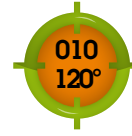


# HDRX-A HDRX-R

## Flat fan nozzle with air injection



ISO colour code



### USE CASES:

Particularly suitable for applications:

- ▶ requiring good coverage while significantly reducing drift.
- ▶ with systemic and root mode of action

Angle allowing the working height to be reduced while maintaining a uniform application

Compatibility: standard / multi-nozzle / PWM

### Flat fan nozzle with air injection:

- ▶ Spray angle 120°: precision and uniformity of application achieved at reduced height
- ▶ Working pressure: 2 or 3 up to 7 bar very good coverage and work productivity
- ▶ Buffer zone approved – Drift reduction rate of 66, 75 or 90% depending on size and pressure
- ▶ If used with a product with a contact mode of action and/or requiring a high coverage rate, increase the application setting.
- ▶ Ceramic (HDRX-A) or POM (HDRX-R) insert

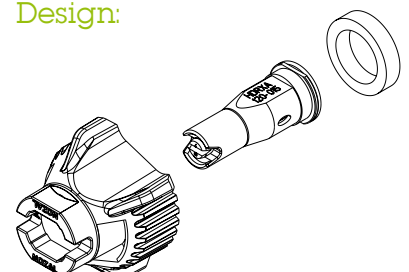
### Droplet size classification

according to ISO 25358 DSD

Category	Symbol
Ultra coarse	UC
Extremely coarse	XC
Very coarse	VC
Coarse	C
Medium	M
Fine	F
Very fine	VF
Extremely fine	XF

