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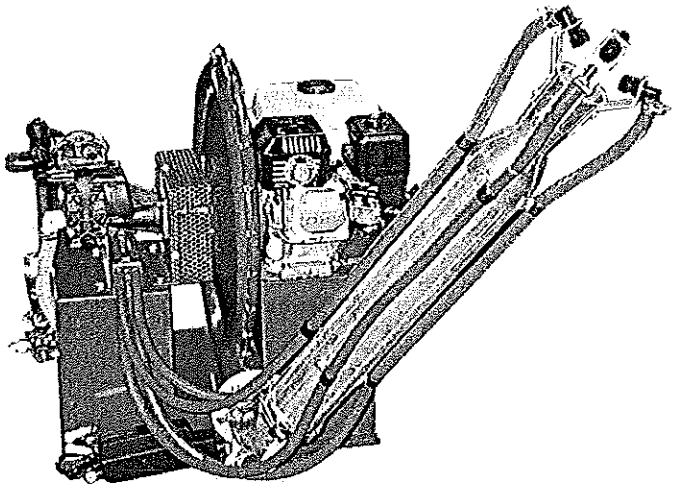
Jen-ell Mister



500ltr Tray mount
500ltr Trailed

User Guide

REF : 280905-JMIS

Jen-ell Mister Terms and Conditions

Silvan Pumps & Sprayers (Aust.) Pty. Ltd. Warrants to the owner, that it will repair or replace, without charge for labour or parts, any defective or malfunctioning parts in accordance with the warranty limitations and adjustments schedule below.

PRODUCT - ALL
PRIVATE DOMESTIC - 12 MONTHS
PRIVATE AND COMMERCIAL AGRICULTURE - 12 MONTHS
AGRICULTURAL CONTRACTORS AND GOVERNMENT DEPTS- 6 MONTHS
ALL NON-AGRICULTURAL APPLICATIONS - 3 MONTHS

The warranty period will begin on the date the product is delivered to the first retail purchaser.

THIS WARRANTY COVERS:

- Only conditions resulting from defects in workmanship or material under normal use and service.

THIS WARRANTY DOES NOT COVER:

- Conditions resulting from misuse, negligence, alteration, accidental damage or failure to perform normal maintenance services;
- Any product which has been repaired by other than authorised Silvan Pumps & Sprayers (Aust.) Pty. Ltd. Service outlet so as , in any way in the sole and absolute judgement of Silvan Pumps & Sprayers (Aust.) Pty. Ltd. To affect adversely its performance and reliability;
- The replacement of lubricating oil, filters and belts made in connection with normal maintenance services
- Loss of time, inconvenience, loss of use of the product or other consequential damages.

The repair of defective products qualifying under this warranty will be performed by an authorised Silvan Pumps & Sprayers (Aust.) Pty. Ltd. Service outlet within a reasonable time following the delivery of the product, at the cos of the owner, to the service outlet's place of business. The product will be repaired or replaced, using new parts sold by Silvan Pumps & Sprayers (Aust.) Pty. Ltd.

The owner is responsible for the performance of regular maintenance services as specified in the Owners/Operator's Manual applicable to the product.

THIS WARRANTY ISTHE ONLY WARRANTY APPLICABLE TO SILVAN PUMPS & SPRAYERS (AUST.) PTY. LTD. NEW PRODUCTS AND, TO THE MAXIMUM EXTENT PERMITTED BY LAW, IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

- SILVAN PUMPS & SPRAYERS (AUST.) PTY. LTD. DOES NOT AUTHORISE ANY PERSON TO CREATE FOR IT ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH THESE PRODUCTS.

SILVAN PUMPS & SPRAYERS (AUST.) PTY. LTD. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM A PRODUCT PERFORMING IN BREACH OF THIS WRITTEN WARRANTY.

Jen-ell Silvan

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Jen-ell Mister Safety & Handling

..Warning ! This sprayer is designed and manufactured solely for the purpose of applying agricultural chemicals to crops. Under no circumstances may it be used for any other purpose.

..Warning ! Prior to sprayer usage all users and operators must have read and fully understand the content of this operations manual.

..Warning ! Refer to the chemical manufacturer's label for correct use and safe handling instructions of chemicals before use.

..Warning ! Never allow inadequately trained personnel to attach or operate the implement.

..Warning ! Read all of this instruction manual together with the installation procedures before attempting to install or operate the sprayer.

..Warning ! Before carrying out any maintenance work wash the sprayer thoroughly to remove all toxic chemicals that may contaminate the machine.

..Warning ! Do not exceed the vehicle or tractor manufacturers specified safe load carrying and towing capacities.

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Jen-ell Mister Pre Operation Check

If you do not have the tools or expertise to carry out repairs or servicing yourself please contact your local Silvan Jen-ell dealer and they can arrange for the work to be carried out. It is important to remember that this machine is only covered during its warranty period if work is carried out by an authorised repairer, any work performed by a non authorised repairer will render the warranty void.

* Read operators manual thoroughly.

* Always follow Chemical manufacturers label instructions.

* Appropriate protective clothing must be worn at all times.

* Check all fittings, hose clamps, bolts and nuts, clean suction filter.

* Connect and check that electric controls operate (check for free movement of air outlet boom) if left/right operates opposite to switch, reverse connections on the linear actuator.

* NOTE electrical connection is 12V DC ONLY.

* Check OIL & fuel levels (refer to engine and pump manufacturers specifications)

* Pressurise air chamber to manufacturers spcifications, usually 10-15% of the operating pressure ~100 to175kpa (10-15psi)

* NOTE: always check jet outputs and pressure guage accuracy via a flow test. Simply place jet/s in a measure jug and measure mls/minute.

Jen-ell Mister Basic Operation

Misters have some advantages over other methods of spraying pests. They are faster and cheaper under some conditions . The dis advantages are the inability to to apply high volumes and variable application especially at wide swath widths.
However if the operator works within the limitations of the machine they are an effective alternate to aircraft anc boomsprays.
The mister works by generating high velocity air from a fan and accelerating it through a venturi outlet.
This high velocity air is combined with the spray from a nozzle to form a mist which is carried on the wind to the desired swath width.

ULV / LV ?

Ultra low volume (ULV) is spray volumes between 100ml and 3 litres per hectare.
Low volume (LV) is spray volumes between 3 litres and 20 litres.

START UP OF YOUR MISTER

After checking all hoses, connections, bolts, nuts and oil levels in motor, pump and gearbox.
DO NOT ADD ANY CHEMICAL AT THIS POINT!.

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Jen-ell Mister Basic Operation *cont'd*

USEFUL FORMULAE cont'd
To calculate correct amount of chemical to add to the tank.

Chemical needed (litres)

$$= \frac{\text{tank volume (litres)} \times \text{chemical rate (litres/ha)}}{\text{application rate l/ha}}$$

eg. $\frac{500 \text{ litres} \times 0.5 \text{ litres/ha}}{1.0 \text{ l/ha}}$

= 250 litres/chemical

NOTE: Always the accuracy of your guage and nozzles to ensure correct output rates via a flow test.

Contact your local Agronomist for advice on appropriate chemicals and application rates for the problem at hand They have up to date information on the latest chemicals and application techniques.

RECORD for future rference
Weather conditions
Weed or pest problem
Paddock No's
Chemical/s used
Chemical rate
Spray application rate
Date sprayed

Wind and Weather Conditions

Wind and weather conditions can have an important impact on your spraying operation when using a mister.

Wind Conditions
Wind speed should idealy be between 5 and 15 km/h: but not more than 20km/h.
Always travel at 90 deg to wind direction.
Avoid calm or very light wind conditions as these conditions often indicate inversion layers which are a worse drift hazard than strong winds.

Temperature
Temperature should be at least 15 degrees C and no higher than 30 degrees C.
At higher temperatures the use of anti evaporants is recomended for "EC" chemicals and ULV formulations.

Jen-ell Mister Basic Operation *cont'd*

Wind and Weather Conditions cont

Humidity

Humidity should be between 40 and 70 % this will reduce evaporation of the spray droplets.
Misters should not be used on hot windy days

Planing Field Operation

Spraying should be started at the down wind end of the paddock and work progressively to and fro upwind maintaining right angles to the wind.
The air outlet can be left in an upright position to give the widest swath width or swung from side to side making sure the outlet remains pointing down wind while spraying.
It may be necessary to use some form of marking e.g. foam marker, G.P.S, compass or flags.

Pump Maintenance and Operation

.The chemical pump is a diaphragm type with a reduction gearbox. DO NOT RUN PUMP ABOVE MANUFACTURERS RECOMENDED SPEED as early failure may result and warranty may become void.

Daily Checks

Check oil level in pump sight glass (ideally half way up sight glass)
Check oil in gearbox (fill to the level plug)
Check and clean all filters. Blocked filters can place extra strain on the pump.
Check for loose bolts and hoses.
Check air in surge damper (should be 10 to 15% of operating pressure) excessive vibration in the delivery hose is an indicator of in correct pressure in the surge damper. Incorrect or no pressure in the surge damper can cause premature diaphragm failure.

