Nozzles & Accessories

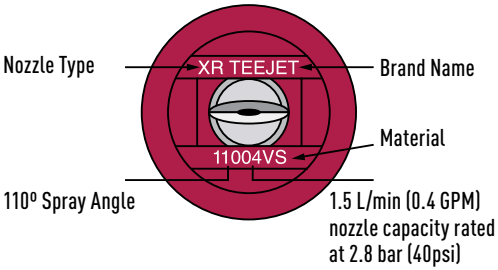
Silvan

GENUINE ACCESSORIES

Nozzle selection and maintenance are two of the most important aspects of accurate and efficient spray application. Selecta offers the largest range of nozzles from leading brands to suit your needs.

HOW TO READ AND IDENTIFY A NOZZLE

Each nozzle has a code embossed on its surface allowing the following information to be identified.



NOZZLE MATERIAL

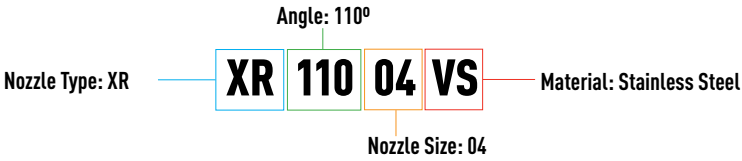
A variety of materials are available which differ by resistance to wear summarised below.

Strongest: VK (Ceramic), VS, SS (Stainless Steel)
Moderate: VP (Polymer)
Soft: VB (Brass)

Nozzles wear is increased when using abrasive chemicals, higher pressures or through heavy use.

NOZZLE CODE EXPLANATION

Example of XR Nozzle 110° spray angle, 04 size made Stainless steel (VS).



KEY	
DROPLET SIZE COLOUR REFERENCE	
VERY FINE	VF
FINE	F
MEDIUM	M
COARSE	C
VERY COARSE	VC
EXTRA COARSE	XC
ULTRA COARSE	UC

Droplet size classifications are based on BCPC specifications and in accordance with ASAE Standard S-572 at the date of printing. Classifications subject to change.

NOZZLE DROPLET SIZE

When selecting a suitable nozzle the droplet size is critical to ensure chemical is applied to target instead of being miss-applied as drift. Finer droplet sizes ensure improved coverage however they are also more prone to drift and conversely larger droplets are less prone to drift.

Droplet sizes are defined by ISO standards ranging from Very Fine to Ultra course.

Droplet size follow two trends:

- As pressure increases droplet sizes decreases
- Larger size nozzles provide larger droplets and increased flow

	XR TeeJet and XRC TeeJet						
	BAR						
	1	1.5	2	2.5	3	3.5	4
XR8001	M	F	F	F	F	F	F
XR80015	M	M	F	F	F	F	F
XR8002	M	M	M	M	F	F	F
XR8003	M	M	M	M	M	M	M
XR8004	C	M	M	M	M	M	M
XR8005	C	C	C	M	M	M	M
XR8006	C	C	C	C	C	C	C
XR8008	VC	VC	C	C	C	C	C

Small Nozzle

Large Nozzle

Low Pressure — High Pressure

TYPICAL APPLICATION RATES FOR NOZZLES SPACED 50CM APART

MESH SIZE	CODE	LIQ PRES BAR	CAP. L/MIN	APPLICATION RATE: LITRES PER HECTARE AT KM/H												
				4 KM/H	5 KM/H	6 KM/H	7 KM/H	8 KM/H	10 KM/H	12 KM/H	16 KM/H	18 KM/H	20 KM/H	25 KM/H	30 KM/H	35 KM/H
100 Mesh*	01	1.0	0.23	69.0	55.2	46.0	39.4	34.5	27.6	23.0	17.3	15.3	13.8	11.0	9.2	7.9
		1.5	0.28	84.0	67.2	56.0	48.0	42.0	33.6	28.0	21.0	18.7	16.8	13.4	11.2	9.6
		2.0	0.32	96.0	76.8	64.0	54.9	48.0	38.4	32.0	24.0	21.3	19.2	15.4	12.8	11.0
		2.5	0.36	108	86.4	72.0	61.7	54.0	43.2	36.0	27.0	24.0	21.6	17.3	14.4	12.3
		3.0	0.39	117	93.6	78.0	66.9	58.5	46.8	39.0	29.3	26.0	23.4	18.7	15.6	13.4
		3.5	0.42	126	101	84.0	72.0	63.0	50.4	42.0	31.5	28.0	25.2	20.2	16.8	14.4
		4.0	0.45	135	108	90.0	77.1	67.5	54.0	45.0	33.8	30.0	27.0	21.6	18.0	15.4
		5.0	0.50	150	120	100	85.7	75.0	60.0	50.0	37.5	33.3	30.0	24.0	20.0	17.1
		6.0	0.55	165	132	110	94.3	82.5	66.0	55.0	41.3	36.7	33.0	26.4	22.0	18.9
100 Mesh*	015	1.0	0.34	102	81.6	68.0	58.3	51.0	40.8	34.0	25.5	22.7	20.4	16.3	13.6	11.7
		1.5	0.42	126	101	84.0	72.0	63.0	50.4	42.0	31.5	28.0	25.2	20.2	16.8	14.4
		2.0	0.48	144	115	96.0	82.3	72.0	57.6	48.0	36.0	32.0	28.8	23.0	19.2	16.5
		2.5	0.54	162	130	108	92.6	81.0	64.8	54.0	40.5	36.0	32.4	25.9	21.6	18.5
		3.0	0.59	177	142	118	101	88.5	70.8	59.0	44.3	39.3	35.4	28.3	23.6	20.2
		3.5	0.64	192	154	128	110	96.0	76.8	64.0	48.0	42.7	38.4	30.7	25.6	21.9
		4.0	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3
		4.5	0.72	216	173	144	123	108	86.4	72.0	54.0	48.0	43.2	34.6	28.8	24.7
		5.0	0.76	228	182	152	130	114	91.2	76.0	57.0	50.7	45.6	36.5	30.4	26.1
		5.5	0.80	240	192	160	137	120	96.0	80.0	60.0	53.3	48.0	38.4	32.0	27.4
		6.0	0.83	249	199	166	142	125	100	83.0	62.3	55.3	49.8	39.8	33.2	28.5
		6.5	0.87	261	209	174	149	131	104	87.0	65.3	58.0	52.2	41.8	34.8	29.8
		7.0	0.90	270	216	180	154	135	108	90.0	67.5	60.0	54.0	43.2	36.0	60.9
		8.0	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9
50 Mesh*	02	1.0	0.46	138	110	92.0	78.9	69.0	55.2	46.0	34.5	30.7	27.6	22.1	18.4	15.8
		1.5	0.56	168	134	112	96.0	84.0	67.2	56.0	42.0	37.3	33.6	26.9	22.4	19.2
		2.0	0.65	195	156	130	111	97.5	78.0	65.0	48.8	43.3	39.0	31.2	26.0	22.3
		2.5	0.72	216	173	144	123	108	86.4	72.0	54.0	48.0	43.2	34.6	28.8	24.7
		3.0	0.79	237	190	158	135	119	94.8	79.0	59.3	52.7	47.4	37.9	31.6	27.1
		3.5	0.85	255	204	170	146	128	102	85.0	63.8	56.7	51.0	40.8	34.0	29.1
		4.0	0.91	273	218	182	156	137	109	91.0	68.3	60.7	54.6	43.7	36.4	31.2
		4.5	0.97	291	233	194	166	146	116	97.0	72.8	64.7	58.2	46.6	38.8	33.3
		5.0	1.02	306	245	204	175	153	122	102	76.5	68.0	61.2	49.0	40.8	35.0
		5.5	1.07	321	257	214	183	161	128	107	80.3	71.3	64.2	51.4	42.8	36.7
		6.0	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4
		6.5	1.16	348	278	232	199	174	139	116	87.0	77.3	69.6	55.7	46.4	39.8
		7.0	1.21	363	290	242	207	182	145	121	90.8	80.7	72.6	58.1	48.4	41.5
		8.0	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2
50 Mesh*	025	3.0	0.99	297	238	198	170	149	119	99.0	74.3	66.0	59.4	47.5	39.6	33.9
		3.5	1.07	321	257	214	183	161	128	107	80.3	71.3	64.2	51.4	42.8	36.7
		4.0	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1
		4.5	1.21	363	290	242	207	182	145	121	90.8	80.7	72.6	58.1	48.4	41.5
		5.0	1.28	384	307	256	219	192	154	128	96.0	85.3	76.8	61.4	51.2	43.9
		5.5	1.34	402	322	268	230	201	161	134	101	89.3	80.4	64.3	53.6	45.9
		6.0	1.40	420	336	280	240	210	168	140	105	93.3	84.0	67.2	56.0	48.0
		6.5	1.46	438	350	292	250	219	175	146	110	97.3	87.6	70.1	58.4	50.1
		7.0	1.51	453	362	302	259	227	181	151	113	101	90.6	72.5	60.4	51.8
		8.0	1.62	486	389	324	278	243	194	162	122	108	97.2	77.8	64.8	55.5
50 Mesh*	03	1.0	0.68	204	163	136	117	102	81.6	68.0	51.0	45.3	40.8	32.6	27.2	23.3
		1.5	0.83	249	199	166	142	125	100	83.0	62.3	55.3	49.8	39.8	33.2	28.5
		2.0	0.96	288	230	192	165	144	115	96.0	72.0	64.0	57.6	46.1	38.4	32.9
		2.5	1.08	324	259	216	185	162	130	108	81.0	72.0	64.8	51.8	43.2	37.0
		3.0	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5
		3.5	1.27	381	305	254	218	191	152	127	95.3	84.7	76.2	61.0	50.8	43.5
		4.0	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6
		4.5	1.45	435	348	290	249	218	174	145	109	96.7	87.0	69.6	58.0	49.7
		5.0	1.52	456	365	304	261	228	182	152	114	101	91.2	73.0	60.8	52.1
		5.5	1.60	480	384	320	274	240	192	160	120	107	96.0	76.8	64.0	54.9
		6.0	1.67	501	401	334	286	251	200	167	125	111	100	80.2	66.8	57.3
		6.5	1.74	522	418	348	298	261	209	174	131	116	104	83.5	69.6	59.7
		7.0	1.80	540	432	360	309	270	216	180	135	120	108	86.4	72.0	61.7
		8.0	1.93	579	463	386	331	290	232	193	145	129	116	92.6	77.2	66.2

