



ROGERS SPRAYERS INC.

813B - 50th Street East
Saskatoon, SK S7K 3Y5
Canada

Phone: (306) 975-0500
Fax: (306) 975-0499
Email:
info@rogerssprayers.com

Email: info@rogerssprayers.com
Web: www.rogerssprayers.com

WG4 Windfoil Greensap 4-ft Covered Hose-fed Sprayer



Assembly, Parts and Operator's Manual

Table of Contents

SAFETY	3
Operational Safety	3
GENERAL SPRAYING INFORMATION	3
Application Tips.....	3
Nozzles.....	4
Diaphragm Check Valve Nozzle Bodies	4
Calibration	4
Application Rate Table, 12” spacing	5
GENERAL MAINTENANCE.....	6
Cleaning.....	6
Sunshine.....	7
Winterizing	7
ASSEMBLY	7
Front Wheel Installation	7
Handle attachment.....	7
Hose attachment.....	7
Last Check.....	7
OPERATION.....	8
MAINTENANCE.....	8
DRAWINGS AND REPLACEMENT PARTS.....	8
WG Parts Breakdown	9
Plumbing Assembly	10
Flowmonitor Assembly	11
Valve Handle Assembly	12
Tow Hitch (optional)	12
CE Declaration of Conformity.....	13

Safety

Many people die or suffer serious injury in job related accidents every year due to carelessness. Know your machinery and be aware of potential hazards. Put safety first in all your operations.

Review all instructions and procedures outlined in this manual annually. Every operator must familiarize himself with the operating instructions of the sprayer.

Operational Safety

Shut down sprayer and power unit and wait for all parts to stop before adjusting, cleaning, or lubricating the power unit or sprayer.

Before spraying a field familiarize yourself with any rocks, debris, trees, ditches or gullies that may be potentially dangerous. Plan the spraying route to avoid these hazards.

Spray only chemicals that unit was designed for, (ie turf application). Do not use products for which unit was not designed, (ie PAINT, sealants, cleaning fluids, dust inhibitors, ice surfaces).

Minimize Chemical Drift

The **Windfoil** sprayer was designed in a wind tunnel to control air flow around and behind the sprayer minimizing drift to allow safer spraying in windy conditions.

Drift can blow off a field after it has been sprayed, especially in high winds. Reasonable caution should be taken in order to spray effectively and safely.

For maximum drift control, keep curtain in contact with the ground to ensure a seal to it. Drift control of the *Windfoil* is less effective when the wind blows the curtain off the crop canopy breaking the seal between the curtain and the crop.

General Spraying Information

Application Tips

Always use clean filtered water in the sprayer tank.

Your **Windfoil** Drift Containment Spray System (DCSS) comes standard with ceramic insert tips. These tips are considered by most to be the best in the industry for wear resistance and spray pattern coefficient of variation. Please contact your manufacturer for various sizes of tips available for your machine.

Ensure that the pressure on the supply end of the hose used on hose reels is sufficient to deliver the proper pressure at the hand unit on the delivery end of the hose.

Check the flow rate from all nozzles using the capacity calibration technique; see the Calibration section for tables and instructions. Use clean filtered water for all calibration testing. Adjust the sprayer pressure to get the proper flow rate. The flow meters are not accurate enough in absolute terms to be used as a flow meter. In relative terms they are very accurate.

Caution:	Conventional tips are rated at 40 psi (3 bar), for example a 8004 tip at 40 psi (3 bar) delivers 0.4 US gal/min (1.5 litres/min) . Only conventional 80° tips are recommended for the Windfoil WG series. Wider angle tips (110°) have a wider pattern than 80° and will hit the curtain at the ends of the boom and are
-----------------	---

Nozzles

Despite being the most important component for accurate uniform spraying application, nozzles are often neglected and abused.

Nozzle flow rate depends on effective orifice size and pressure. Spray tip manufacturers have supplied tables of nozzle application rates at various pressures, for the best results it is recommended that you follow these guidelines.

The rule of thumb is that as you increase the pressure to your unit the average droplet size decreases. Normally with conventional open boom sprayers large droplets are used to control drift but large droplets can roll off plants without sticking. With the **Windfoil** covered spray system you will be able spray with smaller droplets, increase coverage and not worry about drift.

The spray patterns must overlap for even coverage but should not interfere with one another. Nozzles are set at a 10° angle so that one edge of its pattern will be just behind the edge of its adjacent spray pattern, evading interference with each other.

Typically as a tip wears the spray pattern distorts output volumes usually increase and the droplet characteristics change. Recalibration may correct for output changes, but cannot correct for spray pattern changes or the drop size generated.

Caution: When spraying next to a flower bed, do not spray over the turf edge as the spray will go under the curtain and onto the flowers.
--

Diaphragm Check Valve Nozzle Bodies

Diaphragm check valves close at approximately 15 psi (1 bar) to prevent excessive dripping. Should the cap on the valve loosen or the check valve diaphragm become misaligned, the body may leak. Stop the leak by, tightening the check valve cap or remove the cap and inspect the seal for damage or improper assembly.

To check for defective check valves when the spraying stop control has been actuated, the volume that drips from each nozzle should not exceed 2ml timed over a 5 minute period. The measuring is to start 8 seconds after the flow to the spray boom is shut off.