ALWAYS FLUSH PUMP AFTER EVERY USE!!

It is of utmost importance to ensure the pump is thoroughly flushed AFTER EVERY USE and where possible use a chemical neutralising agent. Failure to flush as per recommendation can cause premature diaphragm damage and may also void warranty.

Oil Changes

Engine oil should be changed after 100 operating hours.
Pump and Gearbox oil should be changed after 200 operating hours.

NOTE: When checking oils it pays to check the diaphragms for wear or cracks and replace as necessary.

Check inlet and outlet valves at the same time and replace as necessary, Worn valves reduce the working life of diaphragms.
This is a recomended Pre-Season maintenace and will help avoid costly downtime.

Jen-ell Mister Basic Operation *cont'd*

START UP OF YOUR MISTER cont'd

Start engine and bring to half operating speed, turn sprayagitate valve to agitate and run for 10 min. Turn spray agitate valve to spray positionswitch on spray, Set pressure control to 400kpa and check for leaks (rectify any leaks at this stage). You are now ready to calibrate your mister.

SPRAYING SPEEDS

Speeds should be in the region of 5 to 20 kph as higher speeds tend to narrow the swath width **so they do not increase the speed of work done.**

Choose a speed which is comfortable and sustainable with out causing to vehicle or mister.

MISTER OUTPUT

To determine mister output in l/min multiply desired application rate x forward speed x estimated swath width divided by 600 = mister output in l/min

e.g. $\frac{1.00 \text{ l/ha} \times 20\text{kph} \times 80\text{m}}{600}$

= 2.66 l/min

SWATH WIDTH

ULV	40 to 100m
lLV EC and flowable liquids	20 to 45m
LV Wettable powders	20m

It is an idea to test the coverage at the desired swath with using water sensitive paper to save on respraying.

TO DETERMINE SWATH WIDTH

1) lay out test strips at 5 mtr spacings at right angles to the direction of travel.
2) Start the mister spraying 50mtrs before the test strips and continue 50mtrs past the strips.
3) Examine the strips and determine where even coverage tapers off. This is the maximum swath width.

Another method is to count the number of droplets in 1 sq cm using a magnifying glass (20 to 30 drops per sq cm is ideal). Cutting a 1cm sq hole in a piece of cardboard may assist in the counting of droplets when placed over the test strip. The distance between the strips showing the ideal number of droplets is the maximum swath width that should be used.

USEFUL FORMULAE

To calculate application rate

$$\text{Litres/ha} = \frac{\text{Spray output l/min} \times 600}{\text{Speed (km/hr x swath width}}$$

eg. $\frac{2.66 \text{ l/min} \times 600}{20 \text{ kph} \times 80\text{m}}$

= 1.00 litre/ha

To calculate tank volume required to cover a given area

= Area (ha) x spray application rate l/ha

eg. 160 ha x 1.6 l/ha = 256litres

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Jen-ell Mister Basic Operation *cont*

Filling, Flushing and Maintenance

Filling tank and operating suction probe

Water mixed chemicals add about 25% water to the tank, set the spray/agitate valve to agitate and start motor to run at fast idle. Use suction probe to add chemicals to tank. (see suction probe operation below)

Suction Probe Operation

To operate suction probe set spray/agitate valve to agitate start the motor and run at idle, insert probe into chemical container and change the 3 way valve at the suction filter to the suction probe. With some experimentation it is possible to have flow from the tank and the probe simultaneously to aid in mixing the chemical. When the chemical transfer is complete change the 3 way sution valve to draw from the tank. Rinse the chemical container and use the suction probe to empty, repeat 3 times.

Operating the Mister

After agitating the tank contents set the spray/agitate valve to spray. (Note ULV chemicals should be agitated for approximatly10 min to warm up to operating temperatures before spraying making sure the main switch is in the off position) increase motor speed to full, adjust pressure control to achievethe desired output. Turn mister outlet to the appropriate side, turn the main electric switch to spray and spray at the selected speed and pressure.

Flushing The Mister

Always endeavour to to finish the spray job with an empty tank to avoid the need to drain chemical risking a spill Never under any circumstance should the mister be drained anywhere near Dams, Creeks, Rivers or anywhere the chemical can enter these areas or ground water this can have a detrimental effect on the immediate environment.

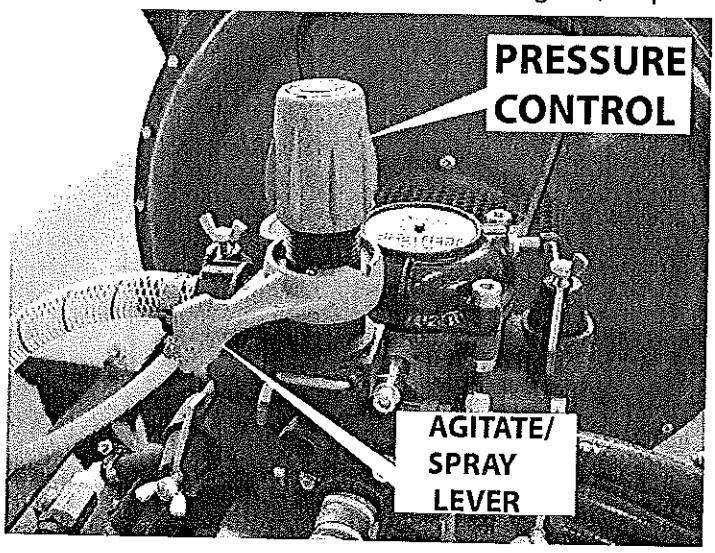
Drain the tank via the 3 way valve at the sump, wash down the inside of the tank and the whole outside of the machine. Clean the filters and reassemble, partly fill the tank with water and with the electric spray switch set to off and the spray/agitate vale set to agitate, start the motor and run for 10 min.

Stop the motor and drain the tank, fill partially fill the tank once again and add a spray cleaning agent (refer to manufacturers recomendations) and run through for a further 10 min. Set the spray agitate valve to spray and the electric switch to spray and run through for 5 min to clean the lines and nozzles, switch to off again , stop motor and drain the tank.

NOTE:

It is particularly important to maintain the use of a neutralising cleaner to ensure the extended life of the diaphragms and other elastomer parts in the pump and filters especially at completion of use for your spraying program to help preserve the pump during storage untill next use.

Properly cleaned equipment helps save money and time.



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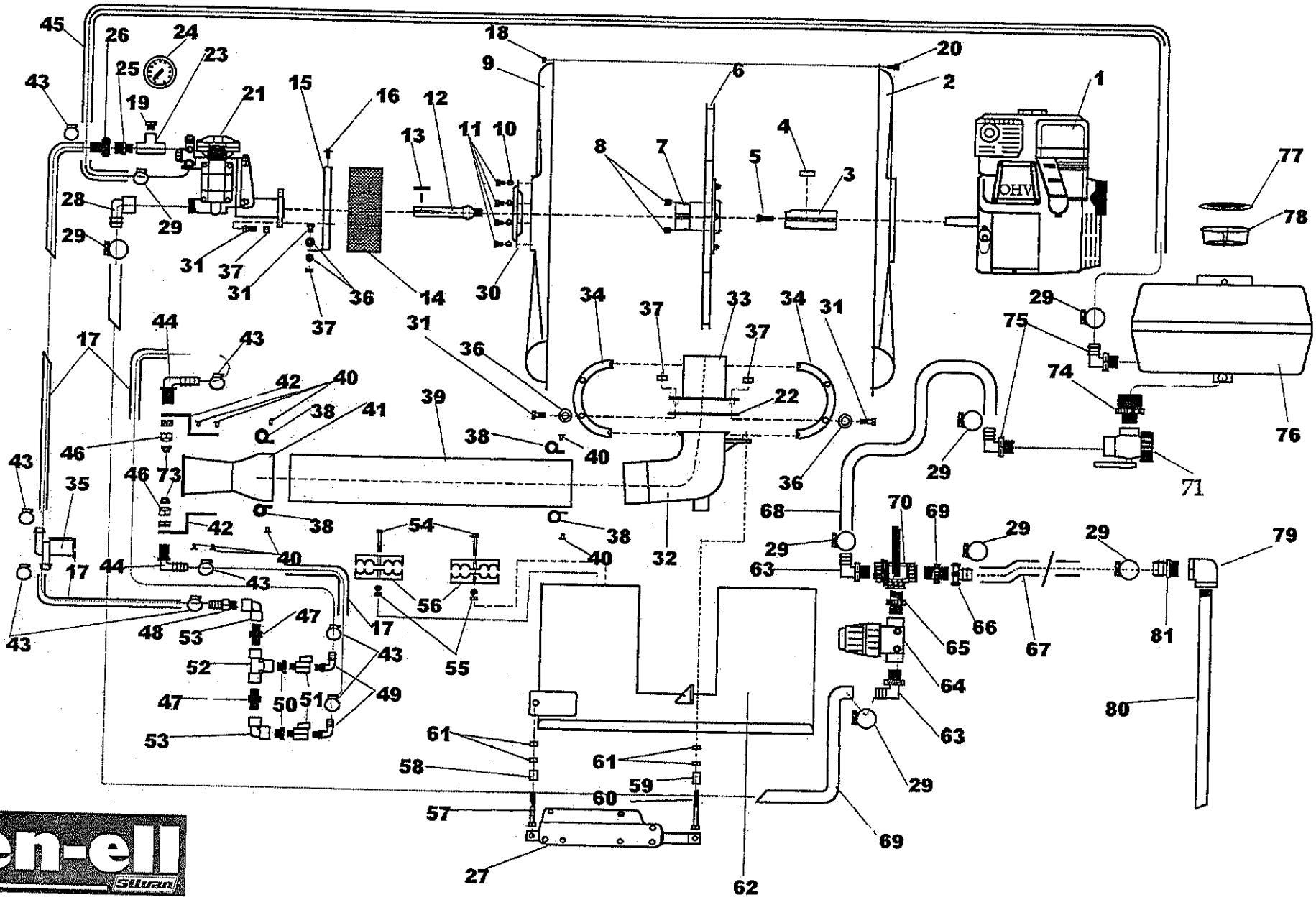
Jen-ell Mister Schematic Diagram



