

Electra Range

High Pressure Pump Station – Electrical

The green choice

Pollution free operation means the WAP Electra range is suitable for cleaning applications in a variety of industries, particularly where the use of open burners is prohibited. This includes the food processing industry, inside closed buildings and factories and underground and surface level mining operations.



Key Features

- Stainless steel protective cabinet with a hinged stainless-steel access door and detachable stainless-steel access panels.
- Positive displacement piston pump, oil lubricated with three ceramic pistons, suction and pressure valves with stainless seats.
- Direct drive power transmission between high pressure pump and electric motor.
- Four pole electric motor, revolving at a speed of 1450 rpm.
- Automatic pressure regulators with zero system pressure, including pump and high pressure hose, during by-pass phases.
- Timer controlled “sleep function”, for the purpose of automatically de-activating the machine after 1* minute of by-passing with closed pistol (*adjustable setting from 0-10 minutes).
- Stainless steel boiler with easily accessible heating elements.
- Electric overload relay.
- System shut-down facility (automatic activation) in the event of insufficient water supply (low water cut-out)
- Glycerine filled pressure gauge.
- Thermostatically controlled overheating safety device.
- Working temperature adjustable to 90°
- Individual circuit breakers for the motor as well as each heating element.
- Chemical selector/dosage valve for chemical application at normal operating pressure



Standard Attachments

- 2 x Trigger type safety spray lance with 1m long spray pipe and 25° fan jet nozzles.
- 2 x 10-metre-long flexible, metal-braided, rubber coated high pressure hoses, with kink protection.
- “Geka” quick coupling for the water supply

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Technical Specifications



Description	Unit	Electra 21/60	Electra 18/48	Electra 14/36
Operating pressure	bar	200	160	150
Water volume	l/hour	1260	1080	840
Voltage	Hz	380/3/50*	380/3/50*	380/3/50*
Electric Motor	kW	7.5	5.5	4
Electric Motor Speed	rpm	1450	1450	1450
Dimensions	mm	1250 x 600 x 1250	1250 x 600 x 1250	1250 x 600 x 1250
Weight	kg	217	205	185
Heating elements	Kw	60	48	36
Feed temperature	°C	60	60	60

*525 volt versions are available on request

Specifications and details are subject to change without prior notice