** Recommended nozzle filter mesh size.*

TYPICAL APPLICATION RATES FOR NOZZLES SPACED 50CM APART

MESH SIZE	CODE	LIQ PRES BAR	CAP. L/MIN	APPLICATION RATE: LITRES PER HECTARE AT KM/H												
				4 KM/H	5 KM/H	6 KM/H	7 KM/H	8 KM/H	10 KM/H	12 KM/H	16 KM/H	18 KM/H	20 KM/H	25 KM/H	30 KM/H	35 KM/H
50 Mesh*	04	1.0	0.91	273	218	182	156	137	109	91	68.3	60.7	54.6	43.7	36.4	31.2
		1.5	1.12	336	269	224	192	168	134	112	84.0	74.7	67.2	53.8	44.8	38.4
		2.0	1.29	387	310	258	221	194	155	129	96.8	86.0	77.4	61.9	51.6	44.2
		2.5	1.44	432	346	288	247	216	173	144	108	96.0	86.4	69.1	57.6	49.4
		3.0	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2
		3.5	1.71	513	410	342	293	257	205	171	128	114	103	82.1	68.4	58.6
		4.0	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4
		4.5	1.94	582	466	388	333	291	233	194	146	129	115	93.1	77.6	66.5
		5.0	2.04	612	490	408	350	306	245	204	153	136	122	97.9	81.6	69.9
		5.5	2.14	642	514	428	367	321	257	214	161	143	128	103	85.6	73.4
		6.0	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5
		6.5	2.33	699	559	466	399	350	280	233	175	155	140	112	93.2	79.9
		7.0	2.41	725	578	482	413	362	289	241	181	161	145	116	96.4	82.6
		8.0	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5
50 Mesh*	05	1.00	1.14	342	274	228	195	171	137	114	85.5	76.0	68.4	54.7	45.6	39.1
		1.5	1.39	417	334	278	238	209	167	139	104	92.7	83.4	66.7	55.6	47.7
		2.0	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2
		2.5	1.80	540	432	360	309	270	216	180	135	120	108	86.4	72.0	61.7
		3.0	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.38	67.5
		3.5	2.13	639	511	426	365	320	256	213	160	142	128	102	85.2	73.0
		4.0	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8
		4.5	2.41	723	578	482	413	362	289	241	181	161	145	116	96.4	82.6
		5.0	2.54	762	610	508	435	381	305	254	191	169	152	122	102	87.1
		5.5	2.67	801	641	534	458	401	320	267	200	178	160	128	107	91.5
		6.0	2.79	837	670	558	478	416	335	279	209	186	167	134	112	95.7
		6.6	2.90	870	696	580	497	435	348	290	218	193	174	139	116	99.4
		7.0	3.01	903	722	602	516	452	361	301	226	201	181	144	120	103
		8.0	3.22	966	773	644	552	483	386	322	242	215	193	155	129	110
50 Mesh*	06	1.0	1.37	411	329	274	235	206	164	137	103	91.3	82.2	65.8	54.8	47.0
		1.5	1.68	504	403	336	288	252	202	168	126	112	101	80.6	67.2	57.6
		2.0	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5
		2.5	2.16	648	518	432	370	324	259	216	162	144	130	104	86.4	74.1
		3.0	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3
		3.5	2.56	768	614	512	439	384	307	256	192	171	154	123	102	87.8
		4.0	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9
50 Mesh*	08	1.0	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4
		1.5	2.23	669	535	446	382	335	268	223	167	149	134	107	89.2	76.5
		2.0	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5
		2.5	2.88	864	691	576	494	432	346	288	216	192	173	138	115	98.7
		3.0	3.16	948	758	632	542	474	379	316	237	211	190	152	126	108
		3.5	3.41	1023	818	682	585	512	409	341	256	227	205	164	136	117
		4.0	3.65	1095	876	730	626	548	438	365	274	243	219	175	146	125
50 Mesh*	10	1.0	2.28	684	547	456	391	342	274	228	171	152	137	109	91.2	78.2
		1.5	2.79	837	670	558	478	419	335	279	209	186	167	134	112	95.7
		2.0	3.23	969	775	646	554	485	388	323	242	215	194	155	129	111
		3.0	3.95	1185	948	790	677	593	474	395	296	263	237	190	158	135
		4.0	4.56	1368	1094	912	782	684	547	456	342	304	274	219	182	156
50 Mesh*	15	1.0	3.42	1026	821	684	586	513	410	342	257	228	205	164	137	117
		1.5	4.19	1257	1006	838	718	629	503	419	314	279	251	201	168	144
		2.0	4.83	1449	1159	966	828	725	580	483	362	322	290	232	193	166
		3.0	5.92	1776	1421	1184	1015	888	710	592	444	395	355	284	237	203
		4.0	6.84	2052	1642	1368	1173	1026	821	684	513	456	410	328	274	235

** Recommended nozzle filter mesh size.*

NOZZLE APPLICATION RATES

The previous two pages display the ISO std application rates which apply to most nozzles.

Nozzles are colour coded according to L/min output size at 2.8 bar.

For example: All Yellow 02 nozzles at 2.8 bar (40psi) have a flow rate of 0.2 US Gallons (0.75L/min).

Note: Each nozzle type has a different droplet size profile.

SELECTING THE RIGHT SIZE NOZZLE

Application rates can be adjusted by pressure, vehicle speed and nozzle size.

Pressure can change droplet size and increase nozzles wear. Vehicle speed is an inaccurate method of adjusting output; higher speeds leads to increased bumps and vibration which is hard on equipment that can lead to critical failures. High speeds can also cause boom yaw, effectively changing boom height, leading to uneven spray application.

Nozzle size is the ideal and easiest way to select a suitable nozzle as you can change the output rate without significant changes to the machinery.

TO SELECT A NOZZLE

	XR TeeJet and XRC TeeJet						
	BAR						
	1	1.5	2	2.5	3	3.5	4
XR8001	M	F	F	F	F	F	F
XR80015	M	M	F	F	F	F	F
XR8002	M	M	M	M	F	F	F
XR8003	M	M	M	M	M	M	M
XR8004	C	M	M	M	M	M	M
XR8005	C	C	C	M	M	M	M
XR8006	C	C	C	C	C	C	C
XR8008	VC	VC	C	C	C	C	C

Drop Size

1. You need to know your preferred safe vehicle speed.
2. Define your required droplet size & application rate eg. Medium droplet at 70L/h

Check the Droplet chart and you can see that a yellow 02 nozzle will provide a medium droplet at 2 and 2.5 bar.

3. Confirm against the Application Rates table the nozzle can put out the required 70 L/ha at 2 or 2.5 bar.

In the example above, a yellow 02 nozzle will be suited for use at 2.5.

WHAT DROPLET SIZE DO I REQUIRE?

The manufacturer of your chemical recommends suitable droplet sizes on the Chemical label ranging from Very Fine to Ultra Course. Alternatively refer to your agronomist.

Nozzles that produce fine droplets are recommended for post-emergence applications, which require excellent coverage on the intended target area. The most common nozzles used in agriculture are those that produce medium sized droplets. Nozzles producing medium and coarse-sized droplets can be used for contact and systemic herbicides, pre emergence surface-applied herbicides, insecticides and fungicides.

Remember, as droplet size is reduced the drift potential is increased. Where possible, choose nozzles with a slightly coarser droplet size to reduce the risk potential. Review the nozzle Droplet size charts for the appropriate nozzles capable of the required droplet size.

UNIVERSAL APPLICATION RATE CHART FOR 50 CM TIP SPACING

TIP CAPACITY	LIQUID PRESSURE IN BAR	CAPACITY 1 NOZZLE IN L/MIN	L/HA – 50CM NOZZLE SPACING			Speed	
			4 KM/H	6 KM/H	8 KM/H	10 KM/H	12 KM/H
01	1.0	0.23	69.0	46.0	34.5	27.6	23.0
	1.5	0.28	84.0	56.0	42.0	33.6	28.0
	2.0	0.32	96.0	64.0	48.0	38.4	32.0
	3.0	0.39	117	78.0	58.5	46.8	39.0
	4.0	0.45	135	90.0	67.5	54.0	45.0
	5.0	0.50	150	100	75.0	60.0	50.0
	6.0	0.55	165	110	82.5	66.0	55.0
	7.0	0.60	180	120	90.0	72.0	60.0
015	1.0	0.34	102	68.0	51.0	40.8	34.0
	1.5	0.42	126	84.0	63.0	50.4	42.0
	2.0	0.48	144	96.0	72.0	57.6	48.0
	3.0	0.59	177	118	88.5	70.8	59.0
	4.0	0.68	204	136	102	81.6	68.0
	5.0	0.76	228	152	114	91.2	76.0
	6.0	0.83	249	166	125	99.6	83.0
	7.0	0.90	270	180	135	108	90.0
02	1.0	0.46	138	92.0	69.0	55.2	46.0
	1.5	0.56	168	112	84.0	67.2	56.0
	2.0	0.65	195	130	97.5	78.0	65.0
	3.0	0.79	237	158	119	94.8	79.0
	4.0	0.91	273	182	137	109	91.0
	5.0	1.02	306	204	153	122	102
	6.0	1.12	336	224	168	134	112
	7.0	1.21	363	242	182	145	121

Rate

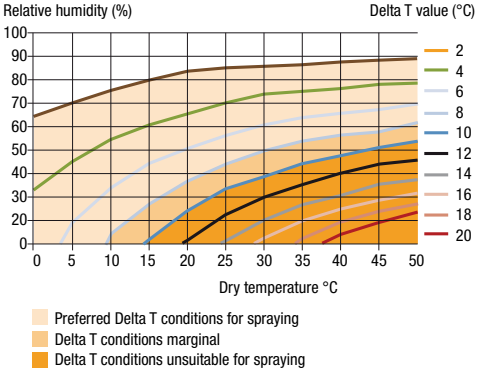
Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).

WHEN IS IT RIGHT TO SPRAY?

The weather has major impact on spraying conditions.

The effects of Wind on spraying can be very clear and easy to see but temperature and humidity also have critical effects that can be measured by a Delta T.

Delta T is a relative measure of Humidity vs Temperature summarised in the table (right) that indicates suitability of spray conditions. Preferably spraying should occur when Delta T is between 2 and 8; a higher Delta T has an increased chance for drift caused by evaporation when water based spraying.



WIND SPEED AND SPRAYING

Wind speeds are critical when spraying. If conditions are too windy, chemicals may not be applied correctly to the target crop leading to poor results, increased drift and possible off target damage. The table below offers a simple method of assessing wind speeds, otherwise can be more accurately measured using a Wind Meter.