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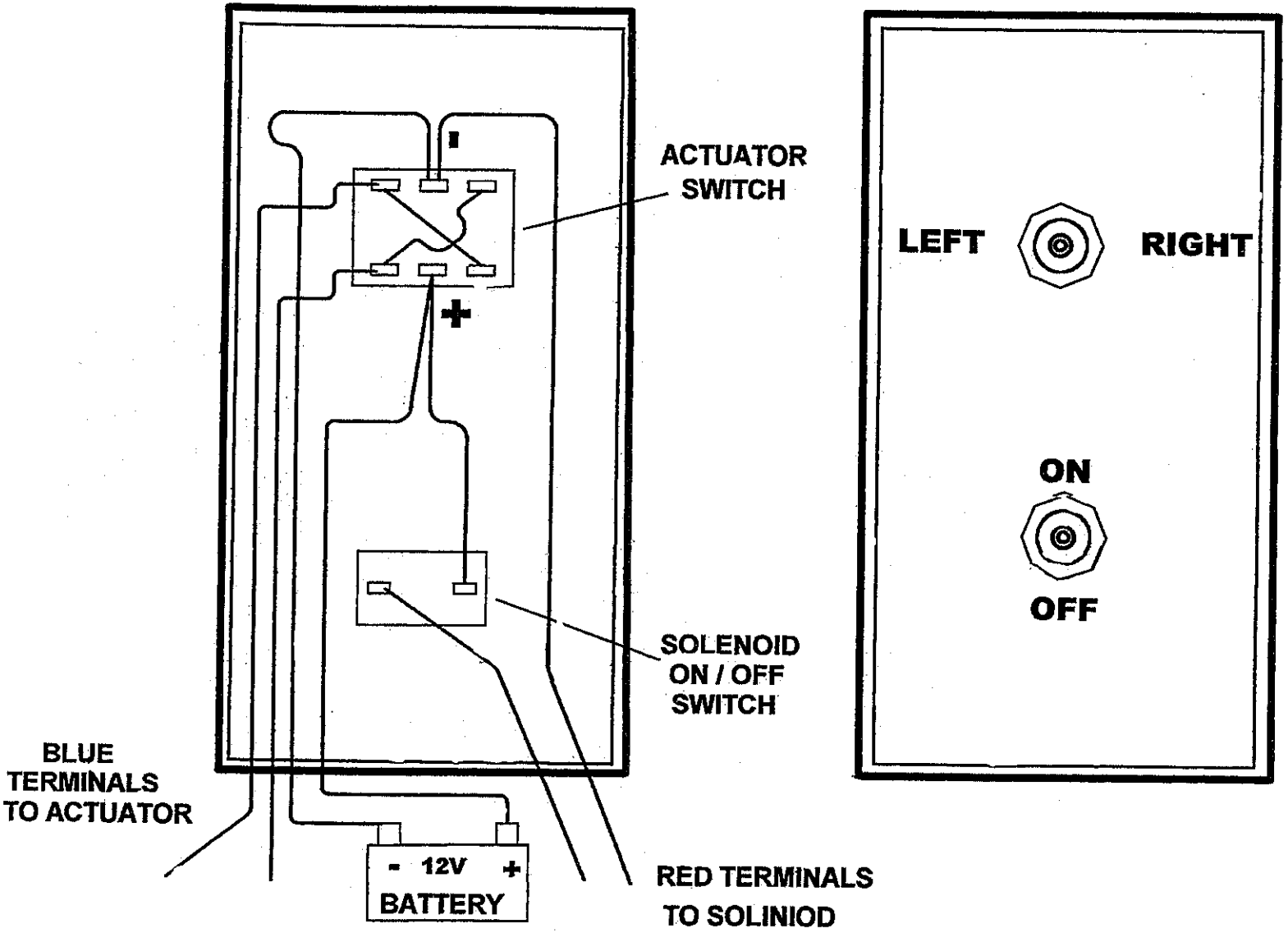
Jen-ell Mister Parts Guide

Pos	Part Number	Description	Qty
1	JA-1301001	Honda engine GX 160 5.5 hp tapered shaft	1
2	JA-2405020	Fan housing engine side	1
3	"	Fan shaft	1
4	"	Key Fan shaft 3/8" x 1/4"	1
5	"	Allen headed screw fan shaft 5/16" x 1/4"	1
6	"	Fan wheel	1
7	"	Taper lock bush No 1610 1 1/2" bore	1
8	"	Grub screws - Taper lock bush	2
9	"	Fan housing intake side	1
10	"	Flat washers fan intake	
11	"	Bolts Fan intake	
12	"	Extension shaft	1
13	"	Key extension shaft 3/16" x 3/16"	1
14	JA-2405031	Shaft guard	1
15		Pump mounting bracket	1
16		Screws shaft guard No:10 x 20mm	3
17	186-12C	12.5mm ID Ag delivery hose	
18		6mm Nut for fan housing	27
19	JA-1804008	6mm x 10mm Brass reducing bush	1
20		6mm x 12mm bolt fan housing	27
21	ZZCMC20/20	MC20/20 pump/g/box (C5011-164 flange separate)	1
22	JA-2405004	Gasket - wear ring	1
23		Tee 3/4 poly	1
24	JA-1809006	Guage B/ent 63 mm 0-100psi	1
25			
26			
27	JA-2405011	Linear actuator	1
28			
29			
30		Intake volute	1
31			
32	JA-2405027	Cast elbow	1
33		Fan outlet flange	1
34	JA-2405007	Flange coupling 2 piece	1
35	AAB344AEC-2-1	Ball valve Spraying Systems	1
36		8mm x 20mm washer	10
37		8mm nut	12
38	JA-1512002	"P" Clamp hose	8
39	JA-2405009	Tube 100mm x 600mm Aluminium	1
40		Rivets	16

Pos	Part Number	Description	Qty
41	JA-2405010	Mister venturi	1
42	JA-2405001	Jet holder bracket	4
43		15mm hose clamp	8
44	8121-NYB-540TD	Hose shank nozzle body elbow	4
45	JA-1401126	19mm CPR hose	2m
46	CP8027-NYB	Teejet cap - jet holder	4
47	JA-1802019	Poly nipple 15mm	6
48	JA-1801059	Nylon tail 15mm	1
49	EL1212	Nylon elbow 15mm	4
50			
51	JA-1807046	Brass mini ball valve M&F 15mm	5
52	JA-1802045	Poly tee 15mm	4
53	JA-1802051	Poly elbow 15mm	2
54			
55			
56	JA-2405014	Hose locator	4
57		m10 x 85mm bolt actuator mounting	1
58		Spacer actuator mounting motor end	1
59		Spacer actuator mounting	1
60		m10 x 85mm bolt actuator mounting	1
61		m10 nuts actuator mounting	4
62	JA-2405019	mister base	1
63	JA-1801023	Nylon elbow 20mm	2
64	PLF-324034	Arag 324 filter	1
65	JA-1802021	Poly nipple 20mm	2
66	CAM20F	Camlock F20	1
67			
68			
69			
70	JA-1807028	3 Way ball valve	1
71	JA-1807070	3 Way poly ball valve	1
72	JA-1506052	Mister harness (see overpage)	1
73		Mister jets 2x65001 2x650015 2x65002	6
74		40-25 Reducing bush	1
75	EL10034	Nylon elbow 25 x 20mm	2
76	433-500	500l Polyethylene cartage tank	1
77	G8146002	255mm Tank lid and breather	1
78	G8147002	255mm Basket filter	1
79	JA-1801027	Nylon elbow 25mm	1
80	JA-1802044	Poly suction probe	1