Nozzle caps are attached by engaging the cap and turning clockwise about a third of a turn. Self-aligning caps have a slot to align the tips. Ensure that the tips fit down into the slotted hole before installing caps on the diaphragm nozzle body assembly with the tip screens.

Non-aligning caps are also available for special tips.

Calibration

As a tip wears recalibration may be required. Collect the output from each nozzle for 60 seconds, using an accurate measuring cup. Use clear water for all testing. Record the output from each nozzle. Replace nozzles that are more than 5% above or below the average reading, or has a visibly distorted pattern.

Application Rate Table, 12” spacing

Rogers Part #	Tip Number	Liquid Press psi	Capacity 1 nozzle gpm	U. S. GALLONS PER ACRE					U. S. GALLONS PER 1000 SQ. FT.					Press bars
				2.5	3	4	5	7	2.5	3	4	5	7	
				mph	mph	mph	mph	mph	mph	mph	mph	mph	mph	
05872	800067SS (200 mesh)	30	0.058	11.5	9.6	7.2	5.7	4.1	0.26	0.22	0.16	0.13	0.09	2.07
		40	0.067	13.3	11.1	8.3	6.6	4.7	0.30	0.25	0.19	0.15	0.11	2.76
		50	0.075	14.8	12.4	9.3	7.4	5.3	0.34	0.28	0.21	0.17	0.12	3.45
		60	0.082	16.2	13.5	10.2	8.1	5.8	0.37	0.31	0.23	0.19	0.13	4.14
01369	8001VS (100 mesh)	30	0.087	17.1	14.3	10.7	8.6	6.1	0.39	0.33	0.25	0.20	0.14	2.07
		40	0.100	19.8	16.5	12.4	9.9	7.1	0.45	0.38	0.28	0.23	0.16	2.76
		50	0.112	22.1	18.4	13.8	11.1	7.9	0.51	0.42	0.32	0.25	0.18	3.45
		60	0.122	24.2	20.2	15.2	12.1	8.7	0.56	0.46	0.35	0.28	0.20	4.14
00827 or 13351	80015VS API-80015 (100 mesh)	30	0.130	25.7	21.4	16.1	12.9	9.2	0.59	0.49	0.37	0.29	0.21	2.07
		40	0.150	29.7	24.8	18.6	14.9	10.6	0.68	0.57	0.43	0.34	0.24	2.76
		50	0.168	33.2	27.7	20.8	16.6	11.9	0.76	0.63	0.48	0.38	0.27	3.45
		60	0.184	36.4	30.3	22.7	18.2	13.0	0.83	0.69	0.52	0.42	0.30	4.14
05876 or 12422	8002VS API-8002 (50 mesh)	30	0.173	34.3	28.6	21.4	17.1	12.2	0.79	0.65	0.49	0.39	0.28	2.07
		40	0.200	39.6	33.0	24.8	19.8	14.1	0.91	0.76	0.57	0.45	0.32	2.76
		50	0.224	44.3	36.9	27.7	22.1	15.8	1.01	0.84	0.63	0.51	0.36	3.45
		60	0.245	48.5	40.4	30.3	24.2	17.3	1.11	0.93	0.69	0.56	0.40	4.14
05877 or 13352	8003VS API-8003 (50 mesh)	30	0.260	51.4	42.9	32.2	25.7	18.4	1.18	0.98	0.74	0.59	0.42	2.07
		40	0.300	59.4	49.5	37.1	29.7	21.2	1.36	1.13	0.85	0.68	0.49	2.76
		50	0.335	66.4	55.3	41.5	33.2	23.7	1.52	1.27	0.95	0.76	0.54	3.45
		60	0.367	72.7	60.6	45.5	36.4	26.0	1.67	1.39	1.04	0.83	0.59	4.14
05878 or 12423	8004VS API-8004 (50 mesh)	30	0.346	68.6	57.2	42.9	34.3	24.5	1.57	1.31	0.98	0.79	0.56	2.07
		40	0.400	79.2	66.0	49.5	39.6	28.3	1.81	1.51	1.13	0.91	0.65	2.76
		50	0.447	88.5	73.8	55.3	44.3	31.6	2.03	1.69	1.27	1.01	0.72	3.45
		60	0.490	97.0	80.8	60.6	48.5	34.6	2.22	1.85	1.39	1.11	0.79	4.14
05879 or 12424	8005VS API-8005 (50 mesh)	30	0.433	85.7	71.4	53.6	42.9	30.6	1.96	1.64	1.23	0.98	0.70	2.07
		40	0.500	99.0	82.5	61.9	49.5	35.4	2.27	1.89	1.42	1.13	0.81	2.76
		50	0.559	110.7	92.2	69.2	55.3	39.5	2.53	2.11	1.58	1.27	0.91	3.45
		60	0.612	121.2	101.0	75.8	60.6	43.3	2.78	2.31	1.74	1.39	0.99	4.14
05880 or 12425	8006VS API-8006 (50 mesh)	30	0.520	102.9	85.7	64.3	51.4	36.7	2.36	1.96	1.47	1.18	0.84	2.07
		40	0.600	118.8	99.0	74.3	59.4	42.4	2.72	2.27	1.70	1.36	0.97	2.76
		50	0.671	132.8	110.7	83.0	66.4	47.4	3.04	2.53	1.90	1.52	1.09	3.45
		60	0.735	145.5	121.2	90.9	72.7	52.0	3.33	2.78	2.08	1.67	1.19	4.14
05881	8008VS (50 mesh)	30	0.693	137.2	114.3	85.7	68.6	49.0	3.14	2.62	1.96	1.57	1.12	2.07
		40	0.800	158.4	132.0	99.0	79.2	56.6	3.63	3.02	2.27	1.81	1.30	2.76
		50	0.894	177.1	147.6	110.7	88.5	63.2	4.05	3.38	2.53	2.03	1.45	3.45
		60	0.980	194.0	161.7	121.2	97.0	69.3	4.44	3.70	2.78	2.22	1.59	4.14
13674	MR8010 (50 mesh)	30	0.866	171.5	142.9	107.2	85.7	61.2	3.93	3.27	2.45	1.96	1.40	2.07
		40	1.000	198.0	165.0	123.8	99.0	70.7	4.53	3.78	2.83	2.27	1.62	2.76
		50	1.118	221.4	184.5	138.4	110.7	79.1	5.07	4.22	3.17	2.53	1.81	3.45
		60	1.225	242.5	202.1	151.6	121.2	86.6	5.55	4.63	3.47	2.78	1.98	4.14
14010	MR8015 (50 mesh)	30	1.299	257.2	214.3	160.8	128.6	91.9	5.89	4.91	3.68	2.94	2.10	2.07
		40	1.500	297.0	247.5	185.6	148.5	106.1	6.80	5.67	4.25	3.40	2.43	2.76
		50	1.677	332.1	276.7	207.5	166.0	118.6	7.60	6.34	4.75	3.80	2.72	3.45
		60	1.837	363.7	303.1	227.3	181.9	129.9	8.33	6.94	5.21	4.16	2.97	4.14
14195	MR8020 (50 mesh)	30	1.732	342.9	285.8	214.3	171.5	122.5	7.85	6.54	4.91	3.93	2.80	2.07
		40	2.000	396.0	330.0	247.5	198.0	141.4	9.07	7.56	5.67	4.53	3.24	2.76
		50	2.236	442.7	369.0	276.7	221.4	158.1	10.14	8.45	6.34	5.07	3.62	3.45
		60	2.449	485.0	404.2	303.1	242.5	173.2	11.10	9.25	6.94	5.55	3.97	4.14