Approx. Airspeed at Boom Height	Description	Visible Signs	Spraying
Less than 2 km/h	Calm	Smoke rises vertically	Spraying inadvisable
2-3.3 km/h	Light air	Direction shown by smoke drift	Avoid spraying
3.2-6.5 km/h	Light breeze	Leaves rustle, wind felt on face	Ideal spraying
6.5-9.6 km/h	Gentle breeze	Leaves & twigs in constant motion	Use low drift nozzles (medium droplets)
9.6-14.5 km/h	Moderate	Small branches moved raises dust or loose paper	Use air induction nozzles (coarse droplets)

BOOM SPRAY CALIBRATION INFORMATION

Equipment information		
Date	Tractor	RPM
Gear	Spray plant	Pressure
Size, number & spacing of nozzles		

CALCULATE SPEED IN KILOMETRES PER HOUR

$$\frac{3.6 \times \text{metres}}{\text{Seconds}} = \text{km/h} \qquad \frac{3.6 \times \square \text{ metres}}{\square \text{ seconds}} = \text{km/h}$$

$$\frac{600 \times \text{litres per minute}}{\text{Boom width (m)} \times \text{speed (km/h)}} = \text{Litres per hectare}$$

$$\frac{600 \times \text{L}}{\text{m} \times \text{km/h}} = \frac{\square}{\square} = \square \text{ Litres per hectare}$$

CALCULATE CHEMICAL TO ADD TO TANK

$$\frac{\text{Tank capacity (L)} \times \text{chemical rate (L/ha)}}{\text{Output (L/ha)}} = \text{Chemical required per tank}$$

$$\frac{\text{(L)} \ \square \times \square \ \text{(L/ha)}}{\text{Output} \ \square \ \text{(L/ha)}} = \square \ \text{(L)}$$

Amount of chemical to add per tank

FACTORS AFFECTING CALIBRATION OF BOOM SPRAYS

1. Application rate in Litres per hectare.

2. Travel Speed of Tractor.

The tractor travel speed is the most important variable in sprayer performance. A 10% change in tractor speed gives a 10% change in application rate. This can lead to over or under application of chemicals. Determine the speed by measuring 100 metres then time in seconds how long it takes to cover the 100 metres. If spraying in hilly terrain time distance both up hill and down hill and average the results.

THE FORMULA FOR SPEED IS:

$$\text{km/h} = \frac{360}{\text{Time in seconds for 100 metres}}$$

3. Nozzle Spacing on boom

(Std nozzle spacing is 50 cm).

4. Calculate required output per nozzle:

$$\text{L/min/nozzle} = \frac{\text{L/ha} \times \text{km/h} \times \text{nozzle spacing (cm)}}{60{,}000}$$

$$\text{e.g.} \ \frac{100 \times 10 \times 50}{60{,}000} = 0.83 \ \text{L/min/nozzle}$$

Where application rate is: 100 L/Ha, speed is 10 km/h and nozzle spacing is 50 cm.
Use the nozzle output charts to select the correct nozzle tip for your application.

5. Check the calibration procedure

Use a measuring jug and stopwatch to check the output of several nozzles across the boom at the recommended pressure. If the outputs vary slightly from the chart then adjust the pressure in the system to achieve the correct volume. If nozzle flow rates are greater than 5% above or below the manufacturer's charts then the whole sprayer system needs to be checked for leaks, blockages etc,cleaned out and the calibration process repeated until accuracy is attained. The nozzle charts also allow application rates to be determined if the tractor speed, the nozzle and the spraying pressure are known.

Geoline, manufacturers of world class agricultural spraying accessories and components have released a range of ISO standard spray nozzles exclusive to Silvan.

Ideal for many applications where spray coverage and drift management is important, the Geoline nozzles offer excellent results.

FLAT FAN POLY NOZZLE RS SERIES

- Air-induction flat-spray tip
- Spray angle: 110°
- Spray height = 50 cm
- Pressure recommended ranges from 1.5 to 4 bar
- Low Drift at low pressure. Increased coverage and drift potential at higher pressure

GEOline AGRICULTURAL SPRAY PRODUCTS

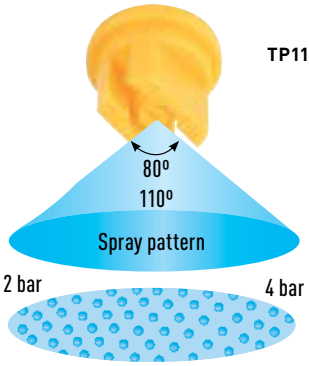
RRP $2.33 EACH

	FLAT FAN POLY NOZZLE RS SERIES					
	BAR					
	1.5	2	2.5	3	3.5	4
RS110015	F	F	F	F	F	F
RS11002	F	F	F	F	F	F
RS11003	M	F	F	F	F	F
RS11004	M	M	M	F	F	F

CODE	NOZZLE PACKETS	ANGLE	SIZES AVAILABLE	LIST EX	LIST INC	CAT
RS110015	TIP RS 110 015 Poly PKT 24	110º	015,02,03,04	$53.64	$59.00	B
*** DENOTES SIZE REQUIRED. TO ORDER ADD THE SIZE IN PLACE OF ***						
Note: Automatic spray alignment order cap G8253000 and gasket 402200-040						

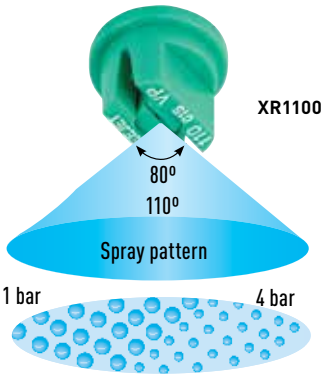
TP FLAT FAN STANDARD

- Single piece nozzle with even coverage
- Pressure Range: 2-4 Bar
- Poly material available



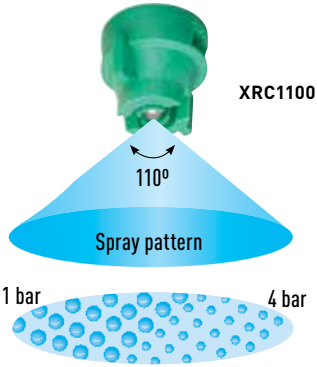
XR EXTENDED RANGE

- Single piece nozzle with even coverage
- Pressure Range: 1-4 Bar
- Poly and Ceramic material available
- Low Drift at low pressure. Increased coverage and drift potential at higher pressure



XRC EXTENDED RANGE

- Same droplet size as XR Nozzle with added convenience of a moulded Quick TeeJet cap for easy fitment and automatic alignment
- Single piece nozzle with even coverage
- Pressure Range: 1-4 Bar
- Poly material
- Low Drift at low pressure. Increased coverage and drift potential at higher pressure



REFER TO PAGES 88-90 FOR AUTOMATIC ALIGNMENT CAP & GASKET

ISO DROPLET SIZE INFORMATION

	TP TeeJet				
	BAR				
	2	2.5	3	3.5	4
TP8001	F	F	F	F	F
TP80015	F	F	F	F	F
TP8002	M	M	F	F	F
TP8003	M	M	M	M	M
TP8004	M	M	M	M	M
TP8005	C	M	M	M	M
TP8006	C	C	C	C	C
TP8008	C	C	C	C	C
TP11001	F	F	F	VF	VF
TP110015	F	F	F	F	F
TP11002	F	F	F	F	F
TP11003	F	F	F	F	F
TP11004	M	M	M	F	F
TP11005	M	M	M	M	M
TP11006	M	M	M	M	M
TP11008	C	C	M	M	M

For ISO application rates see pages 68-69.

	XR TeeJet and XRC TeeJet						
	BAR						
	1	1.5	2	2.5	3	3.5	4
XR8001	M	F	F	F	F	F	F
XR80015	M	M	F	F	F	F	F
XR8002	M	M	M	M	F	F	F
XR8003	M	M	M	M	M	M	M
XR8004	C	M	M	M	M	M	M
XR8005	C	C	C	M	M	M	M
XR8006	C	C	C	C	C	C	C
XR8008	VC	VC	C	C	C	C	C
XR11001	F	F	F	F	F	VF	VF
XR110015	F	F	F	F	F	F	F
XR11002	M	F	F	F	F	F	F
XR110025	M	M	F	F	F	F	F
XR11003	M	M	F	F	F	F	F
XR11004	M	M	M	M	M	F	F
XR11005	C	M	M	M	M	M	M
XR11006	C	C	M	M	M	M	M
XR11008	C	C	C	C	M	M	M

XRC produce same droplet as XR.

CODE	ANGLE	DESCRIPTION	SIZES AVAILABLE	LIST EX	LIST INC	CAT
TP110***-VP	110º	TP - Flat Fan - Poly	015,02,03,04,05,06,08	$2.55	$2.80	B
TP80***-VP	80º	TP - Flat Fan - Poly	015,02,03,04,05,06,08	$2.55	$2.80	B
XR110***-VP	110º	XR - Flat Fan - Poly	015,02,03,04,05,06,08	$6.00	$6.60	B
XR110***-VK	110º	XR - Flat Fan - Ceramic	02,025,03,04,05,06,08	$10.00	$11.00	B
XR80***-VK	80º	XR - Flat Fan - Ceramic	03,04,05,06,08	$10.00	$11.00	B
XRC110***-VK	110º	XRC - Flat Fan - Ceramic with Moulded Cap	025,03,04,05,06,08	$10.91	$12.00	B
10 PACK NOZZLES:						
PKT-TP110***-VP	110º	VisiFlo - Flat Fan - Poly 10 Pk	015,02,03,04,05,06,08	$26.36	$29.00	B
PKT-XR110***-VP	110º	XR - Flat Fan - Poly 10 Pk	015,02,03,04,05,06,08	$63.64	$70.00	B
*** DENOTES SIZE REQUIRED. TO ORDER ADD THE SIZE IN PLACE OF ***. EG TP11004VP						

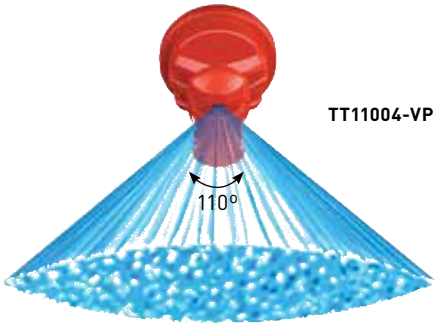
DRIFT GUARD SPRAY TIPS

- Pre-orifice design produces larger droplets and reduces the small drift prone droplets, minimising off-target spray contamination
- Tapered edge flat spray pattern provides uniform coverage when adjacent nozzle patterns are overlapped in broadcast spraying
- The colour-coded pre-orifice is removable for any necessary cleaning operations
- Poly & Stainless steel material available

