

ULTRA LO-DRIFT 120°

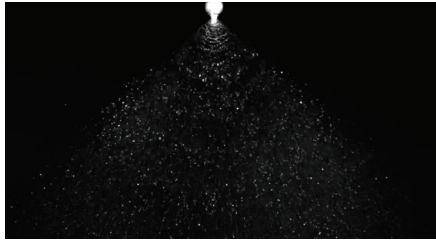


The ULD - Ultra Lo-Drift is the ideal spray nozzle for use where drift reduction is paramount. The nozzle produces large air-filled droplets, which cut drift dramatically compared with a standard fan and conventional low-drift spray nozzles.

- ◆ Creates air-filled droplets which significantly reduce spray drift
- ◆ Wide spray angle (120°) enables boom height to be lowered to further decrease drift
- ◆ Small, compact size reduces the chances of accidental breakage
- ◆ FastCap complete includes nozzle, cap, gasket and integrated strainers

US UNITS

Nozzle Size	Droplet Size	Pressure (PSI)	Flow Rate (GPM)	Speed (MPH) - 20 inch nozzle spacing																
				Gallons per Acre																
				2.5	5	7.5	10	12.5	15	17.5	20	22.5	25	27.5	30	32.5	35	37.5	40	
015	UC	20	0.11	12.6	6.3	4.2	3.2	2.5	2.1	1.8	1.6	1.4	1.3	1.1	1.1	0.9	0.8	0.8	0.8	
	XC	30	0.13	15.4	7.7	5.1	3.9	3.1	2.6	2.2	1.9	1.7	1.5	1.4	1.3	1.2	1.1	1.0	1.0	1.0
	VC	40	0.15	17.8	8.9	5.9	4.5	3.6	3.0	2.5	2.2	2.0	1.8	1.6	1.5	1.4	1.3	1.2	1.1	1.1
	VC	50	0.17	19.9	10.0	6.6	5.0	4.0	3.3	2.8	2.5	2.2	2.0	1.8	1.7	1.5	1.4	1.3	1.2	1.2
	C	60	0.18	21.8	10.9	7.3	5.5	4.4	3.6	3.1	2.7	2.4	2.2	2.0	1.8	1.7	1.6	1.5	1.4	1.4
	C	70	0.20	23.6	11.8	7.9	5.9	4.7	3.9	3.4	2.9	2.6	2.4	2.1	2.0	1.8	1.7	1.6	1.5	1.5
	C	80	0.21	25.2	12.6	8.4	6.3	5.0	4.2	3.6	3.2	2.8	2.5	2.3	2.1	1.9	1.8	1.7	1.6	1.6
	M	90	0.23	26.7	13.4	8.9	6.7	5.3	4.5	3.8	3.3	3.0	2.7	2.4	2.2	2.1	1.9	1.8	1.7	1.7
	M	100	0.24	28.2	14.1	9.4	7.0	5.6	4.7	4.0	3.5	3.1	2.8	2.6	2.3	2.2	2.0	1.9	1.8	1.8
	M	115	0.25	-	15.1	10.1	7.6	6.0	5.0	4.3	3.8	3.4	3.0	2.7	2.5	2.3	2.2	2.0	1.9	1.9
02	UC	20	0.14	16.8	8.4	5.6	4.2	3.4	2.8	2.4	2.1	1.9	1.7	1.5	1.4	1.3	1.2	1.1	1.1	1.1
	XC	30	0.17	20.6	10.3	6.9	5.1	4.1	3.4	2.9	2.6	2.3	2.1	1.9	1.7	1.6	1.5	1.4	1.3	1.3
	C	40	0.20	23.8	11.9	7.9	5.9	4.8	4.0	3.4	3.0	2.6	2.4	2.2	2.0	1.8	1.7	1.6	1.5	1.5
	C	50	0.22	26.6	13.3	8.9	6.6	5.3	4.4	3.8	3.3	3.0	2.7	2.4	2.2	2.0	1.9	1.8	1.7	1.7
	C	60	0.24	29.1	14.5	9.7	7.3	5.8	4.8	4.2	3.6	3.2	2.9	2.6	2.4	2.2	2.1	1.9	1.8	1.8
	M	70	0.26	-	15.7	10.5	7.9	6.3	5.2	4.5	3.9	3.5	3.1	2.9	2.6	2.4	2.2	2.1	2.0	2.0
	M	80	0.28	-	16.8	11.2	8.4	6.7	5.6	4.8	4.2	3.7	3.4	3.1	2.8	2.6	2.4	2.2	2.1	2.1