Run a speed test in the area to be sprayed. The sprayer must be up to speed before starting the test run. To determine the speed mark off a distance as found on one of the tables. Push the sprayer over this distance carefully noting and recording the time to cover the distance. The speed traveled can be found for the specific distance and time to travel using the tables below.

After the nozzles have been individually checked and matched, the sprayer should be calibrated to determine the correct speed for the desired application volume.

Table 3: Time in Seconds to Travel Distance of:

	10	25	50	100	200
mph	(ft)	(ft)	(ft)	(ft)	(ft)
1	6.8	17.0	34.1	68.2	136.0
1.5	4.5	11.4	22.7	45.5	90.9
2	3.4	8.5	17.0	34.1	68.2
2.5	2.7	6.8	13.6	27.3	54.5
3	2.3	5.7	11.4	22.7	45.5
4	1.7	4.3	8.5	17.0	34.1
5	1.4	3.4	6.8	13.6	27.3
6	1.1	2.8	5.7	11.4	22.7

Table 4: Time in Seconds to Travel a Distance of:

	10	25	50	100	200
Km/h	(m)	(m)	(m)	(m)	(m)
1	36.0	90.0	180.0	360.0	720.0
1.5	24.0	60.0	120.0	240.0	480.0
2	18.0	45.0	90.0	180.0	360.0
2.5	14.4	36.0	72.0	144.0	288.0
3	12.0	30.0	60.0	120.0	240.0
4	9.0	22.5	45.0	90.0	180.0
5	7.2	18.0	36.0	72.0	144.0
6	6.0	15.0	30.0	60.0	120.0

Note: Tip pressure is usually less than the pressure at the pump. Losses occur in valves, hoses, etc. Always check the flow by the above calibration method.

General Maintenance

Cleaning

Sprayers need to be cleaned to prevent corrosion and cross contamination of chemicals. Trace amounts of one chemical can react with another or carry over to the next spraying and cause crop damage, especially with pesticides. Long exposures with even small amounts of some chemicals can damage sprayer components either by corrosion or gum deposits. If you spray crops that are very susceptible to injury from the last chemical used (ie vegetables, turf, and ornamentals) clean the unit especially well.

Always try to end the day with an empty tank; avoid contamination of water supplies and injury to plants or animals. Do not make puddles that might be accessible to children, pets, farm animals, or wildlife. Flush with clean water preferably after each day's operation. If you plan to use the same material over several days most chemicals may be kept in the tank overnight, labels on the chemical usually indicates which may not. Rinse the outside of the sprayer. Surfactants combined with chemicals, when they are compatible, will provide some cleaning action in the sprayer.

Some chemical combinations (especially if oil is used) may produce a putty type paste (buttering out) in the sprayer tank and components; flushing with water after each load may prevent an accumulation. If water alone does not dissolve and remove the buildup, add solvent, kerosene, or other low flammable solvent; allow paste to dissolve, then agitate and flush. Next, flush with detergent and finally with clean water. Check with your chemical agent.