DG11004-VS

TURBO TEEJET FLAT SPRAY TIPS

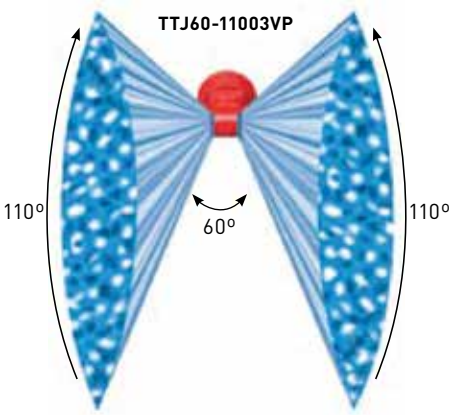
- Tapered edge wide angle pattern for uniform coverage in broadcast spraying
- Large, rounded internal passage to minimise clogging
- Larger droplets for less drift 15-90 psi (1-6 bar)
- Poly material



TT11004-VP

TURBO TWINJET SPRAY TIPS

- All the features of the TT Turbo TeeJet, but with a double outlet nozzle that helps reduce spray drift
- Excellent canopy coverage and penetration while delivering excellent drift resistance
- Spraying pressure 20-90 psi (1.5-6 bar), ideal for use with automatic sprayrate controllers
- Best suited to applications where superior leaf coverage and canopy penetration is important
- Poly material



REFER TO PAGES 88-90 FOR AUTOMATIC ALIGNMENT CAP & GASKET

ISO DROPLET SIZE INFORMATION

	DG TeeJet				
	BAR				
	2	2.5	3	3.5	4
DG110015	M	F	F	F	F
DG11002	M	M	M	M	M
DG11003	C	M	M	M	M
DG11004	C	C	M	M	M
DG11005	C	C	C	M	M

	Turbo TeeJet										
	BAR										
	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
TT11001	C	M	M	M	F	F	F	F	F	F	F
TT110015	C	C	M	M	M	M	M	F	F	F	F
TT11002	C	C	C	M	M	M	M	M	M	M	F
TT110025	VC	C	C	M	M	M	M	M	M	M	M
TT11003	VC	C	C	C	C	M	M	M	M	M	M
TT11004	XC	VC	C	C	C	C	C	C	M	M	M
TT11005	XC	VC	VC	VC	C	C	C	C	C	M	M
TT11006	XC	VC	VC	VC	C	C	C	C	C	C	M
TT11008	XC	XC	VC	VC	C	C	C	C	C	C	M

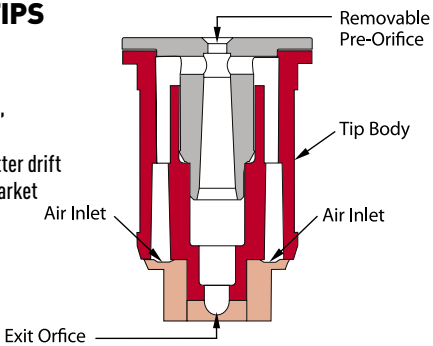
	Turbo Twinjet (TTJ60)									
	BAR									
	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
TTJ60-11002	C	C	C	C	M	M	M	M	M	M
TTJ60-110025	VC	C	C	C	C	C	C	M	M	M
TTJ60-11003	VC	C	C	C	C	C	C	C	M	M
TTJ60-11004	VC	C	C	C	C	C	C	C	C	M
TTJ60-11005	VC	C	C	C	C	C	C	C	C	C
TTJ60-11006	XC	VC	C	C	C	C	C	C	C	C

CODE	ANGLE	DESCRIPTION	SIZES AVAILABLE	LIST EX	LIST INC	CAT
DG110***-VP	110º	Polymer - Drift Guard Even Flat Fan	015,02,03,04,05	$11.82	$13.00	B
DG110***-VS	110º	Stainless Steel - Drift Guard Even Flat Fan	015,02,03,04,05	$22.73	$25.00	B
TT110***-VP	110º	Poly - Turbo Wide Angle Flat Fan	01,015,02,025,03,04,05,06,08	$10.91	$12.00	B
TTJ60-110***VP		Poly - Turbo Twinjet Wide Angle Flat Fan	02,025,03,04,05,06	$15.45	$17.00	B

*** DENOTES SIZE REQUIRED. TO ORDER ADD THE SIZE IN PLACE OF ***

AIXR AIR INDUCTION SPRAY TIPS

- Pressure range 15-90 psi (1-6 bar)
- Made of a two-piece polymer construction. Excellent chemical resistance, including acids, as well as exceptional wear life
- A lower pressure air inducted nozzle offers better drift management and suitable for the broadacre market
- Compact size to prevent tip damage and removable pre-orifice
- Depending on the chemical, produces large air-filled drops through a Venturi air aspirator

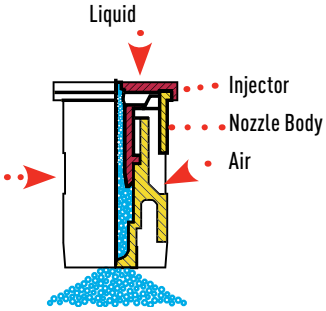


AIXR110___-VP Spray Tip
(Cross Section View)

AIXR11002-VP

IDK AIR INJECTED NOZZLE

- Air-aspirating flat-spray tip
- Pressure Range:
  – Spray angle 120º all Poly nozzle
  – IDK-01 to 03, 20-90 psi (1.5 - 6 bar)
  – IDK-04, 15-90 psi (1 - 6 bar)
- More suitable for lower pressures
- Hard-wearing and non-clogging thanks to lateral air-aspirating channels of ample size

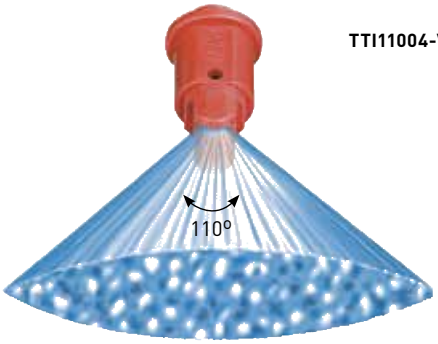


IDK12004P

LECHLER

TURBO TEEJET INDUCTION FLAT SPRAY TIPS

- Compact size to prevent tip damage and removable pre-orifice for easy cleaning
- Large droplets are produced through a venturi air aspirator resulting in less drift
- Wide operating pressure 15-105 psi (1-7bar) producing extra coarse droplets
- Ideal for use with automatic rate controllers
- Poly material



TTI11004-VP

REFER TO PAGES 88-90 FOR AUTOMATIC ALIGNMENT CAP & GASKET

ISO DROPLET SIZE INFORMATION

AIXR TeeJet	BAR										
	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
AIXR110015	XC	VC	VC	C	C	C	C	M	M	M	M
AIXR11002	XC	XC	VC	VC	C	C	C	C	C	M	M
AIXR110025	XC	XC	XC	VC	VC	C	C	C	C	C	C
AIXR11003	XC	XC	XC	VC	VC	C	C	C	C	C	C
AIXR11004	UC	XC	XC	XC	VC	VC	VC	C	C	C	C
AIXR11005	UC	XC	XC	XC	XC	VC	VC	VC	C	C	C
AIXR11006	UC	XC	XC	XC	XC	VC	VC	VC	C	C	C

IDK Lechler	BAR						
	1.5	2	2.5	3	4	5	6
IDK12001	C	C	C	M	M	M	F
IDK120015	C	C	C	C	M	M	F
IDK12002	C	C	C	C	M	M	F
IDK120025	VC	VC	C	C	C	M	M
IDK12003	VC	VC	VC	C	C	M	M
IDK12004	VC	VC	VC	VC	C	C	M

Turbo TeeJet Induction (TTI)	BAR											
	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	7
TTI110015	UC	UC	UC	UC	UC	UC	XC	XC	XC	XC	XC	XC
TTI11002	UC	UC	UC	UC	UC	UC	UC	UC	XC	XC	XC	XC
TTI110025	UC	UC	UC	UC	UC	UC	UC	UC	XC	XC	XC	XC
TTI11003	UC	UC	UC	UC	UC	UC	UC	UC	XC	XC	XC	XC
TTI11004	UC	UC	UC	UC	UC	UC	UC	UC	XC	XC	XC	XC
TTI11005	UC	UC	UC	UC	UC	UC	UC	UC	XC	XC	XC	XC
TTI11006	UC	UC	UC	UC	UC	UC	UC	UC	XC	XC	XC	XC

CODE	ANG	DESCRIPTION	SIZES AVAILABLE	LIST EX	LIST INC	CAT
AIXR110***-VP	110º	Poly - Air Induction Spray Tip	015,02,025,03,04,05,06	$13.64	$15.00	B
IDK120***P	120º	Poly - Air Injected Spray Tip	01,015,02,025,03,04	$12.73	$14.00	B
IDK120***C	120º	Ceramic - Air Injected Spray Tip	015,02,025,03,04	$25.45	$28.00	B
TTI110***-VP	110º	Poly - Turbo Induction Spray Tip	015,02,025,03,04,05,06	$13.64	$15.00	B
10 PACK NOZZLES:						
PKT-AIXR110***-VP	110º	10 Pk Poly - Turbo Wide Angle Flat Spray Tip	015,02,03,04	$130.00	$143.00	B

*** DENOTES SIZE REQUIRED. TO ORDER ADD THE SIZE IN PLACE OF ***

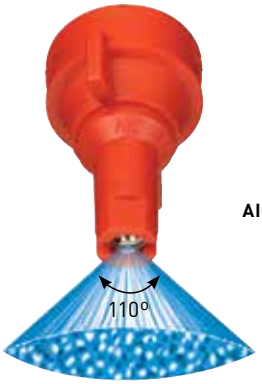
AI AIR INDUCTION SPRAY TIPS

- Stainless steel insert produces tapered edge flat spray 110º pattern for uniform coverage in broadcast spraying
- Polymer insert holder and pre-orifice with VisiFlo colour-coding
- Larger droplets for less drift
- Depending on the chemical, produces large air-filled drops through the use of a venturi air aspirator
- Pressure ranges from 2 – 8 bar