	M	90	0.30	-	17.8	11.9	8.9	7.1	5.9	5.1	4.5	4.0	3.6	3.2	3.0	2.7	2.5	2.4	2.2	2.2
	M	100	0.32	-	18.8	12.5	9.4	7.5	6.3	5.4	4.7	4.2	3.8	3.4	3.1	2.9	2.7	2.5	2.3	2.3
	M	115	0.34	-	20.1	13.4	10.1	8.1	6.7	5.8	5.0	4.5	4.0	3.7	3.4	3.1	2.9	2.7	2.5	2.5
025	XC	20	0.18	21.0	10.5	7.0	5.3	4.2	3.5	3.0	2.6	2.3	2.1	1.9	1.8	1.6	1.5	1.4	1.3	1.3
	XC	30	0.22	25.7	12.9	8.6	6.4	5.1	4.3	3.7	3.2	2.9	2.6	2.3	2.1	2.0	1.8	1.7	1.6	1.6
	C	40	0.25	29.7	14.9	9.9	7.4	5.9	5.0	4.2	3.7	3.3	3.0	2.7	2.5	2.3	2.1	2.0	1.9	1.9
	C	50	0.28	-	16.6	11.1	8.3	6.6	5.5	4.7	4.2	3.7	3.3	3.0	2.8	2.6	2.4	2.2	2.1	2.1
	C	60	0.31	-	18.2	12.1	9.1	7.3	6.1	5.2	4.5	4.0	3.6	3.3	3.0	2.8	2.6	2.4	2.3	2.3
	M	70	0.33	-	19.6	13.1	9.8	7.9	6.5	5.6	4.9	4.4	3.9	3.6	3.3	3.0	2.8	2.6	2.5	2.5
	M	80	0.35	-	21.0	14.0	10.5	8.4	7.0	6.0	5.3	4.7	4.2	3.8	3.5	3.2	3.0	2.8	2.6	2.6
	M	90	0.38	-	22.3	14.9	11.1	8.9	7.4	6.4	5.6	5.0	4.5	4.1	3.7	3.4	3.2	3.0	2.8	2.8
	M	100	0.40	-	23.5	15.7	11.7	9.4	7.8	6.7	5.9	5.2	4.7	4.3	3.9	3.6	3.4	3.1	2.9	2.9
	M	115	0.42	-	25.2	16.8	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.6	4.2	3.9	3.6	3.4	3.1	3.1
03	XC	20	0.21	25.2	12.6	8.4	6.3	5.0	4.2	3.6	3.2	2.8	2.5	2.3	2.1	1.9	1.8	1.7	1.6	1.6
	XC	30	0.26	-	15.4	10.3	7.7	6.2	5.1	4.4	3.9	3.4	3.1	2.8	2.6	2.4	2.2	2.1	1.9	1.9
	C	40	0.30	-	17.8	11.9	8.9	7.1	5.9	5.1	4.5	4.0	3.6	3.2	3.0	2.7	2.5	2.4	2.2	2.2
	C	50	0.34	-	19.9	13.3	10.0	8.0	6.6	5.7	5.0	4.4	4.0	3.6	3.3	3.1	2.8	2.7	2.5	2.5
	C	60	0.37	-	21.8	14.5	10.9	8.7	7.3	6.2	5.5	4.8	4.4	4.0	3.6	3.4	3.1	2.9	2.7	2.7
	M	70	0.40	-	23.6	15.7	11.8	9.4	7.9	6.7	5.9	5.2	4.7	4.3	3.9	3.6	3.4	3.1	2.9	2.9
	M	80	0.42	-	25.2	16.8	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.6	4.2	3.9	3.6	3.4	3.2	3.2
	M	90	0.45	-	26.7	17.8	13.4	10.7	8.9	7.6	6.7	5.9	5.3	4.9	4.5	4.1	3.8	3.6	3.3	3.3
	M	100	0.47	-	28.2	18.8	14.1	11.3	9.4	8.1	7.0	6.3	5.6	5.1	4.7	4.3	4.0	3.8	3.5	3.5
	M	115	0.51	-	-	20.1	15.1	12.1	10.1	8.6	7.6	6.7	6.0	5.5	5.0	4.6	4.3	4.0	3.8	3.8
04	UC	20	0.28	-	16.8	11.2	8.4	6.7	5.6	4.8	4.2	3.7	3.4	3.1	2.8	2.6	2.4	2.2	2.1	2.1
	UC	30	0.35	-	20.6	13.7	10.3	8.2	6.9	5.9	5.1	4.6	4.1	3.7	3.4	3.2	2.9	2.7	2.6	2.6
	UC	40	0.40	-	23.8	15.8	11.9	9.5	7.9	6.8	5.9	5.3	4.8	4.3	4.0	3.7	3.4	3.2	3.0	3.0