Whenever pesticides are changed, or before sprayer storage, clean sprayers thoroughly with a cleaning solution. The solution used depends on the chemical to be removed from the sprayer. Check the chemical label for cleaning instructions.

First flush with water, then add the cleaning solution to the tank and thoroughly agitate before flushing. Always flush with clean water to remove the cleaning solution. Remove nozzle tips and screens; clean them in a strong detergent solution or kerosene, using a soft brush such as an old toothbrush. Never use a metal probe to clean the orifice of a spray tip!

Follow the same safety precautions during cleaning as for applications. Use a respirator, rubber gloves, or other protective gear as may be directed by label instructions.

If a nozzle becomes blocked, turn the sprayer off. Note that the spray lines could still be pressurized therefore prior to removing the cap on the nozzle body, proper safety equipment should be worn, (ie gloves, eye protection, etc).

Sunshine

Many plastic sprayer parts are degraded by ultra violet light, especially the nozzle flow indicators. Store the sprayer in the shade to extend the length of service.

Winterizing

After the sprayer is thoroughly cleaned, put 2-5 gallons (7-19 litres) of rust inhibitor or antifreeze in the tank prior to the final flushing to help prevent corrosion. As the water is pumped from the sprayer, the antifreeze will leave a protective coating on the inside of the tank, pump, and plumbing. Remove nozzle tips, screens and no-drip valves (if used) and store them in a can of light oil such as diesel fuel or kerosene to prevent corrosion. Close nozzle openings with tape to prevent dirt, insects, mice, or other contaminants from entering.

During the final cleaning, completely check the sprayer. Look at the hoses, clamps, connections, nozzle tips, and screens for needed replacements. Store the sprayer in a reasonably clean and dry building.

Assembly

There is more than one way to successfully assemble your **Windfoil** sprayer. Following the outlined steps will help to ensure a simple, trouble free assembly. All assembly references to left and right are referring to the sprayer left and right when facing the rear of the sprayer. Two people are required to remove sprayer from carton, or for any general lifting of the equipment (ie lifting into transport mount).

Front Wheel Installation

See General Assembly drawing for layout.

Locate four, (4) holes on the front of the sprayer, two, (2) to each side of the Windfoil logo.

Bolt the front wheel mount to these holes.

Slide front castor fork through castor bushing and insert cotter pins to secure.

Grease castor prior to use if required.

Install all three poly wheels.

Handle attachment

Place the handle in position so that the tube is on the outside of the mounting plates.

Bolt handle into place.

Orient the handle so that the hose is to the right.

Hose attachment

Attach hose from flow indicator to valve on handle with gear clamps as provided

Last Check

Recheck all assembled parts for completeness and secure connections.

Locate the grease nipple on the front caster wheel and grease it.

Your sprayer is now ready for a wet test, to ensure complete operation.

Operation

Ceramic insert tips are supplied with the **Windfoil WG series**; it can also use stainless steel, brass or plastic insert tips that give an actual 80° spray pattern.

Attach a supply hose to the camlock fitting on the control valve, located on the sprayer handle. The supply pressure of the fluid should be between 40 & 60 psi (3-4 bar). A rough estimate due to losses in the system is that when you have 45psi (3.2 bar) at the handle, you probably have 40 psi (3 bar) at the tips. Each of the balls in the spray monitor should raise to an equal level as the flow increases. If they are not equal the lower ball(s) indicated tips that are plugged or partially plugged. Check and clean the appropriate tip(s). If the balls are right at the top, the flow rate is too high for them. Replace them with the required balls for the tips (see the flow monitor page).

Test the unit using clear water on a firm surface such as asphalt or concrete before using spray solution. This will illustrate the effectiveness of the individual spray patterns.

Maintenance

Cleaning and flushing with clear water after using.

Do not leave water in the unit at freezing temperatures. When storing the sprayer at freezing temperatures, run some windshield washer antifreeze through to prevent ice damage in the plastic parts.

Avoid storage of your sprayer in direct sunlight for prolonged periods. Certain plastic parts on the **Windfoil WG** are not UV resistant.

Keep the unit covered or stored indoors.

Approximate Weight of Units

MODEL	Weight Lbs	Weight Kg
WG3	53.6	24.3
WG4	55.4	25.1
WG6	61.4	27.9

Drawings and Replacement Parts

See the following pages for a parts breakdown and accessories for your unit.