AI11004-VS

AIC AIR INDUCTION SPRAY TIPS

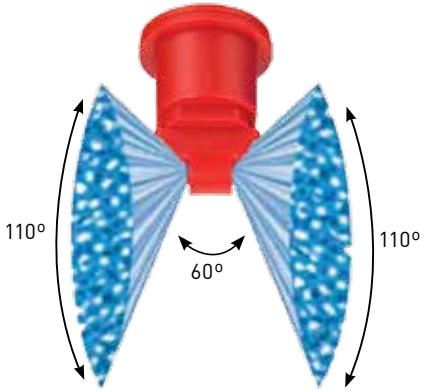
- Same droplet size as AI nozzles with added convenience of a moulded nozzle cap
- Available in stainless steel and ceramic inserts, produces tapered edge flat spray pattern for uniform coverage in broadcast spraying
- Polymer insert holder and pre-orifice with VisiFlo colour-coding
- Larger droplets for less drift
- Depending on the chemical, produces large air-filled drops through the use of a Venturi air aspirator
- AI TeeJet nozzle molded into Quick TeeJet cap provides automatic spray alignment
- Includes tightly fitting washer that assures a good seal



AIC11004-VS

AITTJ60 AIR INDUCTION TURBO TWINJET

- Air induction with dual 110° flat fan patterns
- 60° between leading and trailing spray patterns
- Good coverage with increased canopy penetration and best drift control
- Best suited for postemergence applications
- Excellent drift control with coarse to very coarse droplets
- Available in VisiFlo color coded capacities (02 through 06)
- Pressure ranges from 1.5 – 6 bar (20 – 90 PSI)



AITTJ60-11004VP

REFER TO PAGES 88-90 FOR AUTOMATIC ALIGNMENT CAP & GASKET

ISO DROPLET SIZE INFORMATION

	AI TeeJet and AIC TeeJet											
	BAR											
	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	8
AI110015	UC	XC	XC	XC	XC	VC	VC	VC	VC	C	C	C
AI11002	UC	XC	XC	XC	XC	VC	VC	VC	VC	C	C	C
AI110025	UC	UC	XC	XC	XC	XC	VC	VC	VC	VC	C	C
AI11003	UC	UC	XC	XC	XC	XC	VC	VC	VC	VC	C	C
AI11004	UC	UC	XC	XC	XC	XC	VC	VC	VC	VC	C	C
AI11005	UC	UC	XC	XC	XC	XC	VC	VC	VC	VC	C	C
AI11006	UC	UC	XC	XC	XC	XC	XC	VC	VC	VC	VC	C
AI11008	UC	UC	UC	XC	XC	XC	XC	VC	VC	VC	VC	C
AI11010*	UC	UC	UC	XC	XC	XC	XC	XC	VC	VC	VC	C

CODE	ANG	DESCRIPTION	SIZES AVAILABLE	LIST EX	LIST INC	CAT
AI110***-VS	110º	Air Induction Flat Spray Tip - Stainless Steel	015,02,03,04,05,06,08	$30.00	$33.00	B
AIC110***-VS	110º	Air Induction Spray Tip With Cap & Gasket - S/Steel	015,02,025,04,06,08,10,15	$30.00	$33.00	B
AIC110***-VK	110º	Air Induction Spray Tip With Cap & Gasket - Ceramic	025,03,04,05	$25.45	$28.00	B
AITTJ60-110**VP	110º	Air Induction Turbo Twinjet - Poly	02,025,03,04,05,06	$18.18	$20.00	B
*** DENOTES SIZE REQUIRED. TO ORDER ADD THE SIZE IN PLACE OF ***						

FERTILISER NOZZLES

STREAMJET SJ-3 FERTILISER (3 STREAM)

- Removable metering orifice for easy cleaning
- Equally spaced distribution at 20" (50 cm) h
- Use with Quick TeeJet cap 25598-*-NYR
- All acetal construction for excellent chemical resistance
- Recommended operating pressure: 1.5–4 bar (20–60 psi)

SJ3

CODE	DESCRIPTION	SIZES AVAILABLE	LIST EX	LIST INC	CAT
SJ3-***-VP	Poly - 3 Stream Streamjet Fertilizer Nozzles	015,02,03,04,05,06,08,10,15,20	$22.73	$25.00	B
*** DENOTES SIZE REQUIRED. TO ORDER ADD THE SIZE IN PLACE OF ***					

LURMARK DEFLECTIP 80º–145º

LC-15

The Lurmark Deflectip produces a wide angled even spray (from 80 to 145 degrees depending on pump pressure) making it ideal for banding pre and post emergent herbicides.

- Large orifice produces coarser droplets which are less prone to drift and blocking
- Fits in most nozzle caps
- Precision moulded in tough and durable polyacetal, with a spray angle tolerance of +/- 5%

CODE	ANGLE	DESCRIPTION	SIZES AVAILABLE	LIST EX	LIST INC	CAT
LC-**	80º -145º	Poly - Lurmark Deflectip Spray Nozzle	15,20	$7.36	$8.10	B

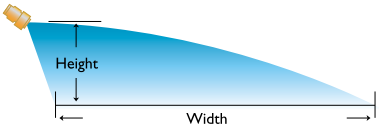
PART NUMBER (REC FILTER MESH)		SPRAY ANGLE	SPRAY WIDTH* (50CM HEIGHT)	PRESS. BAR	FLOW L/MIN	SINGLE NOZZLE APPLICATION RATES L/HA AT KM/H 2KPH	3KPH	4KPH	5KPH
BLUE	LC-15 (100#)	105°	1.30m	1.0	0.68	157	105	79	63
				2.0	0.97	223	148	111	89
				3.0	1.18	273	182	136	109
RED	LC-20 (50#)	105°	1.30m	1.0	0.91	210	140	105	84
				2.0	1.29	298	198	149	119
				3.0	1.58	365	243	182	146

Note: Spray angle and widths given are at 3 Bar.

BRASS OFF-CENTRE – SMALL CAPACITY

G8259139

These spray tips are commonly installed in double and single swivel nozzle bodies.
A wide spray swath is easily obtained from the bodies' easily adjustable angular position.



CODE	BAR	L/MIN	H = 45CM L/HA W (CM)	4 KM/H	6 KM	8 KM	10 KM	H = 60CM L/HA W(CM)	4 KM/H	6 KM	8 KM	10 KM
G8259139 OC-02	2.0	0.65	172	56.7	37.8	28.3	22.7	190	51.3	34.2	25.7	20.5
	3.0	0.79	177	66.9	44.6	33.5	26.8	195	60.8	40.5	30.4	24.3
	4.0	0.91	182	75.0	50.0	37.5	30.0	198	68.9	46.0	34.5	27.6
G8259140 OC-03	2.0	0.96	195	73.8	49.2	36.9	29.5	203	70.9	47.3	35.5	28.4
	3.0	1.18	203	87.2	58.1	43.6	34.9	210	84.3	56.2	42.1	33.7
	4.0	1.36	208	98.1	65.4	49.0	39.2	215	94.9	63.3	47.4	38.0
G8259141 OC-04	2.0	1.29	231	83.8	55.8	41.9	33.5	236	82.0	54.7	41.0	32.8
	3.0	1.58	236	100	66.9	50.2	40.2	238	99.6	66.4	49.8	39.8
	4.0	1.82	238	115	76.5	57.4	45.9	241	113	75.5	56.6	45.3
G8259142 OC-06	2.0	1.94	251	116	77.3	58.0	46.4	274	106	70.8	53.1	42.5
	3.0	2.37	256	139	92.6	69.4	55.5	279	127	84.9	63.7	51.0
	4.0	2.74	259	159	106	79.3	63.5	281	146	97.5	73.1	58.5

CODE	DESCRIPTION	SIZES AVAILABLE	LIST EX	LIST INC	CAT
G8259***	Brass - Geoline Off Centre Nozzle	02,03,04,06,08,16	$18.18	$20.00	B
OC-**	Brass - TeeJet Off Centre Nozzle	01,02,03,04,06,08,12,16	$26.36	$29.00	B

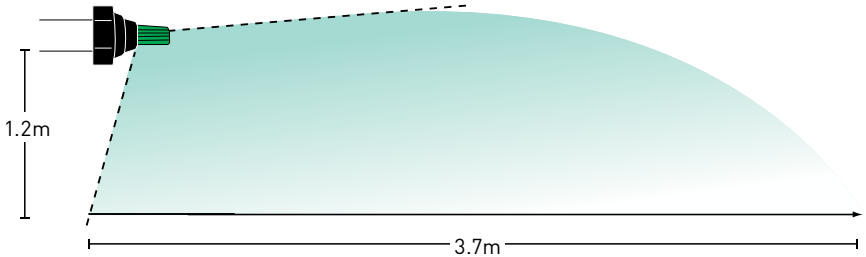
*** DENOTES SIZE REQUIRED. TO ORDER ADD THE SIZE IN PLACE OF ***

HYPRO BOOMLESS NOZZLES

Eliminate the need for a spraying boom with the durable boomless nozzle that provides efficient spray.

- Ideal for applications where a conventional boom cannot be used due to obstacles, such as power poles, fences, trees, etc.
- Common uses include orchard, vineyard, forestry, pasture, turf and golf course spraying, as well as maintaining fence lines
- Designed for herbicide or fertiliser application
- Coarse droplet size, excellent low drift option while extending spray reach
- Maintains a consistent and adjustable spray swath over a pressure range of 30-60 PSI
- Includes quick connect cap and gasket for easy handling
- Excellent durability and low maintenance
- Also available as a spray kit (see page 29)

PICTURED M99-75 WITH TWO FC-XT010 NOZZLES



CODE	PRESSURE	L/MIN	SWATH WIDTH	L/HA 6 KM/H	L/HA 8 KM/H	L/HA 12 KM/H	L/HA 16 KM/H	LIST EX	LIST INC	CAT
FC-XT010	2 Bar/30psi	3.2	3.7	83	62	41	31	$80.00	$88.00	B
FC-XT020	2 Bar/30psi	6.4	4.8	134	101	67	50	$80.00	$88.00	B
FC-XT024	2 Bar/30psi	7.7	4.9	158	118	79	59	$80.00	$88.00	B

HOLLOW CONE NOZZLES (HCC)

The ceramic hollow cone nozzles are designed for creating small droplets ideal for foliar of insecticides and fungicides and are constructed with a moulded outer over a ceramic insert that is mated to a turbulence chamber and counter-swirling device easily separated for cleaning. The ceramic nozzle allows for long lasting life and the vortexing action in the nozzle provides a 80° spray angle between 3-5 bar, but works well at both high and low operation pressures. The ceramic hollow cone nozzles are the offered alternative to the Albuz ATR Hollow cone nozzles.