Jen-ell Mister Remote Control Diagram



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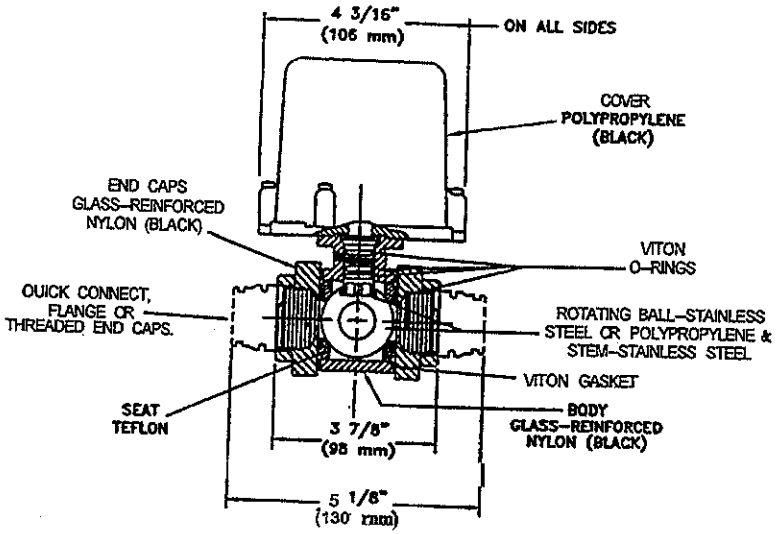
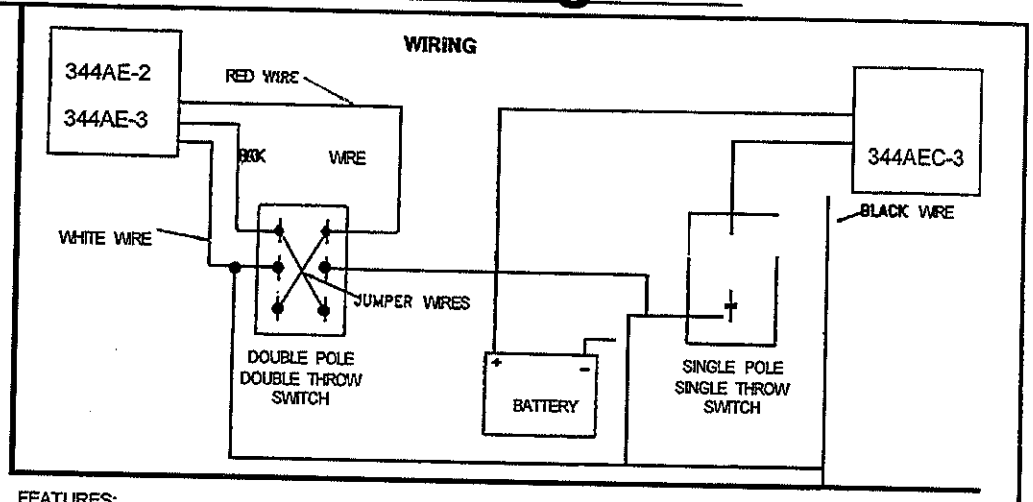
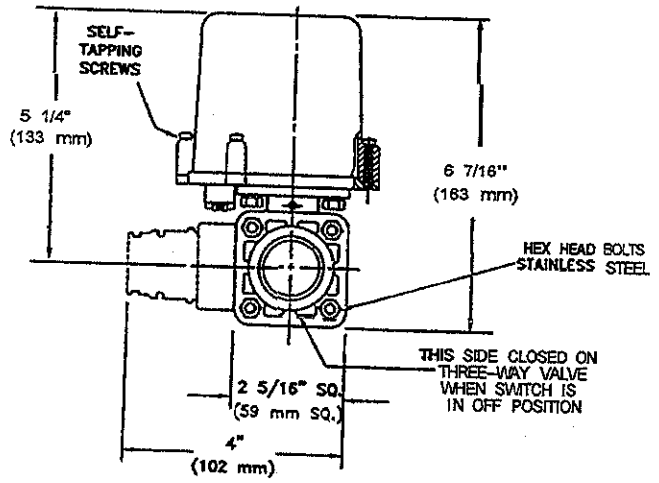
Jen-ell Mister On/Off Valve Diagram







FEATURES:

- RESPONSE TIME FROM CLOSED TO OPEN: 3/4 SECOND.
- MAXIMUM OPERATING PRESSURE – 300 psi (20 bar).
- TWO–WAY VALVES HAVE UNRESTRICTED FLOW WHEN WIDE OPEN: 5 psi (0.35 bar) PRESSURE DROP FOR 32 GPM (121 l/min) FLOW.
- THREE–WAY BALL VALVES HAVE UNRESTRICTED FLOW WHEN WIDE OPEN: 5 psi (0.35 bar) PRESSURE DROP FOR 24 GPY (91 l/min) FLOW.
- 344AE VALVES OPERATE IN ANY 12 VDC SYSTEM AND MAY BE CONTROLLED BY AN ALTERNATE ACTION D.P.D.T. SWITCH (ON–OFF).
- 344AEC VALVES OPERATE IN ANY 12 VDC SYSTEM AND MAY BE CONTROLLED BY A SINGLE POLE SINGLE THROW SWITCH (ON–OFF).
- VERY LOW POWER CONSUMPTION. ONLY 1 AMP CURRENT WHEN BALL IS IN MOTION.
- POSITIVE 1/4 TURN OFF AND ON.
- 344AEC HAS INTERNAL RESETTABLE FUSE (DISCONNECT POWER FOR 20 SECONDS TO RESET).

SEE DATA SHEET #45529 FOR OPTIONAL QUICK CONNECT OUTLET CONNECTIONS.

SEE DATA SHEETS #FLANGE–1 & FLANGE–2 FOR FLANGE FITTINGS AND CLAMPS.

SEE DATA SHEET #20122-3 FOR WIRING INSTRUCTIONS FOR NEGATIVE SWITCHED SYSTEMS.

Not: Mount With Cover Up

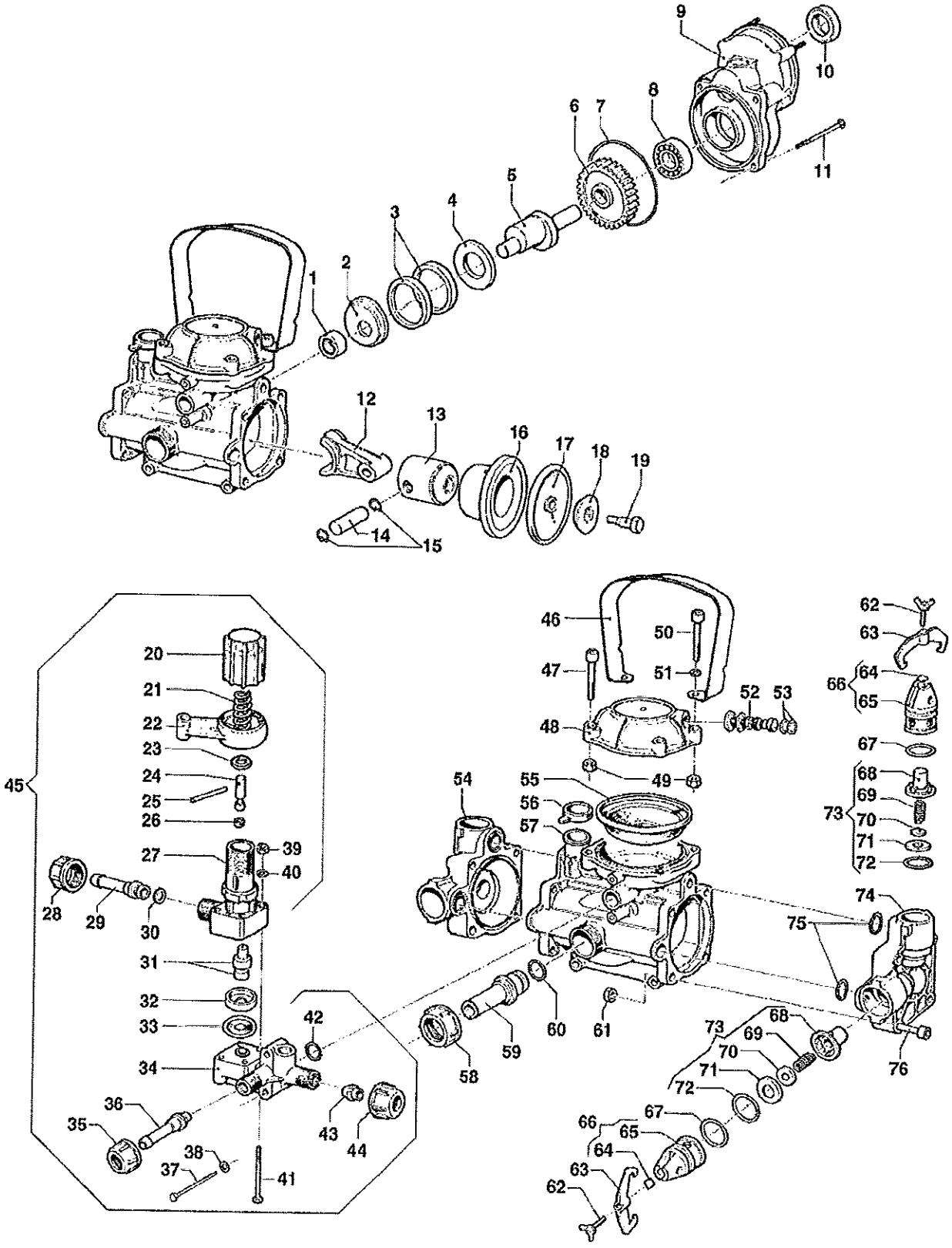
DESCRIPTION:
AA(B)344AE-2 & -3
AA(B)344AEC-2 & -5
(-3/4, -1, -F, -O) VERSIONS
REMOTE CONTROL TWO
AND THREE WAY
ELECTRIC BALL VALVES
(NPT & BSPT CONN.)

