



## Did you know?

The power requirement calculations for piston pumps are:

$$\text{KW (electric)} = \frac{\text{l/min} \times \text{bar}}{530}$$

$$\text{KW (petrol)} = \frac{\text{l/min} \times \text{bar} \times 1.33}{530}$$

$$\text{HP (petrol)} = \frac{\text{l/min} \times \text{bar} \times 1.33 \times 1.33}{530}$$

$$\text{Litres/min} = \frac{\text{KW (electric)} \times 530}{\text{Bar}}$$

$$\text{Bar} = \frac{\text{KW (electric)} \times 530}{\text{litres}}$$

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## HAWK PUMPS SOUTH AFRICA

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**Hawk High Pressure Pumps**  
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Manufacturers of the  
**Hawk**  
brand of products

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## Additions to the XLT pump range

This new design will improve the lifetime of the pump. Some of the features are:

- Flow rates of up to 54 l/min.
- 1000 and 1450 rpm versions
- U-shaped seal packing for longer seal life.
- Easy and minimal maintenance.
- 24 or 25mm shafts available

Model	L/min	Bar	RPM
XLT5415	54	150	1450
XLT4317	43	170	1450
XLT3816	38	160	1000
XLT3020	30	200	1000



## The Hawk DIY Fogging System

These do-it-yourself kits are useful on patios, around braai areas and in a wide range of poultry, piggery and horticultural applications. They have stainless covers, micro-filters and the required number of nozzles and connectors with the correct length of piping. The following models are available. Great for any cooling applications.

Model	L/min	Pipe	Nozzles
PC2801B	0.3	5mtr	5
PC2802B	1	15	13
PC2802D	2	30	30
PC2803	3	50	45
PC2804	7	100	90



## Airless Piston Paint Sprayers

Hawk's new range of airless paint sprayers has proved to be a winner. There has been very good response from customers. They are available on a trolley chassis or the smaller, easy-to-carry frame. These 230V electric units have been designed for industrial applications, and are capable of spraying a wide variety of materials. The models available are:

Model	L/min	Bar	Nozzle
PM021	2.1	207	0.021"
PM021LF	2.1	207	0.021"
PM025	2.7	207	0.025"
PM035	5.3	227	0.035"



Special Tool Kit

A step by step guide with pictures is available on how to service a pump.

## Pump Maintenance Check List

Each pump's maintenance cycle will be affected by temperature, quality and type of liquid pumped, inlet feed and accessory conditions. If the pump's performance decreases, have it checked immediately. If no seal wear is observed at 800 hours, check again at 1200 hours and each 400 hours until wear is observed. Valves require changing every other seal change.

Check	Daily	Weekly	Every 25h	Every 300h	Every 800h	Every 1200h
Clean filters	X					
Oil level/quality	X					
Oil/water leaks	X					
Plumbing		X				
First oil change			X			
Oil change				X		
Seal change					X	
Valves change						X