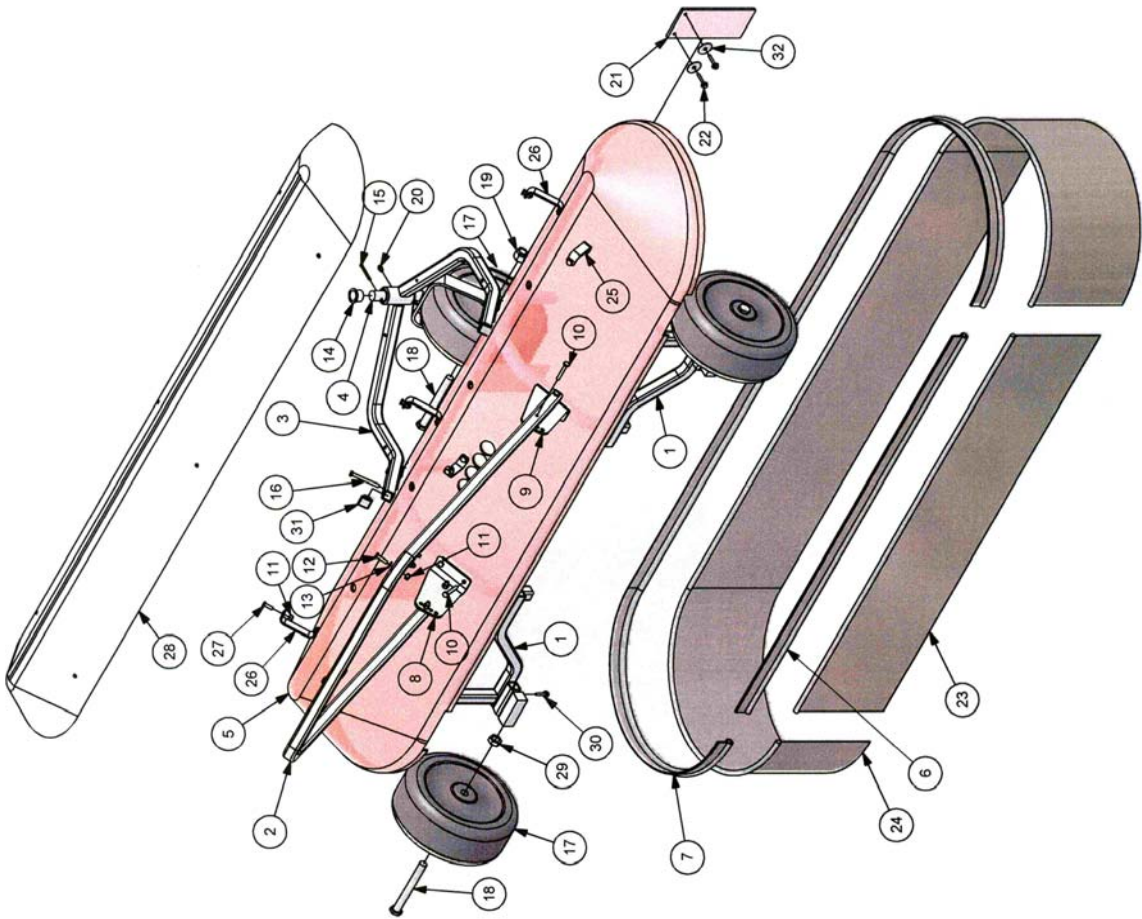
WG4 Parts Breakdown

Parts List		
ITEM	QTY	PART# DESCRIPTION
1	1	14274 FRAME LP4
2	1	14184 HANDLE ASSBY. SOR
3	1	14028 CASTOR MOUNT ASSEMBLY
4	1	01599 CASTOR WHEEL, LP
5	1	14276 SHROUD LP WE & WG4
6	1	14207 FLEXISHIELD HANGER, 44.625"
7	1	06263 FLEXISHIELD HANGER, 111"
8	1	13041L01 TANK MOUNT WALKER LEFT
9	1	13041R01 TANK MOUNT WALKER RIGHT
10	8	05409 BOLT, 1/4NCx1.75, PLD
11	28	00968 NUT, NYLOCK 1/4" PLD
12	4	01164 BOLT, 1/4NCx1 PLD
13	4	01157 WASHER FLAT, 1/4"
14	2	14212 BUSHING IG 1.0x.875x.75" W/FLANGE
15	2	00965 PIN STL COTTER 3/16"x1-1/2"
16	4	00966 BOLT, 1/4NCx2.5, PLD
17	3	13178 WHEEL, PLASTIC, 21/32 BORE
18	3	05459 BOLT, 5/8"x5.5", PLD
19	1	01051 NUT, NYLOCK, 5/8NC, PLD
20	1	00972 FTG. STL GREASE NIPPLE, 1/4NF
21	3	14261 CURTAIN SUPPORT LP FRONT
22	6	01156 SCREW TEK #12x1-1/4
23	1	14209 FLEXISHIELD 9.625" x 44.625"
24	1	14275 FLEXISHIELD 9.625" x 111"
25	3	13478 STANDOFF, BACK (SHORT)
26	3	13479 STANDOFF, FRONT (LONG)
27	12	01154 BOLT, 1/4NCx3/4, PLD
28	1	13483 AIRFOIL, 68"
29	2	13709 NUT, JAM 5/8NC, PLD
30	1	01151 SCREW TEK #12x1
31	2	01056 PLUG, 1" SQ. PLASTIC
32	6	09754 WASHER, 1/4" FENDER

TO ATTACH SHROUD TO FRAME AND EXTRUSION USE:

QTY	PART#	DESCRIPTION
9	01156	SCREW TEK #12 x 1-1/4"
8	01152	SCREW TEK #10-24x3/4"
8	01153	NUT NYLOCK #10 PLD
4	05804	POP RIVET

DECALS:
2 01396 WINDFOIL LOGO
1 01397 ROGERS DECAL



DRAWN: MERV BLINSKI	ROGERS SPRAYERS INC.		
DATE: 9/2/2005	TITLE: WG4 ASSEMBLY		
LOCATION: LOW PROFILE	DWG NO: WG4 Assembly		
REVISION #	SCALE: BEST FIT		
	MATERIAL: SIZE: A		

Exploded View Diagram of a Spray Gun Assembly

The diagram illustrates the assembly of a spray gun, showing four main sub-assemblies and their individual components. The sub-assemblies are labeled as PART#14298, PART#14299, PART#14390, and PART#14391.

