

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	CP22198-1-CE	Quick TeeJet Cap, Celcon (Black)
2	1	50678-10-SS	FloodJet Tip, Stainless Steel (Standard)
2A	1	50678-10E-SS	FloodJet Tip, Stainless Steel (End of boom)
3	1	CP19438-VI	Seat Washer, Viton
4	1	23209-1-*	Sub-Assembly, Consists of O-Ring, Viton & Orifice Insert (31, 35, 42, 52 or 62) Nylon (Black)
5	1	CP49881-NYB	Body, Nylon (Black)
How to order: 49880A-*-05-NYB AirJet Assembly fitted with standard spray tip			
49880E-*-05-NYB AirJet Assembly fitted with end of boom spray tip			
* Specify Orifice Insert Size - 31, 35, 42, 52 or 62			

DESCRIPTION:

**49880A
AIRJET® BI-FLUID
NOZZLE ASSEMBLY**



Spraying Systems Co.®

**Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, Il. 60189-7900**

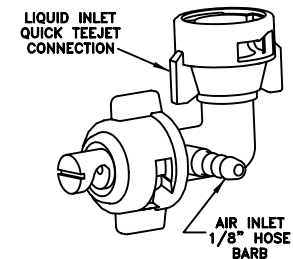
Rev. No. 6

Ref.

**PARTS LIST
PL49880
SHEET OF**

Liquid Orifice Number	Air Pressure (bar)	Approx. Air Flow (l/s)	Liquid Pressure (bar)	Liquid Flow (l/min)	Application Rate in l/ha on 50 cm Nozzle Spacing					Drop Size Category
					6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	
52	0.34	0.19	0.69	0.68	136	102	81.6	68.0	58.3	VC
		0.12	1.00	0.88	176	132	106	88.0	75.4	VC
		0.06	1.50	1.15	230	173	138	115	98.6	VC
		0.02	2.00	1.36	272	204	163	136	117	XC
	0.50	0.31	0.69	0.61	122	91.5	73.2	61.0	52.3	F
		0.24	1.00	0.81	162	122	97.2	81.0	69.4	M
		0.15	1.50	1.08	216	162	130	108	92.6	C
		0.09	2.00	1.29	258	194	155	129	111	VC
	0.74	0.06	2.50	1.50	300	225	180	150	129	VC
		0.46	0.69	0.53	106	79.5	63.6	53.0	45.4	VF
		0.39	1.00	0.72	144	108	86.4	72.0	61.7	F
		0.29	1.50	0.99	198	149	119	99.0	84.9	M
	1.00	0.22	2.00	1.21	242	182	145	121	104	M
		0.16	2.50	1.42	284	213	170	142	122	C
		0.12	3.00	1.59	318	239	191	159	136	VC
		0.08	3.50	1.77	354	266	212	177	152	VC
	1.25	0.06	4.00	1.91	382	287	229	191	164	VC
		0.04	4.50	2.05	410	308	246	205	176	XC
		0.60	0.69	0.42	84.0	63.0	50.4	42.0	36.0	VF
		0.53	1.00	0.61	122	91.5	73.2	61.0	52.3	VF
	1.50	0.43	1.50	0.91	182	137	109	91.0	78.0	F
		0.34	2.00	1.10	220	165	132	110	94.3	M
		0.28	2.50	1.33	266	200	160	133	114	M
		0.22	3.00	1.51	302	227	181	151	129	C
	1.75	0.18	3.50	1.69	338	254	203	169	145	C
		0.14	4.00	1.84	368	276	221	184	158	VC
		0.11	4.50	1.99	398	299	239	199	171	XC
		0.09	5.00	2.12	424	318	254	212	182	XC
	2.00	0.07	5.50	2.24	448	336	269	224	192	XC
		0.05	6.00	2.38	476	357	286	238	204	XC
		0.74	0.69	0.36	72.0	54.0	43.2	36.0	30.9	VF
		0.67	1.00	0.54	108	81.0	64.8	54.0	46.3	VF
	2.25	0.57	1.50	0.82	164	123	98.4	82.0	70.3	VF
		0.48	2.00	1.04	208	156	125	104	89.1	VF
		0.40	2.50	1.25	250	188	150	125	107	F
		0.34	3.00	1.43	286	215	172	143	123	F
	2.50	0.28	3.50	1.61	322	242	193	161	138	M
		0.24	4.00	1.78	356	267	214	178	153	C
		0.20	4.50	1.92	384	288	230	192	165	VC
		0.17	5.00	2.06	412	309	247	206	177	VC
	2.75	0.14	5.50	2.19	438	329	263	219	188	XC
		0.11	6.00	2.32	464	348	278	232	199	XC

Liquid Orifice Number	Air Pressure (bar)	Approx. Air Flow (l/s)	Liquid Pressure (bar)	Liquid Flow (l/min)	Application Rate in l/ha on 50 cm Nozzle Spacing					Drop Size Category	
					6 km/h	8 km/h	10 km/h	12 km/h	14 km/h		
52	1.50	0.88	0.69	0.30	60.0	45.0	36.0	30.0	25.7	VF	
		0.80	1.00	0.47	94.0	70.5	56.4	47.0	40.3	VF	
		0.71	1.50	0.74	148	111	88.8	74.0	63.4	VF	
		0.61	2.00	0.95	190	143	114	95.0	81.4	VF	
		1.75	0.52	2.50	1.17	234	176	140	117	100	F
			0.44	3.00	1.36	272	204	163	136	117	F
			0.40	3.50	1.54	308	231	185	154	132	M
			0.34	4.00	1.71	342	257	205	171	147	C
			0.29	4.50	1.85	370	278	222	185	159	VC
			0.25	5.00	2.00	400	300	240	200	171	VC
			0.22	5.50	2.14	428	321	257	214	183	XC
			0.19	6.00	2.25	450	338	270	225	193	XC
	2.00		1.03	0.69	0.24	48.0	36.0	28.8	24.0	20.6	VF
			0.94	1.00	0.40	80.0	60.0	48.0	40.0	34.3	VF
			0.84	1.50	0.66	132	99.0	79.2	66.0	56.6	VF
			0.74	2.00	0.88	176	132	106	88.0	75.4	VF
		0.65	2.50	1.10	220	165	132	110	94.3	VF	
		0.56	3.00	1.29	258	194	155	129	111	F	
		0.49	3.50	1.47	294	221	176	147	126	F	
		0.44	4.00	1.64	328	246	197	164	141	M	
		1.17	0.69	0.19	38.0	28.5	22.8	19.0	16.3	VF	
		1.10	1.00	0.34	68.0	51.0	40.8	34.0	29.1	VF	
		1.01	1.50	0.58	116	87.0	69.6	58.0	49.7	VF	
		0.87	2.00	0.80	160	120	96.0	80.0	68.6	VF	
	0.78	2.50	1.02	204	153	122	102	87.4	VF		
	0.69	3.00	1.22	244	183	146	122	105	VF		
	0.61	3.50	1.40	280	210	168	140	120	VF		
	0.54	4.00	1.57	314	236	188	157	135	F		



49880A AIRJET ASSEMBLY

DESCRIPTION:

49880A
AIRJET® NOZZLE
APPLICATION RATES AND
DROPLET SIZE CATEGORY
INFORMATION
(METRIC)



Spraying Systems Co.®

Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, Il. 60189-7900

Rev. No.

Ref.

DATA SHEET

49880M-4

SHEET OF