Spraying Systems Co.
Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No. 3	Data Sheet No. 344AE/AEC
Ref.	SHEET OF

Jen-ell

Silvan / Silvan Selecta AgriPOWER	**DIAPHRAGM PUMP MC20/20**	
ISSUE No. : C PAGE : 1 OF 3	PART No.: **ZZCMC20/20**	DRAWING No : 0192 ISSUE DATE : 26/01/2005



DIAPHRAGM PUMP
MC20/20

ISSUE No. : C PAGE : 2 OF 3	PART No.: **ZZCMC20/20**	DRAWING No : 0192 ISSUE DATE : 26/01/2005

REF	PART NUMBER	QTY	DESCRIPTION	NOTES
1	C0437-17	1	Bearing, Needle 15x21x12	
2	C0601-235	1	Disc, Spacer	
3	C0010-12	2	Ring, Conrod 47x39x5	
4	C2813-73	1	Washer, Thrust ϕ46xϕ32,5x3	
5	C0001-291	1	Crankshaft, MC20/20	
6	C0409-17	1	Gear, External	
7	C1210-053	1	O-Ring, 1,78x72,75	
8	C0438-65	1	Bearing, Roller 15x32x9	
9	C3002-491	1	Support	
10	C0019-88	1	Seal, Oil ϕ15x30x7	
11	C3609-173	4	Bolt, Allen Headed	
12	C0205-59	2	Conrod, Piston	
13	C2409-23	2	Piston	
14	C3011-06	2	Pin, Gudgeon ϕ12x36,5	
15	C3020-20	4	Circlip, Piston 12mm	
16	C0400-69	2	Sleeve, Piston ϕ45	
17	C1800-20	2	Diaphragm, Piston Head ϕ74	A
18	C0602-33	2	Disc, Diaphragm	
19	C3605-27	2	Stud, Piston	
20	C1223-05	1	Cap, Pressure Regulator	
21	C1802-43	1	Spring, Pressure Regulator	
22	C1600-23	1	Lever, Pressure Regulator	
23	C2811-02	1	Washer	
24	C0015-13	1	Valve, Regulator	
25	C3005-27	1	Pin, Regulator	
26	C1216-06	1	Gasket, Viton 6,2x10,1x3,2	
27	C0424-046	1	Body, Regulator	
28	C1200-27	1	Nut, Bypass 1/2"GAS	
29	C2800-20	1	Tail, Bypass Straight	
30	C1210-057	1	O-Ring, 2,62x10,78	
31	C3600-88	1	Valve	
32	C3009-029	1	Seat, Regulator	
33	C1209-30	1	Gasket, ϕ11x29,7x2,5	A
34	C0424-050	1	Body, Main Control	
35	C1200-020	2	Nut, Wing	
36	C2802-15	1	Tail, Outlet	
37	C3609-017	2	Bolt, Allen Headed	
38	C2811-30	4	Washer, 6,4x12,5	
39	C0604-46	4	Nut, Regulator Body 5mm	
40	C2811-37	4	Washer, 5,3x10x1	
41	C3609-109	4	Bolt, Allen Headed	
42	C1210-025	1	O-Ring, 2,9x13,8	A
43	C3202-14	1	Plug, Control	
44	C1200-20	1	Nut, Fly	
45	C1215-014	1	Regulator Assy	
46	C1818-24	1	Handle, MC20/20 Pump	
47	C3609-165	2	Bolt, Allen Headed 8x35	
48	C0003-11	1	Head, Air Chamber	

NOTES: A – Items Included in Repair Kit (CSK1920)

DIAPHRAGM PUMP
MC20/20

ISSUE No. : C
PAGE : 3 OF 3

PART No.: ZZCMC20/20

DRAWING No : 0192
ISSUE DATE : 26/01/2005

REF	PART NUMBER	QTY	DESCRIPTION	NOTES
49	C0604-63	4	Nut, Hex 8mm	
50	C3609-162	2	Bolt, Allen Headed 8x40	
51	C2811-16	2	Washer	
52	C3610-03	1	Valve, Air	
53	C1209-33	2	O-Ring, Air Valve ϕ14x7,5x2	
54	C3218-15	1	Head, L.H. Piston	
55	C1800-33	1	Diaphragm, Air Chamber	A
56	C1800-79	1	Diaphragm, Oil Cap	
57	C0403-134	1	Crankcase, Pump	
58	C1200-08	1	Nut, Suction	
59	C2800-16	1	Tail, Suction Straight	
60	C1210-046	4	O-Ring, 2,62x17,13	A
61	C0604-63	4	Nut, Hex	
62	C3605-32	4	Stud, Wing	
63	C0418-18	4	Clamp, Valve	
64	C2403-75	4	Plate	
65	C3202-27	4	Plug, Valve Assy.	
66	C3202-214	1	Kit	
67	C1210-052	4	O-Ring, 3,53x21,82	A
68	C1205-07	4	Cage, Valve	
69	C1802-15	4	Spring, Valve	A
70	C3604-07	4	Poppet, Valve	
71	C3009-023	4	Seat, Valve	
72	C1210-029	4	O-Ring, 2,62x25,07	A
73	C1212-04	4	Valve Assembly	
74	C3218-16	1	Head, R.H. Piston	
75	C1210-046	4	O-Ring, 2,62x17,13	A
76	C3609-162	8	Bolt, Allen Headed 8x40	
A	CSK1920	1	Kit, Repair	

NOTES: A – Items Included in Repair Kit (CSK1920)

20m Swath Width			APPLICATION RATE- Litres per Hectare					
JET No.	Pressure kpa	Flow Rate L/min	5 km/hr	10 km/hr	15 km/hr	20 km/hr	25 km/hr	30 km/hr
6501	200	0.32	1.92	0.96	0.64	0.48	0.38	0.32
	250	0.36	2.16	1.08	0.72	0.54	0.43	0.36
	300	0.39	2.34	1.17	0.78	0.59	0.47	0.39
	350	0.43	2.58	1.29	0.86	0.65	0.52	0.43
	400	0.46	2.76	1.38	0.92	0.69	0.55	0.46
65015	200	0.48	2.88	1.44	0.96	0.72	0.58	0.48
	250	0.54	3.24	1.62	1.08	0.81	0.65	0.54
	300	0.59	3.54	1.77	1.18	0.89	0.71	0.59
	350	0.64	3.84	1.92	1.28	0.96	0.77	0.64
	400	0.68	4.08	2.04	1.36	1.02	0.82	0.68
6502	200	0.64	3.84	1.92	1.28	0.96	0.77	0.64
	250	0.72	4.32	2.16	1.44	1.08	0.86	0.72
	300	0.79	4.74	2.37	1.58	1.19	0.95	0.79
	350	0.85	5.10	2.55	1.70	1.28	1.02	0.85
	400	0.91	5.46	2.73	1.82	1.37	1.09	0.91
6503	200	0.97	5.82	2.91	1.94	1.46	1.16	0.97
	250	1.08	6.48	3.24	2.16	1.62	1.30	1.08
	300	1.18	7.08	3.54	2.36	1.77	1.42	1.18
	350	1.28	7.68	3.84	2.56	1.92	1.54	1.28
	400	1.37	8.22	4.11	2.74	2.06	1.64	1.37
6504	200	1.29	7.74	3.87	2.58	1.94	1.55	1.29
	250	1.44	8.64	4.32	2.88	2.16	1.73	1.44
	300	1.58	9.48	4.74	3.16	2.37	1.90	1.58
	350	1.71	10.26	5.13	3.42	2.57	2.05	1.71
	400	1.82	10.92	5.46	3.64	2.73	2.18	1.82
6505	200	1.61	9.66	4.83	3.22	2.42	1.93	1.61
	250	1.80	10.80	5.40	3.60	2.70	2.16	1.8
	300	1.97	11.82	5.91	3.94	2.96	2.36	1.97
	350	2.13	12.78	6.39	4.26	3.20	2.56	2.13
	400	2.28	13.68	6.84	4.56	3.42	2.74	2.28
6506	200	1.93	11.58	5.79	3.86	2.90	2.32	1.93
	250	2.16	12.96	6.48	4.32	3.24	2.59	2.16
	300	2.37	14.22	7.11	4.74	3.56	2.84	2.37
	350	2.56	15.36	7.68	5.12	3.84	3.07	2.56
	400	2.74	16.44	8.22	5.48	4.11	3.29	2.74
6508	200	2.58	15.48	7.74	5.16	3.87	3.10	2.58
	250	2.88	17.28	8.64	5.76	4.32	3.46	2.88
	300	3.16	18.96	9.48	6.32	4.74	3.79	3.16
	350	3.41	20.46	10.23	6.82	5.12	4.09	3.41
	400	3.65	21.90	10.95	7.30	5.48	4.38	3.65