**noz**al  
A broad field of applications

### Design:



Flow ℓ/ha according to the forward speed in km/h - 0.50 m nozzle spacing

\*\* 25 M, 60 M, 80 M = recommended filtration level \* according to ISO 25358

	Droplet size	Pressure (bar)	ℓ/min at the nozzle*	5 km/h	6 km/h	7 km/h	8 km/h	9 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h
<b>HDRX-A HDX-R 120 - 01 Orange (80 M)**</b>	XC	3	0.39	94	78	67	59	52	47	39				
	XC	3.5	0.42	101	84	72	63	56	50	42	36			
	VC	4	0.45	108	90	77	68	60	54	45	39	34		
	VC	5	0.51	122	102	87	77	68	61	51	44	38	34	
	VC	6	0.55	132	110	94	83	73	66	55	47	41	37	
	C	7	0.6	144	120	103	90	80	72	60	51	45	40	
	C	8	0.64	154	128	110	96	85	77	64	55	48	43	
<b>HDRX-A HDX-R 120 - 015 Green (60 M)**</b>	VC	3	0.59	142	118	101	89	79	71	59	51	44	39	35
	VC	3.5	0.63	151	126	108	95	84	76	63	54	47	42	38
	VC	4	0.68	163	136	117	102	91	82	68	58	51	45	41
	VC	5	0.76	182	152	130	114	101	91	76	65	57	51	46
	C	6	0.83	199	166	142	125	111	100	83	71	62	55	50
	C	7	0.9	216	180	154	135	120	108	90	77	68	60	54
	C	8	0.96	230	192	165	144	128	115	96	82	72	64	58
<b>HDRX-A HDX-R 120 - 02 Yellow (60 M)**</b>	XC	2	0.65	156	130	111	98	87	78	65	56	49	43	39
	XC	2.5	0.73	175	146	125	110	97	88	73	63	55	49	44
	VC	3	0.8	192	160	137	120	107	96	80	69	60	53	48
	VC	3.5	0.86	206	172	147	129	115	103	86	74	65	57	52
	VC	4	0.92	221	184	158	138	123	110	92	79	69	61	55
	VC	5	1.03	247	206	177	155	137	124	103	88	77	69	62
	C	6	1.13	271	226	194	170	151	136	113	97	85	75	68
	C	7	1.22	293	244	209	183	163	146	122	105	92	81	73
M	8	1.3	312	260	223	195	173	156	130	111	98	87	78	
<b>HDRX-A HDX-R 120 - 025 Purple (60 M)**</b>	UC	2	0.81	194	162	139	122	108	97	81	69	61	54	49
	XC	2.5	0.91	218	182	156	137	121	109	91	78	68	61	55
	XC	3	0.99	238	198	170	149	132	119	99	85	74	66	59
	VC	3.5	1.07	257	214	183	161	143	128	107	92	80	71	64
	VC	4	1.15	276	230	197	173	153	138	115	99	86	77	69
	VC	5	1.28	307	256	219	192	171	154	128	110	96	85	77
	VC	6	1.4	336	280	240	210	187	168	140	120	105	93	84
	VC	7	1.52	365	304	261	228	203	182	152	130	114	101	91
VC	8	1.62	389	324	278	243	216	194	162	139	122	108	97	
<b>HDRX-A HDX-R 120 - 03 Blue (60 M)**</b>	UC	2	0.97	233	194	166	146	129	116	97	83	73	65	58
	XC	2.5	1.08	259	216	185	162	144	130	108	93	81	72	65
	XC	3	1.19	286	238	204	179	159	143	119	102	89	79	71
	VC	3.5	1.28	307	256	219	192	171	154	128	110	96	85	77
	VC	4	1.37	329	274	235	206	183	164	137	117	103	91	82
	VC	5	1.53	367	306	262	230	204	184	153	131	115	102	92
	VC	6	1.68	403	336	288	252	224	202	168	144	126	112	101
	VC	7	1.81	434	362	310	272	241	217	181	155	136	121	109
VC	8	1.94	466	388	333	291	259	233	194	166	146	129	116	
<b>HDRX-A HDX-R 120 - 04 Red (60 M)**</b>	XC	2	1.29	310	258	221	194	172	155	129	111	97	86	77
	XC	2.5	1.44	346	288	247	216	192	173	144	123	108	96	86
	XC	3	1.58	379	316	271	237	211	190	158	135	119	105	95
	VC	3.5	1.7	408	340	291	255	227	204	170	146	128	113	102
	VC	4	1.82	437	364	312	273	243	218	182	156	137	121	109
	VC	5	2.04	490	408	350	306	272	245	204	175	153	136	122
	VC	6	2.23	535	446	382	335	297	268	223	191	167	149	134
	VC	7	2.41	578	482	413	362	321	289	241	207	181	161	145
VC	8	2.58	619	516	442	387	344	310	258	221	194	172	155	
<b>HDRX-A HDX-R 120 - 05 Brown (25 M)**</b>	UC	2	1.61	386	322	276	242	215	193	161	138	121	107	97
	XC	2.5	1.8	432	360	309	270	240	216	180	154	135	120	108
	XC	3	1.97	473	394	338	296	263	236	197	169	148	131	118
	VC	3.5	2.12	509	424	363	318	283	254	212	182	159	141	127
	VC	4	2.28	547	456	391	342	304	274	228	195	171	152	137
	VC	5	2.55	612	510	437	383	340	306	255	219	191	170	153
	VC	6	2.79	670	558	478	419	372	335	279	239	209	186	167
	VC	7	3.01	722	602	516	452	401	361	301	258	226	201	181
VC	8	3.22	773	644	552	483	429	386	322	276	242	215	193	
<b>HDRX-A HDX-R 120 - 06 Grey (25 M)**</b>	XC	2	1.93	463	386	331	290	257	232	193	165	145	129	116
	XC	2.5	2.16	518	432	370	324	288	259	216	185	162	144	130
	XC	3	2.36	566	472	405	354	315	283	236	202	177	157	142
	VC	3.5	2.55	612	510	437	383	340	306	255	219	191	170	153
	VC	4	2.73	655	546	468	410	364	328	273	234	205	182	164
	VC	5	3.05	732	610	523	458	407	366	305	261	229	203	183
	VC	6	3.34	802	668	573	501	445	401	334	286	251	223	200
	VC	7	3.61	866	722	619	542	481	433	361	309	271	241	217
VC	8	3.86	926	772	662	579	515	463	386	331	290	257	232	
<b>HDX-R 120 - 08 White (25 M)**</b>	XC	2	2.58	619	516	442	387	344	310	258	221	194	172	155
	XC	2.5	2.88	691	576	494	432	384	346	288	247	216	192	173
	XC	3	3.16	758	632	542	474	421	379	316	271	237	211	190
	VC	3.5	3.41	818	682	585	512	455	409	341	292	256	227	205
	VC	4	3.65	876	730	626	548	487	438	365	313	274	243	219
	VC	5	4.08	979	816	699	612	544	490	408	350	306	272	245
	VC	6	4.47	1073	894	766	671	596	536	447	383	335	298	268
	VC	7	4.83	1159	966	828	725	644	580	483	414	362	322	290
VC	8	5.16	1238	1032	885	774	688	619	516	442	387	344	310	