



# BRASS OFF-CENTER OC 80°



The Hypro® OC flat fan off-center brass spray nozzle is an economical nozzle for spraying around obstacles or defining the edge of a spray swath.

- ◆ Creates half of a broadcast pattern
- ◆ Generally positioned at the end of a boom
- ◆ Designed for use with overlapping broadcast patterns to provide precise width control

## US UNITS

Nozzle Size	Droplet Size 80°	Pressure (PSI)	Flow Rate (GPM)	Gallons per Acre 20 inch nozzle spacing								GAL/1000 <sup>F12</sup>			
				MPH								20 inch nozzle spacing			
				4	5	6	8	10	12	15	20	2	3	4	5
02	M	30	0.17	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	F	40	0.20	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
	F	50	0.22	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.38	0.30
03	M	30	0.26	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.89	0.59	0.44	0.35
	F	40	0.30	22.3	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.02	0.68	0.51	0.41
	F	50	0.34	25.2	20.2	16.8	12.6	10.1	8.4	6.7	5.0	1.16	0.77	0.58	0.46
04	M	30	0.35	26.0	20.8	17.3	13.0	10.4	8.7	6.9	5.2	1.19	0.80	0.60	0.48
	M	40	0.40	29.7	23.8	19.8	14.9	11.9	9.9	7.9	5.9	1.36	0.91	0.68	0.55
	F	50	0.45	33.4	26.7	22.3	16.7	13.4	11.1	8.9	6.7	1.53	1.02	0.77	0.61
06	C	30	0.52	38.6	30.9	25.7	19.3	15.4	12.9	10.3	7.7	1.77	1.18	0.89	0.71
	M	40	0.60	44.6	35.6	29.7	22.3	17.8	14.9	11.9	8.9	2.05	1.36	1.02	0.82
	M	50	0.67	49.7	39.8	33.2	24.9	19.9	16.6	13.3	9.9	2.28	1.52	1.14	0.91
08	C	30	0.69	51.2	41.0	34.2	25.6	20.5	17.1	13.7	10.2	2.35	1.57	1.18	0.94
	M	40	0.80	59.4	47.5	39.6	29.7	23.8	19.8	15.8	11.9	2.73	1.82	1.36	1.09
	M	50	0.89	66.1	52.9	44.1	33.0	26.4	22.0	17.6	13.2	3.03	2.02	1.52	1.21
12	C	30	1.04	77.2	61.8	51.5	38.6	30.9	25.7	20.6	15.4	3.55	2.36	1.77	1.42
	C	40	1.20	89.1	71.3	59.4	44.6	35.6	29.7	23.8	17.8	4.09	2.73	2.05	1.64
	M	50	1.34	99.5	79.6	66.3	49.7	39.8	33.2	26.5	19.9	4.57	3.05	2.28	1.83
16	C	30	1.39	103	82.6	68.8	51.6	41.3	34.4	27.5	20.6	4.74	3.16	2.37	1.90
	C	40	1.60	119	95.0	79.2	59.4	47.5	39.6	31.7	23.8	5.46	3.64	2.73	2.18
	C	50	1.79	133	106	88.6	66.5	53.2	44.3	35.4	26.6	6.10	4.07	3.05	2.44
	C	60	1.96	146	116	97.0	72.8	58.2	48.5	38.8	29.1	6.68	4.46	3.34	2.67

Droplet size based on ASABE S572.1 standard.

Features	
Common Use	Unspecialized
Pattern	Off-Center Fan
Technology	Elliptical Orifice
Material	Brass
Spray Angle	80°
Pressure Range	30-60 PSI (2-4 BAR)
Configuration	Nozzle
Part Numbers	
Nozzles 80°	Caps (25 Pack)
280C02	CAP00-20
280C03	CAP00-20
280C04	CAP00-20
280C06	CAP00-20
280C08	CAP00-20
280C12	CAP00-20
280C16	CAP00-20

## METRIC UNITS

Nozzle Size	Droplet Size 80°	Pressure (BAR)	Flow Rate (LPM)	Application Rate L/Ha - 50 cm Spacing							
				7	8	10	12	15	20	25	30
02	M	2	0.65	130	98	78	65	52	39	31	26
	F	2.5	0.73	146	110	88	73	58	44	35	29
	F	3	0.80	160	120	96	80	64	48	38	32
	F	4	0.92	184	138	110	92	74	55	44	37
03	M	2	0.98	196	147	118	98	78	59	47	39
	M	2.5	1.10	220	165	132	110	88	66	53	44
	F	3	1.20	240	180	144	120	96	72	58	48
	F	4	1.39	278	209	167	139	111	83	67	56
04	M	2	1.31	262	197	157	131	105	79	63	52
	M	2.5	1.46	292	219	175	146	117	88	70	58
	M	3	1.60	320	240	192	160	128	96	77	64
	F	4	1.85	370	278	222	185	148	111	89	74
06	C	2	1.96	392	294	235	196	157	118	94	78
	M	2.5	2.19	438	329	263	219	175	131	105	88
	M	3	2.40	480	360	288	240	192	144	115	96
	M	4	2.77	554	416	332	277	222	166	133	111
08	C	2	2.61	522	392	313	261	209	157	125	104
	C	2.5	2.92	584	438	350	292	234	175	140	117
	M	3	3.20	640	480	384	320	256	192	154	128
	M	4	3.70	740	555	444	370	296	222	178	148
12	C	2	3.92	784	588	470	392	314	235	188	157
	C	2.5	4.38	876	657	526	438	350	263	210	175
	C	3	4.80	960	720	576	480	384	288	230	192
	M	4	5.54	1108	831	665	554	443	332	266	222
16	C	2	5.23	1046	785	628	523	418	314	251	209
	C	2.5	5.84	1168	876	701	584	467	350	280	234
	C	3	6.40	1280	960	768	640	512	384	307	256
	C	4	7.39	1478	1109	887	739	591	443	355	296

Droplet size based on ASABE S572.1 standard.