30m Swath Width			APPLICATION RATE- Litres per Hectare					
JET No.	Pressure kpa	Flow Rate L/min	5 km/hr	10 km/hr	15 km/hr	20 km/hr	25 km/hr	30 km/hr
6501	200	0.32	1.28	0.64	0.43	0.32	0.26	0.21
	250	0.36	1.44	0.72	0.48	0.36	0.29	0.24
	300	0.39	1.56	0.78	0.52	0.39	0.31	0.26
	350	0.43	1.72	0.86	0.57	0.43	0.34	0.29
	400	0.46	1.84	0.92	0.61	0.46	0.37	0.31
65015	200	0.48	1.92	0.96	0.64	0.48	0.38	0.32
	250	0.54	2.16	1.08	0.72	0.54	0.43	0.36
	300	0.59	2.36	1.18	0.79	0.59	0.47	0.39
	350	0.64	2.56	1.28	0.85	0.64	0.51	0.43
	400	0.68	2.72	1.36	0.91	0.68	0.54	0.45
6502	200	0.64	2.56	1.28	0.85	0.64	0.51	0.43
	250	0.72	2.88	1.44	0.96	0.72	0.58	0.48
	300	0.79	3.16	1.58	1.05	0.79	0.63	0.53
	350	0.85	3.40	1.70	1.13	0.85	0.68	0.57
	400	0.91	3.64	1.82	1.21	0.91	0.73	0.61
6503	200	0.97	3.88	1.94	1.29	0.97	0.78	0.65
	250	1.08	4.32	2.16	1.44	1.08	0.86	0.72
	300	1.18	4.72	2.36	1.57	1.18	0.94	0.79
	350	1.28	5.12	2.56	1.71	1.28	1.02	0.85
	400	1.37	5.48	2.74	1.83	1.37	1.10	0.91
6504	200	1.29	5.16	2.58	1.72	1.29	1.03	0.86
	250	1.44	5.76	2.88	1.92	1.44	1.15	0.96
	300	1.58	6.32	3.16	2.11	1.58	1.26	1.05
	350	1.71	6.84	3.42	2.28	1.71	1.37	1.14
	400	1.82	7.28	3.64	2.43	1.82	1.46	1.21
6505	200	1.61	6.44	3.22	2.15	1.61	1.29	1.07
	250	1.80	7.20	3.60	2.40	1.80	1.44	1.20
	300	1.97	7.88	3.94	2.63	1.97	1.58	1.31
	350	2.13	8.52	4.26	2.84	2.13	1.70	1.42
	400	2.28	9.12	4.56	3.04	2.28	1.82	1.52
6506	200	1.93	7.72	3.86	2.57	1.93	1.54	1.29
	250	2.16	8.64	4.32	2.88	2.16	1.73	1.44
	300	2.37	9.48	4.74	3.16	2.37	1.90	1.58
	350	2.56	10.24	5.12	3.41	2.56	2.05	1.71
	400	2.74	10.96	5.48	3.65	2.74	2.19	1.83
6508	200	2.58	10.32	5.16	3.44	2.58	2.06	1.72
	250	2.88	11.52	5.76	3.84	2.88	2.30	1.92
	300	3.16	12.64	6.32	4.21	3.16	2.53	2.11
	350	3.41	13.64	6.82	4.55	3.41	2.73	2.27
	400	3.65	14.60	7.30	4.87	3.65	2.92	2.43

40m Swath Width			APPLICATION RATE- Litres per Hectare					
JET No.	Pressure kpa	Flow Rate L/min	5 km/hr	10 km/hr	15 km/hr	20 km/hr	25 km/hr	30 km/hr
6501	200	0.32	0.96	0.48	0.32	0.24	0.19	0.16
	250	0.36	1.08	0.54	0.36	0.27	0.22	0.18
	300	0.39	1.17	0.59	0.39	0.29	0.23	0.20
	350	0.43	1.29	0.65	0.43	0.32	0.26	0.22
	400	0.46	1.38	0.69	0.46	0.35	0.28	0.23
65015	200	0.48	1.44	0.72	0.48	0.36	0.29	0.24
	250	0.54	1.62	0.81	0.54	0.41	0.32	0.27
	300	0.59	1.77	0.89	0.59	0.44	0.35	0.30
	350	0.64	1.92	0.96	0.64	0.48	0.38	0.32
	400	0.68	2.04	1.02	0.68	0.51	0.41	0.34
6502	200	0.64	1.92	0.96	0.64	0.48	0.38	0.32
	250	0.72	2.16	1.08	0.72	0.54	0.43	0.36
	300	0.79	2.37	1.19	0.79	0.59	0.47	0.40
	350	0.85	2.55	1.28	0.85	0.64	0.51	0.43
	400	0.91	2.73	1.37	0.91	0.68	0.55	0.46
6503	200	0.97	2.91	1.46	0.97	0.73	0.58	0.49
	250	1.08	3.24	1.62	1.08	0.81	0.65	0.54
	300	1.18	3.54	1.77	1.18	0.89	0.71	0.59
	350	1.28	3.84	1.92	1.28	0.96	0.77	0.64
	400	1.37	4.11	2.06	1.37	1.03	0.82	0.69
6504	200	1.29	3.87	1.94	1.29	0.97	0.77	0.65
	250	1.44	4.32	2.16	1.44	1.08	0.86	0.72
	300	1.58	4.74	2.37	1.58	1.19	0.95	0.79
	350	1.71	5.13	2.57	1.71	1.28	1.03	0.86
	400	1.82	5.46	2.73	1.82	1.37	1.09	0.91
6505	200	1.61	4.83	2.42	1.61	1.21	0.97	0.81
	250	1.80	5.40	2.70	1.80	1.35	1.08	0.90
	300	1.97	5.91	2.96	1.97	1.48	1.18	0.99
	350	2.13	6.39	3.20	2.13	1.60	1.28	1.07
	400	2.28	6.84	3.42	2.28	1.71	1.37	1.14
6506	200	1.93	5.79	2.90	1.93	1.45	1.16	0.97
	250	2.16	6.48	3.24	2.16	1.62	1.30	1.08
	300	2.37	7.11	3.56	2.37	1.78	1.42	1.19
	350	2.56	7.68	3.84	2.56	1.92	1.54	1.28
	400	2.74	8.22	4.11	2.74	2.06	1.64	1.37
6508	200	2.58	7.74	3.87	2.58	1.94	1.55	1.29
	250	2.88	8.64	4.32	2.88	2.16	1.73	1.44
	300	3.16	9.48	4.74	3.16	2.37	1.90	1.58
	350	3.41	10.23	5.12	3.41	2.56	2.05	1.71
	400	3.65	10.95	5.48	3.65	2.74	2.19	1.83

50m Swath Width			APPLICATION RATE- Litres per Hectare					
JET No.	Pressure kpa	Flow Rate L/min	5 km/hr	10 km/hr	15 km/hr	20 km/hr	25 km/hr	30 km/hr
6501	200	0.32	0.77	0.38	0.26	0.19	0.15	0.13
	250	0.36	0.86	0.43	0.29	0.22	0.17	0.14
	300	0.39	0.94	0.47	0.31	0.23	0.19	0.16
	350	0.43	1.03	0.52	0.34	0.26	0.21	0.17
	400	0.46	1.10	0.55	0.37	0.28	0.22	0.18
65015	200	0.48	1.15	0.58	0.38	0.29	0.23	0.19
	250	0.54	1.30	0.65	0.43	0.32	0.26	0.22
	300	0.59	1.42	0.71	0.47	0.35	0.28	0.24
	350	0.64	1.54	0.77	0.51	0.38	0.31	0.26
	400	0.68	1.63	0.82	0.54	0.41	0.33	0.27
6502	200	0.64	1.54	0.77	0.51	0.38	0.31	0.26
	250	0.72	1.73	0.86	0.58	0.43	0.35	0.29
	300	0.79	1.90	0.95	0.63	0.47	0.38	0.32
	350	0.85	2.04	1.02	0.68	0.51	0.41	0.34
	400	0.91	2.18	1.09	0.73	0.55	0.44	0.36
6503	200	0.97	2.33	1.16	0.78	0.58	0.47	0.39
	250	1.08	2.59	1.30	0.86	0.65	0.52	0.43
	300	1.18	2.83	1.42	0.94	0.71	0.57	0.47
	350	1.28	3.07	1.54	1.02	0.77	0.61	0.51
	400	1.37	3.29	1.64	1.10	0.82	0.66	0.55
6504	200	1.29	3.10	1.55	1.03	0.77	0.62	0.52
	250	1.44	3.46	1.73	1.15	0.86	0.69	0.58
	300	1.58	3.79	1.90	1.26	0.95	0.76	0.63
	350	1.71	4.10	2.05	1.37	1.03	0.82	0.68
	400	1.82	4.37	2.18	1.46	1.09	0.87	0.73
6505	200	1.61	3.86	1.93	1.29	0.97	0.77	0.64
	250	1.80	4.32	2.16	1.44	1.08	0.86	0.72
	300	1.97	4.73	2.36	1.58	1.18	0.95	0.79
	350	2.13	5.11	2.56	1.70	1.28	1.02	0.85
	400	2.28	5.47	2.74	1.82	1.37	1.09	0.91
6506	200	1.93	4.63	2.32	1.54	1.16	0.93	0.77
	250	2.16	5.18	2.59	1.73	1.30	1.04	0.86
	300	2.37	5.69	2.84	1.90	1.42	1.14	0.95
	350	2.56	6.14	3.07	2.05	1.54	1.23	1.02
	400	2.74	6.58	3.29	2.19	1.64	1.32	1.10
6508	200	2.58	6.19	3.10	2.06	1.55	1.24	1.03
	250	2.88	6.91	3.46	2.30	1.73	1.38	1.15
	300	3.16	7.58	3.79	2.53	1.90	1.52	1.26
	350	3.41	8.18	4.09	2.73	2.05	1.64	1.36
	400	3.65	8.76	4.38	2.92	2.19	1.75	1.46

