

Aqua Miser® Ultra Model E75V-II

Electric Motor Driven, Variable Speed Water Blasting to 40K PSI at 3.6 GPM

Optional pump conversion package for 25K @ 5.8 GPM available as factory installed or field installable kit.



PUMP:

High-pressure triplex plunger pump design for long life in demanding industrial operating conditions, utilizes durable high quality materials such as hardened stainless steel to minimize wear and corrosion of critical components. Crankcase is oil cooled for extended oil life. Pump options available in a variety of pressure/flow rate combinations.

PUMP PRESSURE / FLOW RATE OPTION:

- 40K @ 3.6 GPM Standard Equipment
- 25K @ 5.8 GPM Pump Conversion Package option available as factory installed or field installable kit.

VARIABLE SPEED DRIVE:

Easy to use controls allow operator to set water blast pressures for various applications - up to 40,000 psi. Blast pressure is automatically maintained by the PLC compensating for tip wear.

SYSTEM CONTROLS:

The 8" color touch screen operator interface provides full instrumentation for monitoring and control of the system. Digitally displayed gages for high-pressure, filter differential, air supply, and water level. Uses electronic transducers. Fault indicators enhance safety and dependability. Over the internet diagnostic and update capable.

CONTROL:

Utilizes a PLC controller for all machine operations creating a safe and highly reliable control system. System does not use any high maintenance bypass or unloader valves. Motor starts and runs to set pressure only while the operator actuates the gun trigger. This design minimizes pump wear, power consumption, and water.

ELECTRIC MOTOR:

75 horse power, severe service motor.
460 volt, 84.5 FLA, 60 hertz, 3 phase

FILTRATION:

Primary filtration –

First filter: High capacity 10 micron cartridge.

Second filter: High capacity 2 micron cartridge.

Secondary filtration –

High capacity 2 micron cartridge

PUMP PROTECTION FEATURES:

Low pump inlet water pressure. Low reserve water tank level. Dirty water filter. Low pump crankcase oil level. High pump crankcase oil level. High pump oil temperature. High water temperature.

WEIGHT & DIMENSIONS:

Weight: 3,000 LBS.

Dimensions: 72" L x 48" W x 60" H

UTILITIES:

Power: 150 amp, 480 volt, 60 hz, 3ph

Water: 4-6 gpm @ 30 psi (flow rate option dependent)

Air: 30 cfm @ 100 psi

ACCESSORIES:

- Ultra high-pressure Rotary gun.
- High pressure hose assembly.
- Combination foot-shin guards w/ side shield.

OPTIONAL:

- Abrasive Media Module: 3.5 cu. ft. capacity pot, ASME coded, Stainless Steel fill strainer.
- Ultra high-pressure Fan gun.
- 50 foot abrasive media hose.
- Floor Tool

Manufactured by



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