Parts List for PART#14298:

ITEM	QTY	PART #	DESCRIPTION
1	1	14281	NOZZLE BODY T.J15R
2	1	14284	SEAL NOZZLE CAP, TJ
3	1	14288	CAP TJ-NB 3LUE
4	1	04720	SCREEN, TIP 50 MESH
5	1	12362	NUT BRASS, 11/16"
6	1	12423	TIP, API8004, RED

Parts List for PART#14299:

ITEM	QTY	PART #	DESCRIPTION
1	1	14282	NOZZLE BODY T.J15L
2	1	14284	SEAL NOZZLE CAP, TJ
3	1	14288	CAP TJ-NB BLUE
4	1	04720	SCREEN, TIP 50 MESH
5	1	12362	NUT BRASS, 11/16"
6	1	12423	TIP, API8004, RED

Parts List for PART#14390:

ITEM	QTY	PART #	DESCRIPTION
1	1	14282	NOZZLE BODY T.J15L
2	1	14284	SEAL NOZZLE CAP, TJ
3	1	14288	CAP TJ-NB BLUE
4	1	04720	SCREEN, TIP 50 MESH
5	1	12362	NUT BRASS, 11/16"
6	1	12423	TIP, API8004, RED

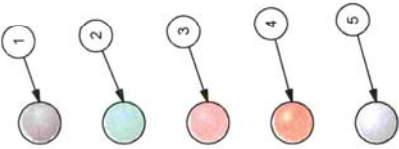
Parts List for PART#14391:

ITEM	QTY	PART #	DESCRIPTION
1	1	14281	NOZZLE BODY T.J15R
2	1	14284	SEAL NOZZLE CAP, TJ
3	1	14288	CAP TJ-NB 3LUE
4	1	04720	SCREEN, TIP 50 MESH
5	1	12362	NUT BRASS, 11/16"
6	1	12423	TIP, API8004, RED

DRAWN	25/08/2004	ROGERS SPRAYERS INC.			
CHECKED		TITLE			
QA		PLUMBING ASSBY WG & FG4_TJ			
MFG					
APPROVED		SIZE	REV		
		C		Plumbing Assy WG & FG4_TJ	
		SCALE	SHEET	1	OF 1

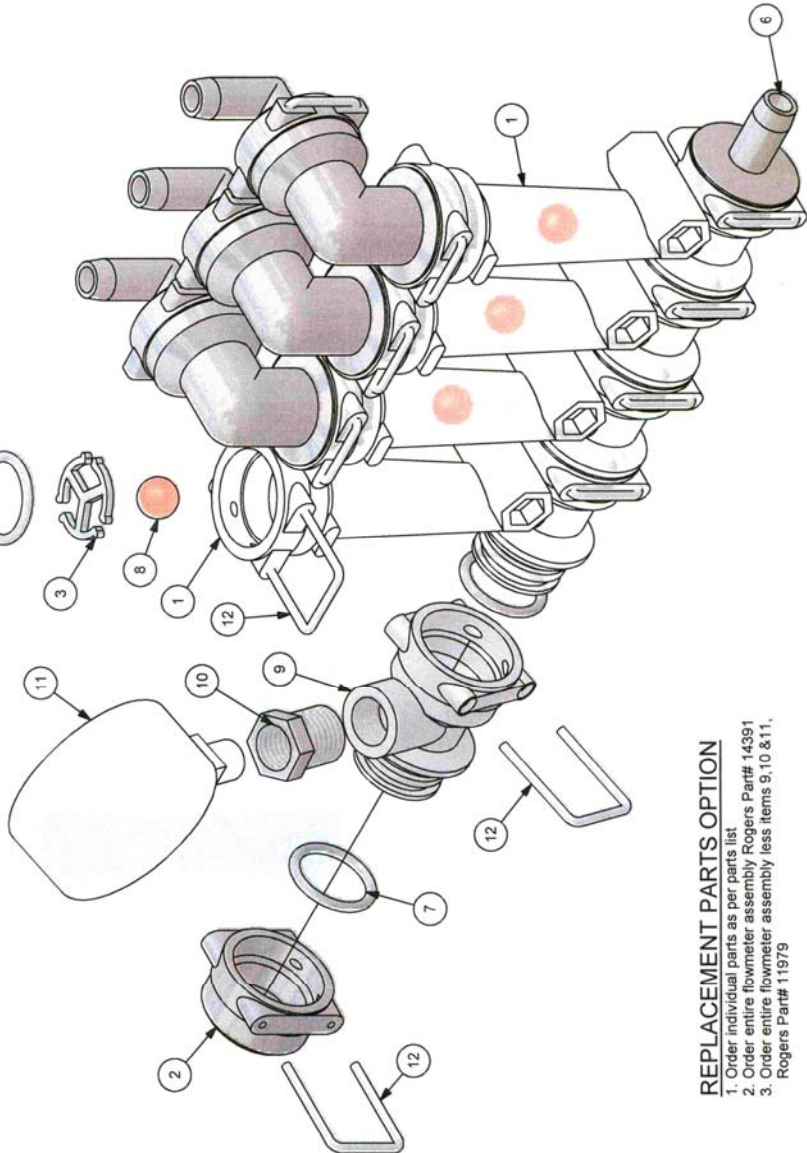
Flowmonitor Assembly (Part # 14391)

ALTERNATE BALLS YOU CAN USE
IN YOUR FLOWINDICATOR FOR
VARIOUS FLOWRATES AND
COLOR OF CHEMICALS.