60m Swath Width			APPLICATION RATE- Litres per Hectare					
JET No.	Pressure kpa	Flow Rate L/min	5 km/hr	10 km/hr	15 km/hr	20 km/hr	25 km/hr	30 km/hr
6501	200	0.32	0.64	0.32	0.21	0.16	0.13	0.11
	250	0.36	0.72	0.36	0.24	0.18	0.14	0.12
	300	0.39	0.78	0.39	0.26	0.20	0.16	0.13
	350	0.43	0.86	0.43	0.29	0.22	0.17	0.14
	400	0.46	0.92	0.46	0.31	0.23	0.18	0.15
65015	200	0.48	0.96	0.48	0.32	0.24	0.19	0.16
	250	0.54	1.08	0.54	0.36	0.27	0.22	0.18
	300	0.59	1.18	0.59	0.39	0.30	0.24	0.20
	350	0.64	1.28	0.64	0.43	0.32	0.26	0.21
	400	0.68	1.36	0.68	0.45	0.34	0.27	0.23
6502	200	0.64	1.28	0.64	0.43	0.32	0.26	0.21
	250	0.72	1.44	0.72	0.48	0.36	0.29	0.24
	300	0.79	1.58	0.79	0.53	0.40	0.32	0.26
	350	0.85	1.70	0.85	0.57	0.43	0.34	0.28
	400	0.91	1.82	0.91	0.61	0.46	0.36	0.30
6503	200	0.97	1.94	0.97	0.65	0.49	0.39	0.32
	250	1.08	2.16	1.08	0.72	0.54	0.43	0.36
	300	1.18	2.36	1.18	0.79	0.59	0.47	0.39
	350	1.28	2.56	1.28	0.85	0.64	0.51	0.43
	400	1.37	2.74	1.37	0.91	0.69	0.55	0.46
6504	200	1.29	2.58	1.29	0.86	0.65	0.52	0.43
	250	1.44	2.88	1.44	0.96	0.72	0.58	0.48
	300	1.58	3.16	1.58	1.05	0.79	0.63	0.53
	350	1.71	3.42	1.71	1.14	0.86	0.68	0.57
	400	1.82	3.64	1.82	1.21	0.91	0.73	0.61
6505	200	1.61	3.22	1.61	1.07	0.81	0.64	0.54
	250	1.80	3.60	1.80	1.20	0.90	0.72	0.60
	300	1.97	3.94	1.97	1.31	0.99	0.79	0.66
	350	2.13	4.26	2.13	1.42	1.07	0.85	0.71
	400	2.28	4.56	2.28	1.52	1.14	0.91	0.76
6506	200	1.93	3.86	1.93	1.29	0.97	0.77	0.64
	250	2.16	4.32	2.16	1.44	1.08	0.86	0.72
	300	2.37	4.74	2.37	1.58	1.19	0.95	0.79
	350	2.56	5.12	2.56	1.71	1.28	1.02	0.85
	400	2.74	5.48	2.74	1.83	1.37	1.10	0.91
6508	200	2.58	5.16	2.58	1.72	1.29	1.03	0.86
	250	2.88	5.76	2.88	1.92	1.44	1.15	0.96
	300	3.16	6.32	3.16	2.11	1.58	1.26	1.05
	350	3.41	6.82	3.41	2.27	1.71	1.36	1.14
	400	3.65	7.30	3.65	2.43	1.83	1.46	1.22

70m Swath Width			APPLICATION RATE- Litres per Hectare					
JET No.	Pressure kpa	Flow Rate L/min	5 km/hr	10 km/hr	15 km/hr	20 km/hr	25 km/hr	30 km/hr
6501	200	0.32	0.55	0.27	0.18	0.14	0.11	0.09
	250	0.36	0.62	0.31	0.21	0.15	0.12	0.10
	300	0.39	0.67	0.33	0.22	0.17	0.13	0.11
	350	0.43	0.74	0.37	0.25	0.18	0.15	0.12
	400	0.46	0.79	0.39	0.26	0.20	0.16	0.13
65015	200	0.48	0.82	0.41	0.27	0.21	0.16	0.14
	250	0.54	0.93	0.46	0.31	0.23	0.19	0.15
	300	0.59	1.01	0.51	0.34	0.25	0.20	0.17
	350	0.64	1.10	0.55	0.37	0.27	0.22	0.18
	400	0.68	1.17	0.58	0.39	0.29	0.23	0.19
6502	200	0.64	1.10	0.55	0.37	0.27	0.22	0.18
	250	0.72	1.23	0.62	0.41	0.31	0.25	0.21
	300	0.79	1.35	0.68	0.45	0.34	0.27	0.23
	350	0.85	1.46	0.73	0.49	0.36	0.29	0.24
	400	0.91	1.56	0.78	0.52	0.39	0.31	0.26
6503	200	0.97	1.66	0.83	0.55	0.42	0.33	0.28
	250	1.08	1.85	0.93	0.62	0.46	0.37	0.31
	300	1.18	2.02	1.01	0.67	0.51	0.40	0.34
	350	1.28	2.19	1.10	0.73	0.55	0.44	0.37
	400	1.37	2.35	1.17	0.78	0.59	0.47	0.39
6504	200	1.29	2.21	1.11	0.74	0.55	0.44	0.37
	250	1.44	2.47	1.23	0.82	0.62	0.49	0.41
	300	1.58	2.71	1.35	0.90	0.68	0.54	0.45
	350	1.71	2.93	1.47	0.98	0.73	0.59	0.49
	400	1.82	3.12	1.56	1.04	0.78	0.62	0.52
6505	200	1.61	2.76	1.38	0.92	0.69	0.55	0.46
	250	1.80	3.09	1.54	1.03	0.77	0.62	0.51
	300	1.97	3.38	1.69	1.13	0.84	0.68	0.56
	350	2.13	3.65	1.83	1.22	0.91	0.73	0.61
	400	2.28	3.91	1.95	1.30	0.98	0.78	0.65
6506	200	1.93	3.31	1.65	1.10	0.83	0.66	0.55
	250	2.16	3.70	1.85	1.23	0.93	0.74	0.62
	300	2.37	4.06	2.03	1.35	1.02	0.81	0.68
	350	2.56	4.39	2.19	1.46	1.10	0.88	0.73
	400	2.74	4.70	2.35	1.57	1.17	0.94	0.78
6508	200	2.58	4.42	2.21	1.47	1.11	0.88	0.74
	250	2.88	4.94	2.47	1.65	1.23	0.99	0.82
	300	3.16	5.42	2.71	1.81	1.35	1.08	0.90
	350	3.41	5.85	2.92	1.95	1.46	1.17	0.97
	400	3.65	6.26	3.13	2.09	1.56	1.25	1.04