	XC	50	0.45	-	26.6	17.7	13.3	10.6	8.9	7.6	6.6	5.9	5.3	4.8	4.4	4.1	3.8	3.5	3.3	3.3
	XC	60	0.49	-	29.1	19.4	14.5	11.6	9.7	8.3	7.3	6.5	5.8	5.3	4.8	4.5	4.2	3.9	3.6	3.6
	XC	70	0.53	-	-	21.0	15.7	12.6	10.5	9.0	7.9	7.0	6.3	5.7	5.2	4.8	4.5	4.2	3.9	3.9
	VC	80	0.57	-	-	22.4	16.8	13.4	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.2
	VC	90	0.60	-	-	23.8	17.8	14.3	11.9	10.2	8.9	7.9	7.1	6.5	5.9	5.5	5.1	4.8	4.5	4.5
	C	100	0.63	-	-	25.0	18.8	15.0	12.5	10.7	9.4	8.3	7.5	6.8	6.3	5.8	5.4	5.0	4.7	4.7
	C	115	0.68	-	-	26.9	20.1	16.1	13.4	11.5	10.1	9.0	8.1	7.3	6.7	6.2	5.8	5.4	5.0	5.0
05	UC	20	0.35	-	21.0	14.0	10.5	8.4	7.0	6.0	5.3	4.7	4.2	3.8	3.5	3.2	3.0	2.8	2.6	2.6
	UC	30	0.43	-	25.7	17.1	12.9	10.3	8.6	7.3	6.4	5.7	5.1	4.7	4.3	4.0	3.7	3.4	3.2	3.2
	XC	40	0.50	-	29.7	19.8	14.9	11.9	9.9	8.5	7.4	6.6	5.9	5.4	5.0	4.6	4.2	4.0	3.7	3.7
	XC	50	0.56	-	-	22.1	16.6	13.3	11.1	9.5	8.3	7.4	6.6	6.0	5.5	5.1	4.7	4.4	4.2	4.2
	XC	60	0.61	-	-	24.2	18.2	14.5	12.1	10.4	9.1	8.1	7.3	6.6	6.1	5.6	5.2	4.8	4.5	4.5
	VC	70	0.66	-	-	26.2	19.6	15.7	13.1	11.2	9.8	8.7	7.9	7.1	6.5	6.0	5.6	5.2	4.9	4.9
	VC	80	0.71	-	-	28.0	21.0	16.8	14.0	12.0	10.5	9.3	8.4	7.6	7.0	6.5	6.0	5.6	5.3	5.3
	VC	90	0.75	-	-	29.7	22.3	17.8	14.9	12.7	11.1	9.9	8.9	8.1	7.4	6.9	6.4	5.9	5.6	5.6
	C	100	0.79	-	-	-	23.5	18.8	15.7	13.4	11.7	10.4	9.4	8.5	7.8	7.2	6.7	6.3	5.9	5.9
	C	115	0.85	-	-	25.2	20.1	16.8	14.4	12.6	11.2	10.1	9.2	8.4	7.7	7.2	6.7	6.3	5.9	5.9
06	UC	20	0.42	-	25.2	16.8	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.6	4.2	3.9	3.6	3.4	3.2	3.2
	UC	30	0.52	-	-	15.4	12.3	9.3	8.8	7.7	6.9	6.2	5.6	5.1	4.7	4.4	4.1	3.9	3.9	3.9
	XC	40	0.60	-	-	17.8	14.3	11.9	10.2	8.9	7.9	7.1	6.5	5.9	5.5	5.1	4.8	4.5	4.5	4.5
	XC	50	0.67	-	-	19.9	15.9	13.3	11.4	10.0	8.9	8.0	7.2	6.6	6.1	5.7	5.3	5.0	5.0	5.0
	VC	60	0.73	-	-	21.8	17.5	14.5	12.5	10.9	9.7	8.7	7.9	7.3	6.7	6.2	5.8	5.5	5.5	5.5
	C	70	0.79	-	-	23.6	18.9	15.7	13.5	11.8	10.5	9.4	8.6	7.9	7.3	6.7	6.3	5.9	5.9	5.9
	C	80	0.85	-	-	25.2	20.2	16.8	14.4	12.6	11.2	10.1	9.2	8.4	7.8	7.2	6.7	6.3	6.3	6.3
	C	90	0.90	-	-	26.7	21.4	17.8	15.3	13.4	11.9	10.7	9.7	8.9	8.2	7.6	7.1	6.7	6.7	6.7
	C	100	0.95	-	-	28.2	22.5	18.8	16.1	14.1	12.5	11.3	10.2	9.4	8.7	8.1	7.5	7.0	7.0	7.0
	M	115	1.02	-	-	-	24.2	20.1	17.3	15.										