HCC

	HCC Spray-Jet						
	BAR						
	3	4	5	6	8	10	15
HCC005	VF	VF	VF	VF	VF	VF	VF
HCC0075	F	VF	VF	VF	VF	VF	VF
HCC01	F	VF	VF	VF	VF	VF	VF
HCC015	F	F	VF	VF	VF	VF	VF
HCC02	F	F	F	VF	VF	VF	VF
HCC025	F	F	F	VF	VF	VF	VF
HCC03	F	F	F	VF	VF	VF	VF
HCC035	F	F	F	VF	VF	VF	VF
HCC04	F	F	F	F	F	VF	VF
HCC05	F	F	F	F	F	F	VF

HOLLOW CONE NOZZLES (TX)

VisiFlo colour-coded version consists of ceramic orifice in polypropylene body. Maximum operating pressure 20 bar. Spray angle is 80º at 7 bar. Finely atomised spray pattern provides thorough coverage.

Excellent: Post – Emergence Contact herbicides, fungicides and insecticides ensures finely atomised spray droplets reach target areas.

Good: With defoliants & foliar fertilisers at 3 bar pressure and above.

TX

CODE	ANG	DESCRIPTION	SIZES AVAILABLE	LIST EX	LIST INC	CAT
HCC***	80º	Ceramic-Hollow Cone Nozzle	005,0075,01,015,02,025,03,035,04,05	$11.82	$13.00	B
TX-VK**	80º	Ceramic-Conejet Hollow Cone Nozzle	3,4,6,8,10,12,18,26	$15.45	$17.00	B

*** DENOTES SIZE REQUIRED. TO ORDER ADD THE SIZE IN PLACE OF ***

HCC NOZZLES APPLICATION RATES

	BAR	L/MIN
HCC005	3	0.19
	4	0.22
	6	0.27
	8	0.31
	10	0.35
	12	0.38
	15	0.42
	20	0.49
HCC0075	3	0.3
	4	0.35
	6	0.42
	8	0.49
	10	0.55
	12	0.6
	15	0.67
	20	0.77
HCC01	3	0.4
	4	0.46
	6	0.57
	8	0.65
	10	0.73
	12	0.8
	15	0.89
	20	1.03
HCC015	3	0.6
	4	0.69
	6	0.85
	8	0.98
	10	1.1
	12	1.2
	15	1.34
	20	1.55
HCC02	3	0.8
	4	0.92
	6	1.13
	8	1.31
	10	1.46
	12	1.6
	15	1.79
	20	2.07

	BAR	L/MIN
HCC025	3	1
	4	1.15
	6	1.41
	8	1.63
	10	1.83
	12	2
	15	2.24
	20	2.58
HCC03	3	1.2
	4	1.39
	6	1.7
	8	1.96
	10	2.19
	12	2.4
	15	2.68
	20	3.10
HCC035	3	1.4
	4	1.62
	6	1.98
	8	2.29
	10	2.56
	12	2.8
	15	3.13
	20	3.61
HCC04	3	1.6
	4	1.85
	6	2.26
	8	2.61
	10	2.92
	12	3.2
	15	3.58
	20	4.13
HCC05	3	3
	4	3.31
	6	2.83
	8	3.27
	10	3.64
	12	4
	15	4.47
	20	5.16

TX NOZZLES APPLICATION RATES

	BAR	L/MIN
"TX-VK3 (100 MESH)"	5	0.25
	7	0.28
	10	0.33
	15	0.39
	20	0.45
"TX-VK4 (50 MESH)"	5	0.33
	7	0.39
	10	0.45
	15	0.55
	20	0.62
"TX-VK6 (50 MESH)"	5	0.5
	7	0.58
	10	0.68
	15	0.82
	20	0.93
"TX-VK8 (50 MESH)"	5	0.67
	7	0.79
	10	0.93
	15	1.1
	20	1.3
"TX-VK10 (50 MESH)"	5	0.84
	7	0.98
	10	1.2
	15	1.4
	20	1.6
"TX-VK12 (50 MESH)"	5	1
	7	1.2
	10	1.4
	15	1.7
	20	2
"TX-VK18 (50 MESH)"	5	1.5
	7	1.8
	10	2.2
	15	2.6
	20	3
"TX-VK26 (50 MESH)"	5	2.2
	7	2.6
	10	3.1
	15	3.8
	20	4.4

M99-65: Kit pic shown for display only. See page 28 for full details.

BRASS BOOMLESS NOZZLE

Compact broad spread brass nozzle suited for use with 12V pumps for spraying areas unsuitable for a boom. Ideal for general application of herbicides or fertiliser.

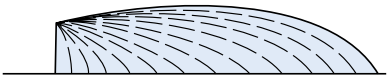
- Ideal for applications where a conventional boom cannot be used due to obstacles, such as power poles, fences, trees, etc.
- Common uses include orchard, vineyard, forestry, pasture, turf and golf course spraying, as well as maintaining fence lines
- Designed for herbicide or fertiliser application
- Compact brass body with ¼" threaded inlet
- Includes both nozzles for double sided and single sided application
- Maintains a consistent & adjustable spray swath over a pressure range of 30-60 PSI
- Spray swath 6.7 – 7.6m with double sided nozzle or 1.6 –2.27m with single side nozzle in place

6560-01

PSI	L/min	Swath (m)	4.8 km/hr	8 km/hr	16 km/hr
30	3.21	6.7	30	18	9
40	3.78	7	34	20.3	10.3
50	4.16	7.3	39	21	10.8
60	4.54	7.6	37	22.6	11

Double Sided output (180° Swath nozzle)

PSI	L/min	Swath (m)	4.8 km/hr	8 km/hr	16 km/hr
30	1.6	3.35	30	18	9
40	1.89	3.5	34	20.3	10.3
50	2.08	3.65	39	21	10.8
60	2.27	3.8	37	22.6	11



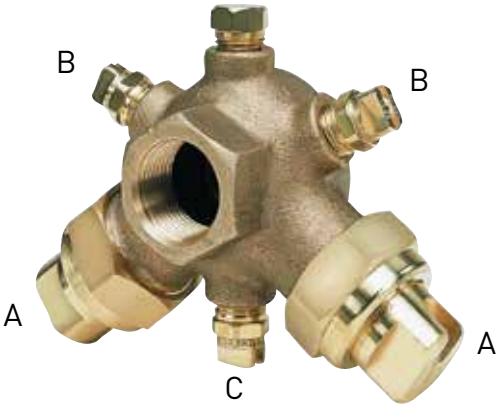
Single Sided output (90° Swath nozzle)

CODE	DESCRIPTION	PRESSURE	L/MIN (UP TO)	SWATH WIDTH	NOZZLE COLOUR	LIST EX	LIST INC	CAT
6560-01	02 Size Brass Boomless Nozzle (only)	207KPa/30psi	18.2	10.4		$90.00	$99.00	B
M99-65	Boomless Nozzle Kit with Single or Double Sided Swath					$135.45	$149.00	B

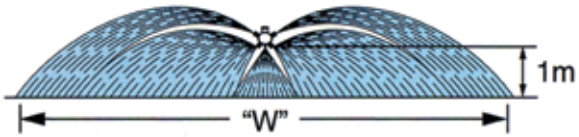
XP BOOMJET BOOMLESS FLAT SPRAY

Type 5880 Boomjet Nozzle is used for spraying areas not easily accessed with a boom sprayer. It combines two off-centre tips and three VeeJet nozzles to produce an overall wide swath flat spray. The nozzle assembly provides good distribution considering the wide pattern coverage obtained: however the uniformity is not as good as with a properly operated boom sprayer. Uniformity can be optimised by double overlapping spray swaths on successive sprayer passes. Remember this also doubles the application volume.

Supplied with one additional 1/4" NPT pipe plug and one blank tip for setting BoomJet to one side only. Also has a 1/4" NPT pressure gauge port.



5880-3/4-2TOC06;
5880-3/4-2TOC10;
5880-3/4-2TOC20;
5880-3/4-2TOC40



W = Maximum effective coverage with nozzle mounted at 1m height

CODE	NOZZLE A	NOZZLE B	NOZZLE C	BAR	L/MIN	I/HA WIDTH	6 KM/H	8 KM/H	12 KM/H	16 KM/H	24 KM/H	LIST EX	LIST INC	CAT
5880-3/4-2TOC06	6733-OC06	H1/4VV- 1506	H1/4VVL-9502 with 50 mesh strainer	1.5	7.26	10.2M	71.2	53.4	35.6	26.7	17.8	$508.18	$559.00	B
				2.0	8.38	10.3M	81.4	61.0	40.7	30.5	20.3			
				2.5	9.37	10.5M	89.2	66.9	44.6	33.5	22.3			
5880-3/4-2TOC10	OC-10	H1/4U-0508HE	H1/4VVL-11004 with 50 mesh strainer	1.5	11.16	12.0M	93.0	69.8	46.5	34.9	23.3	$508.18	$559.00	B
				2.0	12.89	12.1M	107.0	79.9	53.3	39.9	26.3			
				2.5	14.41	12.3M	117.0	87.9	58.6	43.9	29.3			
5880-3/4-2TOC20	OC-20	H1/4U-0520HE	H1/4VVL-9506 with 50 mesh strainer	1.5	24.00	14.3M	168.0	126.0	83.9	62.9	42.0	$508.18	$559.00	B
				2.0	27.72	15.2M	182.0	137.0	91.2	68.4	45.6			
				2.5	30.99	15.8M	196.0	147.0	98.1	73.6	49.0			
5880-3/4-2TOC40	OC-40	H1/4U-0540HE	H1/4U-9510	1.5	47.44	17.1M	277.0	208.0	139.0	104.0	69.4	$508.18	$559.00	B
				2.0	54.78	18.2M	300.01	226.0	150.0	113.0	75.2			
				2.5	61.25	19.2M	319.0	239.0	160.0	120.0	79.8			

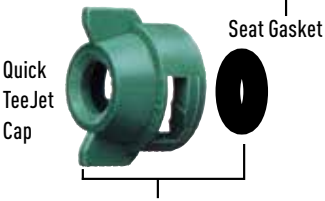
FOR USE WITH SPRAY TIPS) REFERENCE GUIDE ONLY)	COLOUR CAPS
TeeJet Flat Spray Tips (Smaller Capacities) TP Standard –0067 Thru –08 XR –01 Thru –08 DG TeeJet® TT Turbo TwinJet® AIXR TeeJet® OC TeeJet® –01 Thru –08	
TeeJet Flat Spray Tips (Larger Capacities) TP Standard –10 Thru –20 XR –10 Thru –15	
TJ TwinJet® AI TeeJet® & AIUB TeeJet® SJ-3 Stream Jet® DG TwinJet® Turbo TeeJet Induction® AITTJ60 Turbo TwinJet®	
Turbo FloodJet® VisiFlo® Spray Tip TK-VS FloodJet® VisiFlo Spray Tip Locating Nib	
TK FloodJet® FL FullJet® TX ConeJet® TG Full Cone Hose Shank D-Disc Core Seal Core **CP18999E PR** (EPDM standard) **CP18999-VI** (Viton® optional) Used with DC-Core Inserts and CP4916 Flow Regulators (Insert Core into Seal)	
Ceramic Disc-Core D-Disc Core	
Provides shut-off at nozzle for quick spacing change or change in spray swath	
CP19438-EPR (EPDM standard) Gasket only	
CP19438-VI (Viton optional) Gasket only	