Parts List		
ITEM	QTY	DESCRIPTION
1	1	BALL FI POLY 0.03-0.09 USGPM
2	1	BALL FI POLY 0.05-0.18 USGPM
3	1	BALL FI CELCON 0.09-0.3 USGPM
4	1	BALL FI GLASS 0.31-0.72 USGPM
5	1	BALL FI SS 1/2" 0.31-1.3 USGPM

Parts List		
ITEM	QTY	DESCRIPTION
1	4	FLOWMONITOR ORC BODY
2	1	FTG POLY ORC CAP
3	4	ORC BALL RETAINER
4	4	FTG POLY ELB ST MORC x FORC
5	4	FTG POLY ELB MORC x 1/2HB
6	1	FTG POLY ADPT MORC x 1/2HB
7	14	O-RING ORC
8	4	BALL FI GLASS 0.31-0.72 USGPM
9	1	FTG POLY TEE ORC M/F/FNPT 3/8"
10	1	FTG POLY RDCR 3/8MNPt x 1/4FNPT
11	1	PRESSURE GAUGE
12	14	ORC CLIP

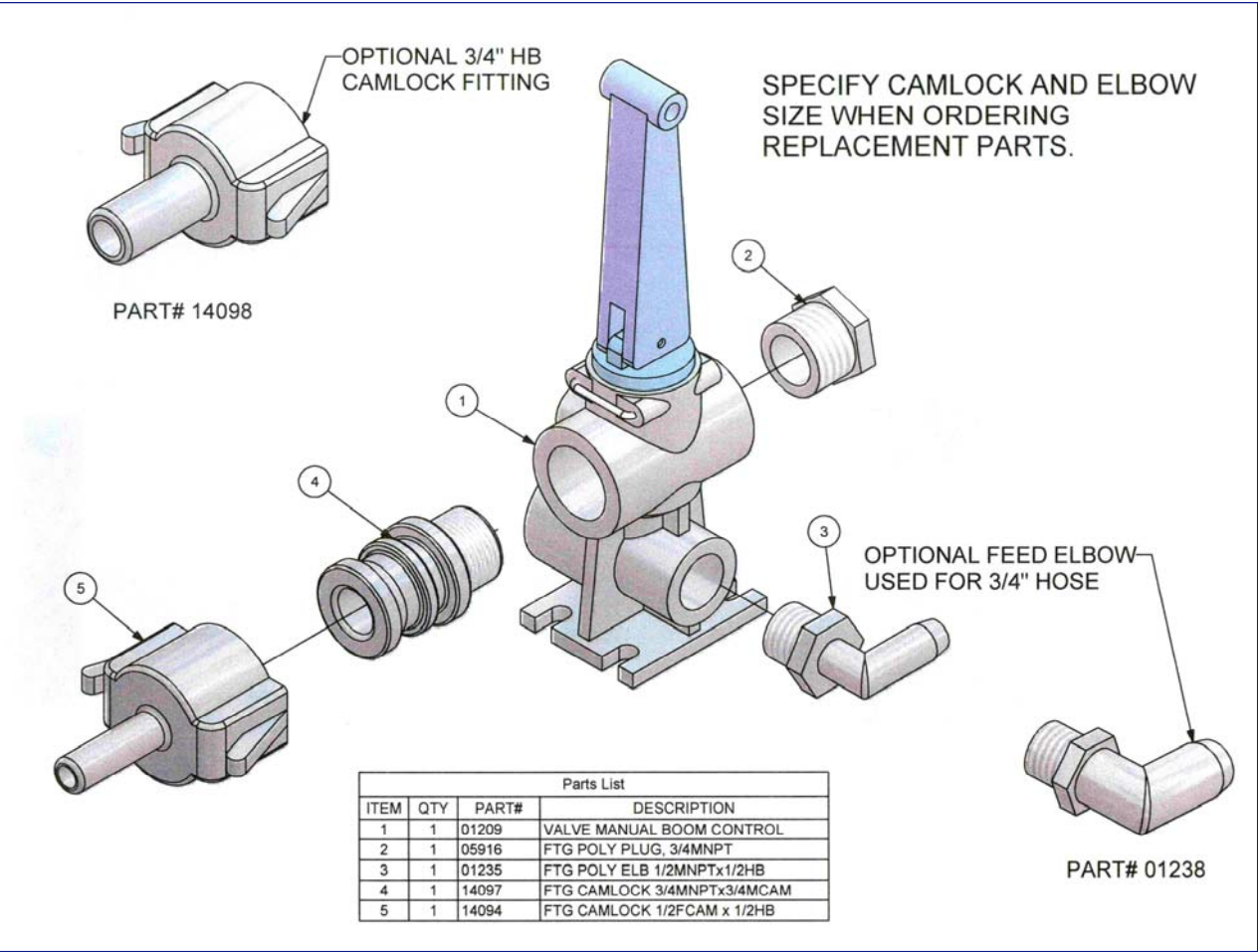


REPLACEMENT PARTS OPTION

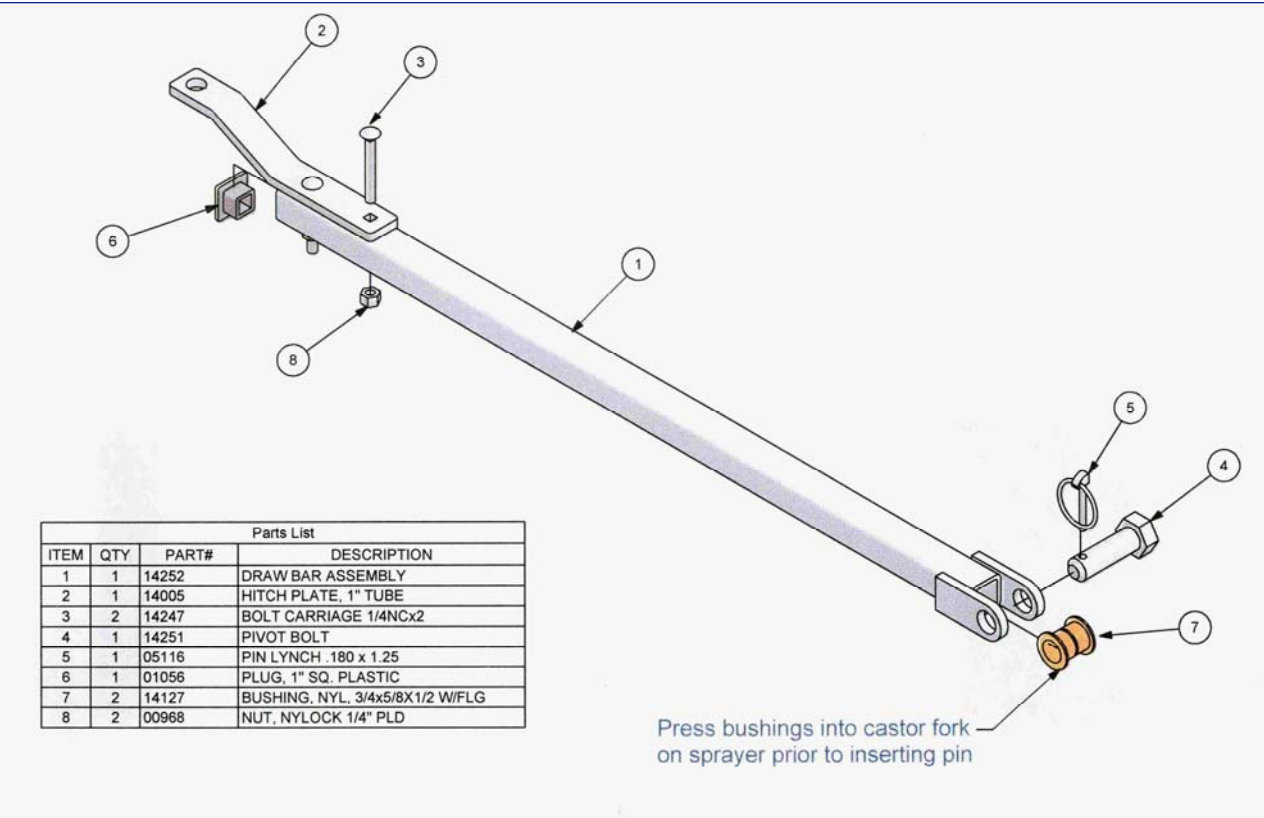
- 1. Order individual parts as per parts list
- 2. Order entire flowmeter assembly Rogers Part# 14391
- 3. Order entire flowmeter assembly less items 9,10 &11, Rogers Part# 11979

ROGERS SPRAYERS INC.		
DRAWN: J. BILINSKI	TITLE: FLOWIND. ASSY G4 w/GA	
DATE: 8/18/2004	DWG NO: 14391	
LOCATION: PLUMBING	SCALE: 1/2"	