Maximum drift control in a 120° wide spray pattern for even coverage in broadcast applications



Unique 60° thick spray pattern for a wider coverage area. 120° wide by 60° thick pattern.



See <http://pentair.com/certifications> for the latest drift reduction standard information.

METRIC UNITS

Nozzle Size	Droplet Size	Pressure (BAR)	Flow Rate (LPM)	Application Rate L/Ha - 50cm spacing							Drift Reduction Standards	
				KM/H								
				7	8	10	12	15	20	25		30
015	UC	1	0,35	60	53	42	35	28	21	17	14	JKI
	UC	1,5	0,42	72	63	50	42	34	25	20	17	
	XC	2	0,49	84	74	59	49	39	29	24	20	
	VC	3	0,60	103	90	72	60	48	36	29	24	
	C	4	0,69	118	104	83	69	55	41	33	28	
	C	5	0,77	132	116	92	77	62	46	37	31	
	M	6	0,85	146	128	102	85	68	51	41	34	
	M	7	0,92	158	138	110	92	74	55	44	37	
02	UC	1	0,46	79	69	55	46	37	28	22	18	JKI
	UC	1,5	0,57	98	86	68	57	46	34	27	23	
	XC	2	0,65	111	98	78	65	52	39	31	26	
	C	3	0,80	137	120	96	80	64	48	38	32	
	C	4	0,92	158	138	110	92	74	55	44	37	
	M	5	1,03	177	155	124	103	82	62	49	41	
	M	6	1,13	194	170	136	113	90	68	54	45	
	M	7	1,22	209	183	146	122	98	73	59	49	
025	UC	1	0,58	99	87	70	58	46	35	28	23	JKI
	XC	1,5	0,71	122	107	85	71	57	43	34	28	
	XC	2	0,82	141	123	98	82	66	49	39	33	
	C	3	1,00	171	150	120	100	80	60	48	40	
	C	4	1,15	197	173	138	115	92	69	55	46	
	M	5	1,29	221	194	155	129	103	77	62	52	
	M	6	1,41	242	212	169	141	113	85	68	56	
	M	7	1,53	262	230	184	153	122	92	73	61	
03	UC	1	0,69	118	104	83	69	55	41	33	28	50% 2.5-8.0 BAR Ref # G-1778
	XC	1,5	0,85	146	128	102	85	68	51	41	34	
	XC	2	0,98	168	147	118	98	78	59	47	39	
	C	3	1,20	206	180	144	120	96	72	58	48	
	C	4	1,39	238	209	167	139	111	83	67	56	
	M	5	1,55	266	233	186	155	124	93	74	62	
	M	6	1,70	291	255	204	170	136	102	82	68	
	M	7	1,83	314	275	220	183	146	110	88	73	
04	UC	1	0,92	158	138	110	92	74	55	44	37	90% 2.5-3.0 BAR 75% 3.1-8.0 BAR Ref # G-1779
	UC	1,5	1,13	194	170	136	113	90	68	54	45	
	UC	2	1,31	225	197	157	131	105	79	63	52	
	UC	3	1,60	274	240	192	160	128	96	77	64	
	XC	4	1,85	317	278	222	185	148	111	89	74	
	XC	5	2,07	355	311	248	207	166	124	99	83	
	VC	6	2,26	387	339	271	226	181	136	108	90	
	C	7	2,44	418	366	293	244	195	146	117	98	