	TEEJET CAP CODE	LIST EX	LIST INC	CAT	TEEJET GASKET & CAP KIT CODE	LIST EX	LIST INC	CAT
	CP25611-3-NY	$1.64	$1.80	B	25612-3-NYR	$2.27	$2.50	B
	CP25611-4-NY				25612-4-NYR			
	CP25611-5-NY				25612-5-NYR			
	CP25611-6-NY				25612-6-NYR			
	CP25611-7-NY				25612-7-NYR			
	CP25611-8-NY							
	CP25609-4-NY	$1.82	$2.00	B	25610-1-NYR	$2.91	$3.20	B
	CP25609-6-NY							
	CP25597-3-NY	$1.82	$2.00	B	25598-3-NYR	$2.91	$3.20	B
	CP25597-4-NY				25598-4-NYR			
	CP25597-5-NY				25598-5-NYR			
	CP25597-6-NY				25598-6-NYR			
	CP25597-7-NY				25598-1-NYR			
	CP25599-3-NY	$1.82	$2.00	B	25600-6-NYR	$2.91	$3.20	B
	CP25599-6-NY							
	CP25607-3-NY	$1.82	$2.00	B	25608-1-NYR	$2.91	$3.20	B
	CP25607-4-NY				25608-3-NYR			
	CP25607-5-NY				25608-4-NYR			
	CP25607-6-NY							
	CP26277-1-NY	$4.00	$4.40	B	26278-1-NYR	$4.91	$5.40	B
	N/A	N/A	N/A	B	19843-NYR	$5.09	$5.60	B
		$2.27	$2.50	B				
		$7.55	$8.31	B				

TeeJet®

CP19438-EPR (EPDM standard)

CP19438-VI (Viton optional)



Quick TeeJet Cap & Std Seat Gasket Kit

TEEJET NOZZLE CAPS

The Quick TeeJet® caps are designed with grooves that fit locating lugs on the nozzle body. Caps are made of nylon and are available for use with all TeeJet spray tips. Maximum operating pressure of 20 bar/290 psi.

**Specify colour code (see chart), e.g: CP25611-3-NY will supply red cap.*

Silvan self-aligning nozzle caps are designed to fit all popular brands of spray tips including fan, cone, anvil and other specialised nozzles. Cap sealing gaskets are manufactured from chemical resistant EPDM material. Maximum operating pressure 30 Bar (435 PSI).

FOR USE WITH SPRAY TIPS (REFERENCE GUIDE ONLY)	COLOUR CAPS	CAP CODE	LIST EX	LIST INC	CAT	GASKET ONLY CODE	LIST EX	LIST INC	CAT
TeeJet® Flat Spray Tips Lurmark Flat Fan Tips Albuz Flat Fan Tips (Fits Sizes 01 To 08) Lechler Idk		G8253000	$2.18	$2.40	B	402200-040	$2.18	$2.40	B
Albuz Avi-Oc; Albuz Avi; Albuz Ape-Exa; Albuz Esi		G8253004	$4.27	$4.70	B	402200-040	$2.18	$2.40	B
Albuz Apm;Tk Floodjet Tg Full Cone; Fl Full Jet		G8253012	$4.27	$4.70	B	402200-040	$2.18	$2.40	B
Albuz Apt-Atr-Ampt, Hcc hollow cones		G8253020	$4.27	$4.70	B	402200-040	$2.18	$2.40	B
PROVIDES BLANKING SHUT-OFF OF NOZZLE		G8253040 gasket not inc.	$4.10	$3.13	B	402200-040	$2.18	$2.40	B

UNI CAP

- Universal nozzle cap suitable for use with the majority of nozzles used in agriculture today
- Lower stock costs and easier managing
- Supplied with gasket

Suitable for the following nozzles:

- ARAG® Kematal
- Lurmark® Flat Fan Tips
- Lechler Series 652, IDK, Air Mix,
- Lechler series ID, LU
- TeeJet® Flat Fan Tips Std.-
- TeeJet® FL Fulljet,
- TeeJet® TG Fullcone

CODE	DESCRIPTION	COLOUR	QUANTITY	LIST EX	LIST INC	CAT
40299003	Uni Cap	Red	1 PACK	$4.09	$4.50	B

CAPS FOR HARDI NOZZLE BODIES

QUICK TEEJET CAPS	CAP ONLY	LIST EX	LIST INC	CAT	FOR USE WITH FLAT SPRAY TIPS 150PSI (10 BAR) MAXIMUM PRESSURE
	CP21399-6-CE	$3.73	$4.10	B	TJ TwinJet® · AI TeeJet® & AIUB TeeJet® · SJ-3 StreamJet® · DG TwinJet® · Turbo TeeJet® Induction
	CP23307-4-CE	$3.73	$4.10	B	TP Standard –0067 Thru –08 · XR –01 Thru –08 · DG TeeJet® · TT
	CP23307-6-CE	$3.73	$4.10	B	Turbo TwinJet® · AIXR TeeJet® · OC TeeJet® –01 Thru –08

Gasket code CP23308-EPR $2.20 CAT B], use 4067 series cup strainers with TTI nozzles

Silvan nozzle holders are the easiest and fastest means of mounting spray nozzles to booms. Simply drill an appropriate size hole and clamp nozzle holder in place. The range available includes non-drip valves, swivel nozzle holders, low pressure and high pressure holders and wet and dry boom nozzle holders.

All are UV light resistant, house most standard size nozzle tips and feature self aligning quick fit caps for ease of nozzle cleaning. Applications include boom spraying, poultry shed lines, car washes, livestock races and production line cooling. All nozzle holders are supplied less tip. Merchandise packs of 4 where stated.

WET BOOM NOZZLE HOLDERS

Designed for clamping around 1/2" spray tubes. Feature a self-aligning nozzle cap and a mounting recess in the top clamp for attachment to flat surfaces. Polypropylene construction. Includes nozzle cap, gasket and screw.

DRAWING 0114

AR-100

CODE	INLET SIZE	TUBE SIZE	MAX. PRESSURE	LIST EX	LIST INC	CAT
AR-100 (4 pack)	7mm	1/2"	1000kPa/145PSI	$50.91	$56.00	B

NON-DRIP NOZZLE HOLDERS

Single clamping screw on the 1/2" model. Non-drip shut-off valve. Opens above 0.5 Bar. Includes nozzle body & cap, gasket & screw.

- 1/2" model maximum pressure of 30 Bar
- 3/4" model maximum pressure of 20 Bar

AR-200

AR-210

DRAWING 10314

CODE	INLET SIZE	TUBE SIZE	MAX. PRESSURE	LIST EX	LIST INC	CAT
AR-200 (4 pack)	7mm	1/2"	3000kPa/435PSI	$67.27	$74.00	B
AR-210 (4 pack)	10mm	3/4"	2000kPa/290PSI	$68.18	$75.00	B

TEEJET NOZZLE HOLDERS

Features ChemSaver drip-free shut-off.
Requires 10 PSI (0.7 bar) at the nozzle to open check valve.

Note: Excludes nozzle cap and gasket.

CODE	INLET SIZE	TUBE SIZE	MAX. PRESSURE	LIST EX	LIST INC	CAT
QJ17560A-1/2x7-NYB	7mm	1/2"	2068/300	$8.00	$8.80	B
QJ17560A-1/2-NYB	9.5mm	1/2"	2068/300	$8.00	$8.80	B
QJ17560A-3/4-NYB	9.5mm	3/4"	2068/300	$8.00	$8.80	B
QJ17560A-1-NYB	9.5mm	1"	2068/300	$9.09	$10.00	B

TEEJET MULTIPLE NOZZLE HOLDERS

This 3 position nozzle holder features a positive shut-off between each position and includes ChemSaver® diaphragm check valve for drip-free shut-off.

Note: Excludes nozzle cap and gasket.

CODE	INLET SIZE	TUBE SIZE	MAX. PRESSURE	LIST EX	LIST INC	CAT
QJ363C-1/2-NYB	9.5mm	1/2"	2068kPa/300PSI	$36.36	$40.00	B
QJ363C-3/4-NYB	9.5mm	3/4"	2068kPa/300PSI	$36.36	$40.00	B
QJ363C-1-NYB	9.5mm	1"	2068kPa/300PSI	$36.36	$40.00	B

Dry boom nozzle holders are designed for mounting directly to boom frame for variable nozzle spacings when used with hose and clamps. Fits round or square tubing or pipe and is connected by hose and clamps. Polypropylene construction with max pressure of 2000kPa (290psi).

G8235021

G8235027

8235 SERIES

Self aligning nozzle cap. Available in single or double hose-tails.
Non-drip shut-off valve standard (open 0.5 Bar).