80m Swath Width			APPLICATION RATE- Litres per Hectare					
JET No.	Pressure kpa	Flow Rate L/min	5 km/hr	10 km/hr	15 km/hr	20 km/hr	25 km/hr	30 km/hr
6501	200	0.32	0.48	0.24	0.16	0.12	0.10	0.08
	250	0.36	0.54	0.27	0.18	0.14	0.11	0.09
	300	0.39	0.59	0.29	0.20	0.15	0.12	0.10
	350	0.43	0.65	0.32	0.22	0.16	0.13	0.11
	400	0.46	0.69	0.35	0.23	0.17	0.14	0.12
65015	200	0.48	0.72	0.36	0.24	0.18	0.14	0.12
	250	0.54	0.81	0.41	0.27	0.20	0.16	0.14
	300	0.59	0.89	0.44	0.30	0.22	0.18	0.15
	350	0.64	0.96	0.48	0.32	0.24	0.19	0.16
	400	0.68	1.02	0.51	0.34	0.26	0.20	0.17
6502	200	0.64	0.96	0.48	0.32	0.24	0.19	0.16
	250	0.72	1.08	0.54	0.36	0.27	0.22	0.18
	300	0.79	1.19	0.59	0.40	0.30	0.24	0.20
	350	0.85	1.28	0.64	0.43	0.32	0.26	0.21
	400	0.91	1.37	0.68	0.46	0.34	0.27	0.23
6503	200	0.97	1.46	0.73	0.49	0.36	0.29	0.24
	250	1.08	1.62	0.81	0.54	0.41	0.32	0.27
	300	1.18	1.77	0.89	0.59	0.44	0.35	0.30
	350	1.28	1.92	0.96	0.64	0.48	0.38	0.32
	400	1.37	2.06	1.03	0.69	0.51	0.41	0.34
6504	200	1.29	1.94	0.97	0.65	0.48	0.39	0.32
	250	1.44	2.16	1.08	0.72	0.54	0.43	0.36
	300	1.58	2.37	1.19	0.79	0.59	0.47	0.40
	350	1.71	2.57	1.28	0.86	0.64	0.51	0.43
	400	1.82	2.73	1.37	0.91	0.68	0.55	0.46
6505	200	1.61	2.42	1.21	0.81	0.60	0.48	0.40
	250	1.80	2.70	1.35	0.90	0.68	0.54	0.45
	300	1.97	2.96	1.48	0.99	0.74	0.59	0.49
	350	2.13	3.20	1.60	1.07	0.80	0.64	0.53
	400	2.28	3.42	1.71	1.14	0.86	0.68	0.57
6506	200	1.93	2.90	1.45	0.97	0.72	0.58	0.48
	250	2.16	3.24	1.62	1.08	0.81	0.65	0.54
	300	2.37	3.56	1.78	1.19	0.89	0.71	0.59
	350	2.56	3.84	1.92	1.28	0.96	0.77	0.64
	400	2.74	4.11	2.06	1.37	1.03	0.82	0.69
6508	200	2.58	3.87	1.94	1.29	0.97	0.77	0.65
	250	2.88	4.32	2.16	1.44	1.08	0.86	0.72
	300	3.16	4.74	2.37	1.58	1.19	0.95	0.79
	350	3.41	5.12	2.56	1.71	1.28	1.02	0.85
	400	3.65	5.48	2.74	1.83	1.37	1.10	0.91

90m Swath Width			APPLICATION RATE- Litres per Hectare					
JET No.	Pressure kpa	Flow Rate L/min	5 km/hr	10 km/hr	15 km/hr	20 km/hr	25 km/hr	30 km/hr
6501	200	0.32	0.43	0.21	0.14	0.11	0.09	0.07
	250	0.36	0.48	0.24	0.16	0.12	0.10	0.08
	300	0.39	0.52	0.26	0.17	0.13	0.10	0.09
	350	0.43	0.57	0.29	0.19	0.14	0.11	0.10
	400	0.46	0.61	0.31	0.20	0.15	0.12	0.10
65015	200	0.48	0.64	0.32	0.21	0.16	0.13	0.11
	250	0.54	0.72	0.36	0.24	0.18	0.14	0.12
	300	0.59	0.79	0.39	0.26	0.20	0.16	0.13
	350	0.64	0.85	0.43	0.28	0.21	0.17	0.14
	400	0.68	0.91	0.45	0.30	0.23	0.18	0.15
6502	200	0.64	0.85	0.43	0.28	0.21	0.17	0.14
	250	0.72	0.96	0.48	0.32	0.24	0.19	0.16
	300	0.79	1.05	0.53	0.35	0.26	0.21	0.18
	350	0.85	1.13	0.57	0.38	0.28	0.23	0.19
	400	0.91	1.21	0.61	0.40	0.30	0.24	0.20
6503	200	0.97	1.29	0.65	0.43	0.32	0.26	0.22
	250	1.08	1.44	0.72	0.48	0.36	0.29	0.24
	300	1.18	1.57	0.79	0.52	0.39	0.31	0.26
	350	1.28	1.71	0.85	0.57	0.43	0.34	0.28
	400	1.37	1.83	0.91	0.61	0.46	0.37	0.30
6504	200	1.29	1.72	0.86	0.57	0.43	0.34	0.29
	250	1.44	1.92	0.96	0.64	0.48	0.38	0.32
	300	1.58	2.11	1.05	0.70	0.53	0.42	0.35
	350	1.71	2.28	1.14	0.76	0.57	0.46	0.38
	400	1.82	2.43	1.21	0.81	0.61	0.49	0.40
6505	200	1.61	2.15	1.07	0.72	0.54	0.43	0.36
	250	1.80	2.40	1.20	0.80	0.60	0.48	0.40
	300	1.97	2.63	1.31	0.88	0.66	0.53	0.44
	350	2.13	2.84	1.42	0.95	0.71	0.57	0.47
	400	2.28	3.04	1.52	1.01	0.76	0.61	0.51
6506	200	1.93	2.57	1.29	0.86	0.64	0.51	0.43
	250	2.16	2.88	1.44	0.96	0.72	0.58	0.48
	300	2.37	3.16	1.58	1.05	0.79	0.63	0.53
	350	2.56	3.41	1.71	1.14	0.85	0.68	0.57
	400	2.74	3.65	1.83	1.22	0.91	0.73	0.61
6508	200	2.58	3.44	1.72	1.15	0.86	0.69	0.57
	250	2.88	3.84	1.92	1.28	0.96	0.77	0.64
	300	3.16	4.21	2.11	1.40	1.05	0.84	0.70
	350	3.41	4.55	2.27	1.52	1.14	0.91	0.76
	400	3.65	4.87	2.43	1.62	1.22	0.97	0.81

100m Swath Width			APPLICATION RATE- Litres per Hectare					
JET No.	Pressure kpa	Flow Rate L/min	5 km/hr	10 km/hr	15 km/hr	20 km/hr	25 km/hr	30 km/hr
6501	200	0.32	0.38	0.19	0.13	0.10	0.08	0.06
	250	0.36	0.43	0.22	0.14	0.11	0.09	0.07
	300	0.39	0.47	0.23	0.16	0.12	0.09	0.08
	350	0.43	0.52	0.26	0.17	0.13	0.10	0.09
	400	0.46	0.55	0.28	0.18	0.14	0.11	0.09
65015	200	0.48	0.58	0.29	0.19	0.14	0.12	0.10
	250	0.54	0.65	0.32	0.22	0.16	0.13	0.11
	300	0.59	0.71	0.35	0.24	0.18	0.14	0.12
	350	0.64	0.77	0.38	0.26	0.19	0.15	0.13
	400	0.68	0.82	0.41	0.27	0.20	0.16	0.14
6502	200	0.64	0.77	0.38	0.26	0.19	0.15	0.13
	250	0.72	0.86	0.43	0.29	0.22	0.17	0.14
	300	0.79	0.95	0.47	0.32	0.24	0.19	0.16
	350	0.85	1.02	0.51	0.34	0.26	0.20	0.17
	400	0.91	1.09	0.55	0.36	0.27	0.22	0.18
6503	200	0.97	1.16	0.58	0.39	0.29	0.23	0.19
	250	1.08	1.30	0.65	0.43	0.32	0.26	0.22
	300	1.18	1.42	0.71	0.47	0.35	0.28	0.24
	350	1.28	1.54	0.77	0.51	0.38	0.31	0.26
	400	1.37	1.64	0.82	0.55	0.41	0.33	0.27
6504	200	1.29	1.55	0.77	0.52	0.39	0.31	0.26
	250	1.44	1.73	0.86	0.58	0.43	0.35	0.29
	300	1.58	1.90	0.95	0.63	0.47	0.38	0.32
	350	1.71	2.05	1.03	0.68	0.51	0.41	0.34
	400	1.82	2.18	1.09	0.73	0.55	0.44	0.36
6505	200	1.61	1.93	0.97	0.64	0.48	0.39	0.32
	250	1.80	2.16	1.08	0.72	0.54	0.43	0.36
	300	1.97	2.36	1.18	0.79	0.59	0.47	0.39
	350	2.13	2.56	1.28	0.85	0.64	0.51	0.43
	400	2.28	2.74	1.37	0.91	0.68	0.55	0.46
6506	200	1.93	2.32	1.16	0.77	0.58	0.46	0.39
	250	2.16	2.59	1.30	0.86	0.65	0.52	0.43
	300	2.37	2.84	1.42	0.95	0.71	0.57	0.47
	350	2.56	3.07	1.54	1.02	0.77	0.61	0.51
	400	2.74	3.29	1.64	1.10	0.82	0.66	0.55
6508	200	2.58	3.10	1.55	1.03	0.77	0.62	0.52
	250	2.88	3.46	1.73	1.15	0.86	0.69	0.58
	300	3.16	3.79	1.90	1.26	0.95	0.76	0.63
	350	3.41	4.09	2.05	1.36	1.02	0.82	0.68
	400	3.65	4.38	2.19	1.46	1.10	0.88	0.73