

High Speed Waterblasters



SAFETY FIRST

- 1 Never direct the spray jet at any person or animal.
- 2 Never direct the spray jet at the machine itself or at any electrical equipment.
- 3 After use release the pressure in the hose by operating the gun trigger.
- 4 When not in use always switch off the engine and disconnect from the water supply.
- 5 The engine will be hot- allow to cool before touching.
- 6 Do not attempt to repair—contact your local dealer or Condor Pumps for advise.
- 7 Never supply any liquid other than water to the inlet.
- 8 Do not allow high pressure hose to kink .
- 9 Never pull hose over sharp objects.
- 10 Use only detergents approved for power washing when using the chemical injection facility.
- 11 Never use solvents, thinners petrol etc in chemical injection.
- 12 Do not attempt to disconnect hose or coupling while pressure is still in the hose.
- 13 Do not operate the machine while standing on a ladder, use a platform or scaffold.
- 14 Do not allow children to operate the machine.
- 15 We recommend using safety goggles while operating this machine.
- 16 Never allow the pump to run for more than a 3 minute period without opening the gun (this will cause pump damage due to excessive water temperature and void the warranty)
- 17 Never run pump without water as it will damage the pump.

ASSEMBLY AND PREPARATION FOR USE

- 1 Fit handle with fastenings supplied.
- 2 If pump has a oil filler, check oil level with sight glass or dip stick on filler bung—oil to be SAE 20W 50 multigrade oil.
- 3 Fill engine with oil to correct level, see separate engine instruction manual. **NOTE**Read this handbook carefully before using this machine
- 4 Connect to water supply via a good supply hose of 13mm or more **NOTE**—high speed pumps must be pressure fed and able to supply the volume of water the pump uses.
- 5 Connect pressure hose to outlet with the quick coupler and other end to the gun assembly.
- 6 If you are supplied with a two-piece gun and lance join together with coupler (only hand tighten).
- 7 Do not adjust regulator valve without advise from the manufacturer.

OPERATION

- 1 Turn on water supply. Tap should be on full.
- 2 Pull trigger to expel air from the system. Water will trickle from the gun when air id expelled.
- 3 Start engine following engine manufacturers instructions, let engine idle to warm up (approx. 30 sec) then shift throttle to maximum.
- 4 Check there are no leaks in hoses or fittings.
- 5 You are ready to blast!
- 6 Keep a firm grip on the gun at all times.
- 7 To use detergent Injector -
 - A Push the clear plastic hose supplied over the 8mm hose tail on discharge of pump.
 - B Submerge filter end in detergent container.
 - C Fit soap nozzle to lance.
 - D When finished with detergent flush with clean water

SPECIFICATIONS

MODEL	FLOW RATE LITRES/MIN	PRESSURE PSI	HP REQUIRED
RMV 2.5 G27	7.6	2700	4.8
XJV 3 G 20	11.4	2000	4
SJV 3 G 25	11.4	2500	5
RSV 3.5 G 36	13.2	3600	10
RSV 3.5 G 40	13.2	4000	10
RSV 4 G 40	15.1	4000	11

TROUBLE SHOOTING

PROBLEM	PROBABLE CAUSE	REMEDY
Engine runs well at no load but bogs down under full load	Engine speed too low	Contact your dealer
	Unloader setting too high	Adjust unloader to suit
Unit does not reach pressure	Low water supply	Check water supply
	Wash nozzle in gun	Change to pressure nozzle
	Water leak on pressure side	Check for leaks and repair
	Low unloader setting	Adjust unloader to suit clockwise to increase pressure
	Thermal relief valve open	Will require new valve – contact your dealer