REVISION #	MATERIAL: A	

Valve Assembly G-Series Part # 14390



F111 Tow Hitch



DECLARATION OF CONFORMITY
(According to ISO/IEC Guide 22 And EN 45014)

We, ROGERS SPRAYERS INC.
813B 50-TH STREET EAST
SASKATOON, SASKATCHEWAN. S7K 3Y5

declare that the following product:

SPRAY BOOM, MODELS WA5000, WA5000E, WA6000, WA6000E, WS5000,
WS5000E, WS6000, WS6000E, FA5000, FA5000E, FA6000, FA6000E, FS5000,
FS5000E, FS6000, FS6000E
PEDESTRIAN BOOM MODELS WG3, WG4, WG6, FG3, FG4, FG6
PEDESTRIAN SPRAYER MODELS WE3, WE4, WE6, FE3, FE4, FE6

is in conformity with the provisions of the following European Directives:

Council Directive 98/37/EC; as amended by 98/79/EEC:

And the following standards:

SS-EN 907

Done at SASKATOON, SASKATCHEWAN, CANADA **on** SEPTEMBER 25, 2006

..........

.....



ROGERS SPRAYERS INC.

813B - 50th Street East
Saskatoon, SK S7K 3Y5
Canada

Phone: (306) 975-0500
Fax: (306) 975-0499
Email: info@rogerssprayers.com
Web: www.rogerssprayers.com