

# R5X

## 5-hole nozzle



### 5-hole nozzle:

- ▶ Spray angle 100°:  
holes adjusted and oriented to achieve precision and uniform spreading at reduced height  
oval holes to minimise the production of fine drops and the risk of burns
- ▶ Orientation of holes: 7° backwards  
improves the vertical point of fall and limits impacts and risks of burns  
*nozzle fitted with the tip positioned forwards*
- ▶ POM insert

**noz**al  
A broad field of applications



ISO colour code

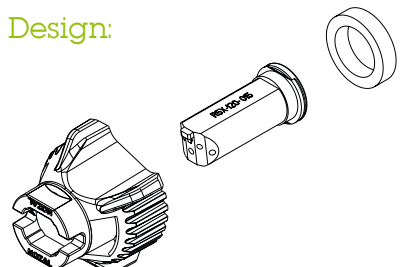


### USE CASES:

Particularly suitable for applications:

- ▶ liquid nitrogen.

### Design:



Flow ℓ/ha according to the forward speed in km/h - 0.50m nozzle spacing - values at density 1.28 for nitrogen solution

	Pressure (bar)	l/min at the nozzle Value for water	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>R5X 100 - 015 Green (25 M)**</b>	1	0.34	0.30	72	60	51	45	40	36	30	26	22	20	18
	1.5	0.42	0.37	89	74	64	56	49	44	37	32	28	25	22
	2	0.48	0.42	102	85	73	64	56	51	42	36	32	28	25
	2.5	0.54	0.48	114	95	82	71	64	57	48	41	36	32	29
	3	0.59	0.52	125	104	89	78	69	62	52	45	39	35	31
	3.5	0.63	0.56	133	111	95	83	74	67	56	48	42	37	33
	4	0.68	0.60	144	120	103	90	80	72	60	51	45	40	36
<b>R5X 100 - 02 Yellow (25 M)**</b>	1	0.46	0.40	97	81	69	61	54	49	40	35	30	27	24
	1.5	0.57	0.50	120	100	86	75	67	60	50	43	38	33	30
	2	0.65	0.57	137	114	98	86	76	69	57	49	43	38	34
	2.5	0.73	0.64	154	128	110	96	86	77	64	55	48	43	39
	3	0.8	0.70	169	141	121	106	94	84	70	60	53	47	42
	3.5	0.86	0.76	182	151	130	114	101	91	76	65	57	50	45
	4	0.92	0.81	194	162	139	121	108	97	81	69	61	54	49
<b>R5X 100 - 03 Blue (25 M)**</b>	1	0.69	0.61	146	121	104	91	81	73	61	52	46	40	36
	1.5	0.84	0.74	177	148	127	111	99	89	74	63	55	49	44
	2	0.97	0.85	205	171	146	128	114	102	85	73	64	57	51
	2.5	1.08	0.96	230	192	165	144	128	115	96	82	72	64	58
	3	1.19	1.05	251	209	180	157	140	126	105	90	79	70	63
	3.5	1.28	1.13	270	225	193	169	150	135	113	97	84	75	68
	4	1.37	1.21	289	241	207	181	161	145	121	103	90	80	72
<b>R5X 100 - 04 Red (25 M)**</b>	1	0.91	0.80	192	160	137	120	107	96	80	69	60	53	48
	1.5	1.12	0.99	237	197	169	148	131	118	99	84	74	66	59
	2	1.29	1.14	272	227	195	170	151	136	114	97	85	76	68
	2.5	1.44	1.27	304	253	217	190	169	152	127	109	95	84	76
	3	1.58	1.39	334	278	238	209	185	167	139	119	104	93	83
	3.5	1.7	1.50	359	299	256	224	199	180	150	128	112	100	90
	4	1.82	1.60	384	320	275	240	214	192	160	137	120	107	96
<b>R5X 100 - 05 Brown (25 M)**</b>	1	1.14	1.00	241	201	172	150	134	120	100	86	75	67	60
	1.5	1.39	1.22	294	245	210	183	163	147	122	105	92	82	73
	2	1.61	1.42	340	283	243	213	189	170	142	121	106	94	85
	2.5	1.8	1.58	380	317	272	238	211	190	158	136	119	106	95
	3	1.97	1.73	416	347	297	260	231	208	173	149	130	116	104
	3.5	2.12	1.87	448	373	320	280	249	224	187	160	140	124	112
	4	2.27	2.00	479	400	342	300	266	240	200	171	150	133	120
<b>R5X 100 - 06 Grey (25 M)**</b>	1	1.36	1.20	287	239	205	180	160	144	120	103	90	80	72
	1.5	1.67	1.47	353	294	252	220	196	176	147	126	110	98	88
	2	1.93	1.70	408	340	291	255	226	204	170	146	127	113	102
	2.5	2.15	1.89	454	378	324	284	252	227	189	162	142	126	114
	3	2.36	2.08	498	415	356	312	277	249	208	178	156	138	125
	3.5	2.55	2.24	539	449	385	337	299	269	224	192	168	150	135
	4	2.73	2.40	577	480	412	360	320	288	240	206	180	160	144
<b>R5X 100 - 08 White (25 M)**</b>	1	1.82	1.60	384	320	275	240	214	192	160	137	120	107	96
	1.5	2.23	1.96	471	392	336	294	262	235	196	168	147	131	118
	2	2.58	2.27	545	454	389	341	303	272	227	195	170	151	136
	2.5	2.88	2.53	608	507	434	380	338	304	253	217	190	169	152
	3	3.16	2.78	667	556	477	417	371	334	278	238	209	185	167
	3.5	3.41	3.00	720	600	514	450	400	360	300	257	225	200	180
	4	3.65	3.21	771	642	551	482	428	385	321	275	241	214	193
<b>R5X 100 - 10 (25 M)**</b>	1	2.27	2.00	479	400	342	300	266	240	200	171	150	133	120
	1.5	2.79	2.46	589	491	421	368	327	295	246	210	184	164	147
	2	3.22	2.83	680	567	486	425	378	340	283	243	213	189	170
	2.5	3.6	3.17	760	634	543	475	422	380	317	272	238	211	190
	3	3.94	3.47	832	693	594	520	462	416	347	297	260	231	208
<b>R5X 100 - 15 (25 M)**</b>	1	3.41	3.00	720	600	514	450	400	360	300	257	225	200	180
	1.5	4.18	3.68	883	736	631	552	490	441	368	315	276	245	221
	2	4.83	4.25	1020	850	729	638	567	510	425	364	319	283	255
	2.5	5.4	4.75	1140	950	815	713	634	570	475	407	356	317	285
	3	5.91	5.20	1248	1040	892	780	693	624	520	446	390	347	312

\*\* 25 M, 60 M, 80 M = recommended filtration level