05	UC	1	1,15	197	173	138	115	92	69	55	46	90% 2.5-8.0 BAR Ref # G-1780
	UC	1,5	1,41	242	212	169	141	113	85	68	56	
	UC	2	1,63	279	245	196	163	130	98	78	65	
	XC	3	2,00	343	300	240	200	160	120	96	80	
	XC	4	2,31	396	347	277	231	185	139	111	92	
	VC	5	2,58	442	387	310	258	206	155	124	103	
	VC	6	2,83	485	425	340	283	226	170	136	113	
	C	7	3,06	525	459	367	306	245	184	147	122	
06	UC	1	1,39	238	209	167	139	111	83	67	56	JKI
	UC	1,5	1,70	291	255	204	170	136	102	82	68	
	UC	2	1,96	336	294	235	196	157	118	94	78	
	XC	3	2,40	411	360	288	240	192	144	115	96	
	VC	4	2,77	475	416	332	277	222	166	133	111	
	C	5	3,10	531	465	372	310	248	186	149	124	
	C	6	3,39	581	509	407	339	271	203	163	136	
	M	7	3,67	629	551	440	367	294	220	176	147	
08	UC	1	1,85	317	278	222	185	148	111	89	74	JKI
	UC	1,5	2,26	387	339	271	226	181	136	108	90	
	XC	2	2,61	447	392	313	261	209	157	125	104	
	VC	3	3,20	549	480	384	320	256	192	154	128	
	C	4	3,70	634	555	444	370	296	222	178	148	
	C	5	4,13	708	620	496	413	330	248	198	165	
	M	6	4,53	777	680	544	453	362	272	217	181	
	M	7	4,89	838	734	587	489	391	293	235	196	
08	UC	1	1,85	317	278	222	185	148	111	89	74	JKI
	UC	1,5	2,26	387	339	271	226	181	136	108	90	
	XC	2	2,61	447	392	313	261	209	157	125	104	
	VC	3	3,20	549	480	384	320	256	192	154	128	
	C	4	3,70	634	555	444	370	296	222	178	148	
	C	5	4,13	708	620	496	413	330	248	198	165	
	M	6	4,53	777	680	544	453	362	272	217	181	
	M	7	4,89	838	734	587	489	391	293	235	196	

Droplet size based on ASABE S572.1 standard

Features	
Common Use	Weed and disease control with systemic agrochemicals.
Pattern	Tapered Flat Fan
Technology	Air Induction
Material	Polycetal
Spray Angle	120°
Pressure Range	20-115 PSI (1-8 BAR)
Configuration	Nozzles, FastCap Complete
Optimum Boom Height	
15" (35 cm) Spacing	15" (35 cm)
20" (50 cm) Spacing	20" (50 cm)
Part Numbers (Bags of 10)	
Nozzles 120°	FastCap 120°
ULD120-015	FC-ULD120-015*
ULD120-02	FC-ULD120-02*
ULD120-025	FC-ULD120-025*
ULD120-03	FC-ULD120-03*
ULD120-04	FC-ULD120-04*
ULD120-05	FC-ULD120-05*
ULD120-06	FC-ULD120-06*
ULD120-08	FC-ULD120-08*
Replacement Strainers	
TS01-50	50 mesh strainer (Sizes 015-08)
Replacement FastCap Gasket	
10BG-2270-0150	

* FastCap version contain nozzle filters