CODE	NOZZLE HOLDER TYPE	INLET HOSE TAIL SIZE I.D.	MAX PRESS. KPA/PSI	LIST EX	LIST INC	CAT
G8235021	SINGLE	1/2"	2000/290	$22.73	$25.00	B
G8235027	DOUBLE	1/2"	2000/290	$19.09	$21.00	B

193 SERIES

- Drip free shut-off with ChemSaver®
- Opening pressure - 10 psi (0.7 bar)
- Available in single or double hose shanks
- Hose barb sizes for 3/8", 1/2" or 3/4" I.D. hose
- Use with Vari Spacing clamps (Refer Page 95)

A

19349

B

19350

CODE	REF	NOZZLE HOLDER TYPE	INLET HOSE TAIL SIZE I.D.	MAX PRESS. KPA/PSI	LIST EX	LIST INC	CAT
19349-211-406-NYB	A	SINGLE	3/8"	862/125	$20.91	$23.00	B
19349-211-540-NYB	A	SINGLE	1/2"	862/125	$20.91	$23.00	B
19349-211-785-NYB	A	SINGLE	3/4"	862/125	$20.91	$23.00	B
19350-212-406-NYB	B	DOUBLE	3/8"	862/125	$20.91	$23.00	B
19350-212-540-NYB	B	DOUBLE	1/2"	862/125	$20.91	$23.00	B
19350-212-785-NYB	B	DOUBLE	3/4"	862/125	$20.91	$23.00	B

QJ39685 SERIES

- TeeJet ChemSaver® drip-free shut-off
- Made of corrosion-resistant materials

1

2

3

CODE	REF	NOZZLE HOLDER TYPE	INLET HOSE TAIL SIZE I.D.	MAX PRESS. KPA/PSI	LIST EX	LIST INC	CAT
QJ39685-1L-500-NYB	1	SINGLE LEFT	1/2"	2000/290	$12.73	$14.00	B
QJ39685-1R-500-NYB	2	SINGLE RIGHT	1/2"	2000/290	$12.73	$14.00	B
QJ39685-2-500-NYB	3	DOUBLE	1/2"	2000/290	$12.73	$14.00	B

G8235 SERIES

- Geoline compact non-drip elbow
- Made of corrosion-resistant materials


4


5


6

CODE	REF	NOZZLE HOLDER TYPE	INLET HOSE TAIL SIZE I.D.	MAX PRESS. KPA/PSI	LIST EX	LIST INC	CAT
G8235035	4	SINGLE LEFT	1/2"	2000kPa/290PSI	$15.45	$17.00	B
G8235031	5	SINGLE RIGHT	1/2"	2000kPa/290PSI	$15.45	$17.00	B
G8235033	6	DOUBLE	1/2"	2000kPa/290PSI	$15.45	$17.00	B
CP21953-EPR	Replacement Standard Diaphragm				$2.00	$2.20	B
CP21953-VI	Replacement Viton				$5.55	$6.11	B

NOZZLE ADAPTORS

- Features ChemSaver® non-drip shutoff
- Requires 10 PSI (0.7 bar) at the nozzle to open check valve
- QJ8360-NYB allows use of Quick TeeJet system from 1/4" NPT female connections
- QJT8360-NYB permits use of Quick TeeJet system with standard 11/16" TeeJet thread


QJ8360-NYB


QJT8360-NYB

CODE	THREAD SIZE	ANTI DRIP VALVE	MAX PRESURE	LIST EX	LIST INC	CAT
QJ8360-NYB	1/4" NPT (M)	YES	2000kPa/290PSI	$15.45	$17.00	B
QJT8360-NYB	11/16" TeeJet THREAD (F)	YES	2000kPa/290PSI	$15.45	$17.00	B

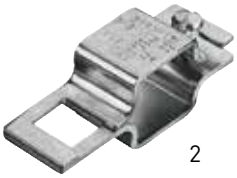
VARI SPACING CLAMPS

These clamps are for use on all dry boom nozzle bodies. Simply order the round or square clamps for the required O.D. tubing.

Example: QJ111-1/2 (Round 1/2" tubing).


1

QJ111-1/2


2

QJ111SQ-3/4

CODE	REF	TO FIT	LIST EX	LIST INC	CAT
QJ111-1/2	1	1/2" Pipe (13/16" & 7/8" O.D. Tubing)	$6.00	$6.60	B
QJ111-3/4	1	3/4" Pipe (1" & 11/16" O.D. Tubing)	$6.00	$6.60	B
QJ111-1	1	1" Pipe (11/8", 11/4" & 13/8" O.D. Tubing)	$6.00	$6.60	B
QJ111-1-1/4	1	1-1/4" Pipe (19/16" & 111/16" O.D. Tubing)	$6.00	$6.60	B
QJ111SQ-3/4	2	3/4" Square Tubing	$6.00	$6.60	B
QJ111SQ-1	2	1" Square Tubing	$6.00	$6.60	B
QJ111SQ-1-1/4	2	1-1/4" Square Tubing	$6.00	$6.60	B
QJ111SQ-1-1/2	2	1-1/2" Square Tubing	$6.00	$6.60	B

HOSE DROPPERS

Self aligning cap, fits all Selecta nozzle holders. Available in 15" and 24" ls. Ideal for fitting swivel nozzles in row crop application.

AR-600; AR-610

CODE (2 PK)	HOSE DROPPER LENGTH	INLET	OUTLET SIZE	MAX PRESSURE	LIST EX	LIST INC	CAT
AR-600	Hose Dropper 380mm	CAP	1/4" NPT	1000kPa/145PSI	$40.00	$44.00	B
AR-610	Hose Dropper 610mm	CAP	1/4" NPT	1000kPa/145PSI	$42.73	$47.00	B

POLY - SWIVEL NOZZLE HOLDERS

Features an adjustable spray angle with lock nut to hold body in place. Self-aligning nozzle cap. Ideal for use in row crop application or fenceline spraying.

Uses bayonet caps, see page 88-90.

G8247014

BRASS – SWIVEL NOZZLE HOLDERS

Plated brass adjustable angle swivel bodies. Threaded nozzle caps for high pressure application and row crop spraying. Single or twin outlets.

G8247004

G8247008

DRAWING 10889

CODE	NOZZLE HOLDER TYPE	INLET SIZE (BSP)	MAX PRESSURE KPA/PSI	L (MM)	LIST EX	LIST INC	CAT
G8247014	Double Poly	1/4" F	1000kPa/145PSI	70	$21.82	$24.00	B
G8247004	Single Brass	1/4" F	2068kPa/300PSI	70	$30.91	$34.00	B
G8247008	Double Brass	1/4" F	2068kPa/300PSI	70	$40.91	$45.00	B

TEEJET NOZZLE CAPS

Secure interchangeable TeeJet tips to the various nozzle bodies.

CP1325

CP8027-NYB

CODE	MATERIAL	LIST EX	LIST INC	CAT
CP1325	Brass	$3.18	$3.50	B
CP8027-NYB	Nylon	$1.82	$2.00	B

TEEJET SWIVEL NOZZLE HOLDERS

TeeJet swivel nozzle bodies are primarily for use with tips employed in row crop spraying. A locknut holds swivel bodies firmly in position at a selected spray projection angle so they are not affected by jarring and vibration. For use at pressures up to 125 PSI (8.6 bar). These are also available in the QJ8600 swivel Quick TeeJet nozzle body assemblies which provide the same spray tip adjustability of a standard TeeJet threaded swivel plus the quick change and self-aligning features of the Quick TeeJet System.

QJ8600-1/4-NYB

QJ8600-2-1/4-NYB

5000-1/4T

4202-2-1/4T

6240-1/4TT

8600-1/4T-NYB

8600-2-1/4T-NYB

CODE	INLET SIZE BSP)	MATERIAL	SWIVEL ARC RANGE	MAX PRESSURE KPA/PSI	LIST EX	LIST INC	CAT
QJ8600-1/4-NYB	1/4" NPT (F)	Nylon	280°	862kPa/125PSI	$16.36	$18.00	B
QJ8600-2-1/4-NYB	1/4" NPT (F)	Nylon	280°	862kPa/125PSI	$19.09	$21.00	B
5000-1/4T	1/4" NPT (F)	Brass	280°	862kPa/125PSI	$48.18	$53.00	B
4202-2-1/4T	1/4" NPT (F)	Brass	280°	862kPa/125PSI	$57.27	$63.00	B
6240-1/4TT	1/4" NPT (M)	Brass	280°	862kPa/125PSI	$50.91	$56.00	B
8600-1/4T-NYB	1/4" NPT (F)	Nylon	280°	862kPa/125PSI	$18.18	$20.00	B
8600-2-1/4T-NYB	1/4" NPT (F)	Nylon	280°	862kPa/125PSI	$18.18	$20.00	B

HIGH PRESSURE WET BOOM NOZZLE HOLDERS

High pressure nozzle holders are ideal for orchard, vineyard, market garden and poultry shed applications. They can be retro-fitted to existing equipment or for specialised manufacturing uses, eg. special spray booms.
Brass construction with BSP connections.

- Suits 1/2" tube with 7mm outlet hole
- Inlet 1/4" female

004215

CODE	INLET SIZE	TUBE SIZE	OUTLET SIZE (BSP)	MAX PRESSURE	LIST EX	LIST INC	CAT
004215	7mm	1/2"	1/4" Female	5000kPa/725PSI	$10.91	$12.00	B

HIGH PRESSURE NOZZLE HOLDERS

NON DRIP BRA SERIES

Brass flip over nozzle fitted with anti-drip valve with viton diaphragm. Anti-drip valve opens at 1 Bar pressure. 1/4" BSP thread, all brass construction, ceramic tips, stainless steel swirl plates, 90º shut off.

DRAWING 10849

MA3-66

68 SERIES

Double sided version of Single Series.

DRAWING 10226

MA3-68

VINE SERIES

Features adjustable spray pattern simply by twisting rear adjusting nut. Supplied with 1/4" BSP swivel which allows the nozzle to be locked in almost any spray angle/position. Brass construction with ceramic nozzle tip.

DRAWING 0642

P50

SINGLE SERIES

Flip over nozzle fitted with 1/4" BSP thread, all brass construction, ceramic tip, stainless steel swirl plate, 90º shut off.

DRAWING 10221

G8264000A

MA7 SERIES

Ideal for use in high volume pressure applications in heavy foliage. Features adjustable spray pattern, tungsten carbide nozzle supplied standard with 1.5mm jet and brass construction. Supplied with 1/4" BSP swivel.

G8275016

MA3 SERIES

Double brass nozzle holder designed to increase number of nozzles thus reducing the droplet size and increasing the coverage. Fits directly to most brass nozzle holders (1), (2) and (3) to replace existing nozzle & cap i.e. 1 jet nozzle holder becomes 2 jet.

MA3-78

CODE	INLET SIZE	NOZZLE SIZE	ANTI DRIP VALVE	MAX PRESS KPA/PSI	LENGTH	WIDTH	HEIGHT	LIST EX	LIST INC	CAT
G8264000A	1/4" Male	1.2	NO	5000kPa/725PSI	50mm	30mm	60mm	$42.73	$47.00	B
MA3-68	1/4" Male	1.2/1.5	NO	5000kPa/725PSI	70mm	30mm	60mm	$46.36	$51.00	B
MA3-66	1/4" Male	1.2/1.5	YES	5000kPa/725PSI	80mm	30mm	40mm	$69.09	$76.00	B
P50	1/4" Male	1.2	NO	5000kPa/725PSI	100mm	25mm	70mm	$52.73	$58.00	B
G8275016	1/4" Male	1.5	NO	5000kPa/725PSI	130mm	30mm	30mm	$85.45	$94.00	B
MA3-78	3/4" Female	-	-	5000kPa/725PSI	30mm	125mm	50mm	$52.73	$58.00	B