and creation of driftable droplets
02. Unitized spray nozzle design for easy single piece operation
03. Removable pre-orifice for easy cleaning

Droplet size based on ASABE S572.1 standard.



## FLOATER ADAPTER FOR HI-FLOW NOZZLES

Part Number	Description
9950-0001	Floater Adapter Kit for Hi-Flow Nozzles (3/4" Cam Lock to Bayonet)



140° wide, large droplet spray pattern for industry leading coverage of liquid fertilizers.



Straight through design squeezes fluid flow to create the spray pattern versus deflecting fluid flow and creating un-needed spray drift.

## METRIC UNITS

Nozzle Size	Droplet Size	Pressure (BAR)	Flow Rate (LPM)	Application Rate L/Ha - 50 cm Spacing							
				KM/H							
				7	8	10	12	15	20	25	30
08	UC	1,5	2,26	387	339	271	226	181	136	108	90
	UC	2	2,61	447	392	313	261	209	157	125	104
	UC	2,5	2,92	501	438	350	292	234	175	140	117
	UC	3	3,20	549	480	384	320	256	192	154	128
	XC	4	3,70	634	555	444	370	296	222	178	148
	XC	5	4,13	708	620	496	413	330	248	198	165
10	UC	6	4,53	777	680	544	453	362	272	217	181
	UC	1,5	2,8	480	420	336	280	224	168	134	112
	UC	2	3,3	566	495	396	330	264	198	158	132
	UC	2,5	3,7	634	555	444	370	296	222	178	148
	UC	3	4,0	686	600	480	400	320	240	192	160
	XC	4	4,6	789	690	552	460	368	276	221	184
15	UC	5	5,2	891	780	624	520	416	312	250	208
	UC	6	5,7	977	855	684	570	456	342	274	228
	UC	1,5	4,2	720	630	504	420	336	252	202	168
	UC	2	4,9	840	735	588	490	392	294	235	196
	UC	2,5	5,5	943	825	660	550	440	330	264	220
	UC	3	6,0	1029	900	720	600	480	360	288	240
20	XC	4	6,9	1183	1035	828	690	552	414	331	276
	XC	5	7,7	1320	1155	924	770	616	462	370	308
	XC	6	8,5	1457	1275	1020	850	680	510	408	340
	UC	1,5	5,7	977	855	684	570	456	342	274	228
	UC	2	6,5	1114	975	780	650	520	390	312	260
	UC	2,5	7,3	1251	1095	876	730	584	438	350	292
30	UC	3	8,0	1371	1200	960	800	640	480	384	320
	UC	4	9,2	1577	1380	1104	920	736	552	442	368
	UC	5	10,3	1766	1545	1236	1030	824	618	494	412
	UC	6	11,3	1937	1695	1356	1130	904	678	542	452
	UC	1,5	8,5	1457	1275	1020	850	680	510	408	340
	UC	2	9,8	1680	1470	1176	980	784	588	470	392
40	UC	2,5	11,0	1896	1650	1320	1100	880	660	528	440
	UC	3	12,0	2057	1800	1440	1200	960	720	576	480
	UC	4	13,9	2383	2085	1668	1390	1112	834	667	556
	UC	5	15,5	2657	2325	1860	1550	1240	930	744	620
	UC	6	17,0	2914	2550	2040	1700	1360	1020	816	680
	UC	1,5	11,3	1937	1695	1356	1130	904	678	542	452
50	UC	2	13,1	2246	1965	1572	1310	1048	786	629	524
	UC	2,5	14,6	2503	2190	1752	1460	1168	876	701	584
	UC	3	16,0	2743	2400	1920	1600	1280	960	768	640
	UC	4	18,5	3171	2775	2220	1850	1480	1110	888	740
	UC	5	20,7	3549	3105	2484	2070	1656	1242	994	828
	UC	6	22,6	3874	3390	2712	2260	1808	1356	1085	904
60	UC	1,5	14,1	2417	2115	1692	1410	1128	846	677	564
	UC	2	16,3	2794	2445	1956	1630	1304	978	782	652
	UC	2,5	18,3	3137	2745	2196	1830	1464	1098	878	732
	UC	3	20,0	3429	3000	2400	2000	1600	1200	960	800
	UC	4	23,1	3960	3465	2772	2310	1848	1396	1109	924
	UC	5	25,8	4423	3870	3096	2580	2064	1548	1238	1032
60	UC	6	28,3	4851	4245	3396	2830	2264	1696	1358	1132
	UC	1,5	17,0	2914	2550	2040	1700	1360	1020	816	680
	UC	2	19,6	3360	2940	2352	1960	1568	1176	941	784
	UC	2,5	21,9	3754	3285	2628	2190	1752	1314	1051	876
	UC	3	24,0	4114	3600	2880	2400	1920	1440	1152	960
	UC	4	27,7	4749	4155	3324	2770	2216	1662	1330	1108
60	UC	5	31,0	5314	4650	3720	3100	2480	1860	1488	1240
	UC	6	33,9	5811	5085	4068	3390	2712	2034	1627	1356

Droplet size based on ASABE S572.1 standard.

Features	
Common Use	Fertilizer
Pattern	Tapered Flat Fan
Technology	Pre-Driftice
Material	Polyacetal
Spray Angle	140°
Pressure Range	20-60 PSI (1.5-6 BAR)
Configuration	FastCap
Minimum Boom Height	
15" (35 cm) Spacing	10" (25 cm)
20" (50 cm) Spacing	12" (30 cm)
Part Numbers (Bags of 10)	
FastCaps 140°	
HF140-08	
HF140-10	
HF140-15	
HF140-20	
HF140-30	
HF140-40	
HF140-50	
HF140-60	
Replacement Cap Gasket	
10BG-2270-0150	