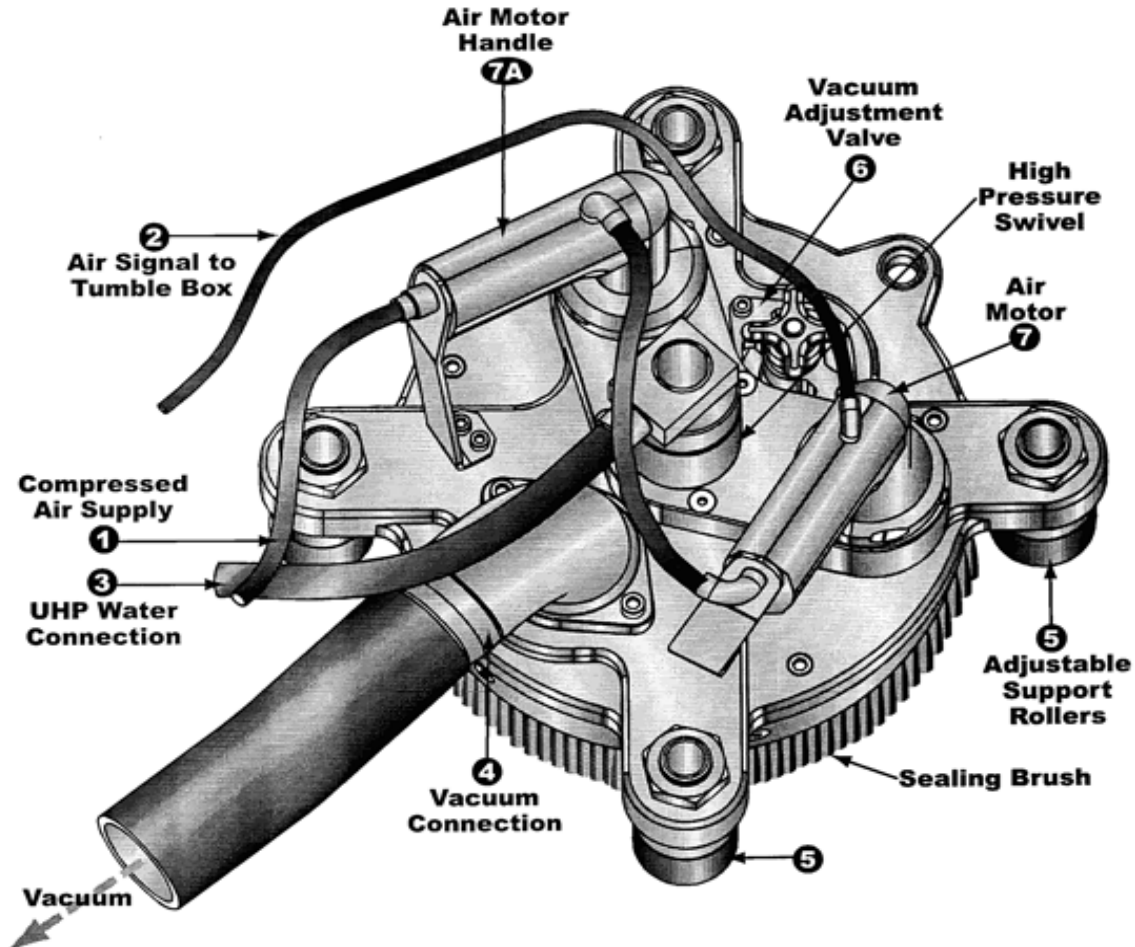


# AQUA ENERGY

## HAND HELD WALL CLIMBER PAINT & COATINGS REMOVAL

The 40,000psi (2,758bar) hand held WALL CLIMBER is designed to be the fastest manually operated Coatings Removal System on the market. The 190mm (7-1/2") wide cleaning path on the one-man operated unit removes the coatings and a vacuum recovery unit removes the spent water and old coatings from the work surface to a separation system for safe disposal.



- Paint & Coatings Removal
- Ship Hull & Ballast Tank Stripping
- Gas & Oil Tank, Paint Stripping
- Pipe-line de-painting
- Offshore Platform Maintenance
- Concrete Cleaning & Scarifying
- Recovers old coatings through Vacuum extraction facility

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# AQUA ENERGY

## TECHNICAL DETAILS

### 1. WALL CLIMBER REQUIREMENTS

The WALL CLIMBER must be driven by a 30,000 to 40,000 psi (**2,068 to 2,758bar**) Ultra High Pressure Water Jetting Unit and if required, a Vacuum System capable of producing a minimum of **450 SCFM at 8" Hg** to remove all Contaminated Water and Debris from the work surface. To work at optimum performance a Filtration/Separation Unit should also be used.

### 2. AIR SUPPLY

A dry compressed air compressor with a minimum flow of **30 SCFM at 100 psi (6.89 bar)** should be used. The incoming air supply # 1 on Fig 1 is connected to the left side air motor housing and the signal hose # 2 in fig 1 is connected to the right side air motor.

### 3. BALANCING THE WALL CLIMBER

The WALL CLIMBER weighs approximately 39.00lbs (**17.72Kg**). To enable easy manoeuvring, a spring-loaded Balancer-Tool is provided to take all of the weight off of the operator.

### 4. CONNECTIONS

The UHP Water Supply is connected to the **3/8" AE HP Female 90°** inlet block on the top of the swivel (see # 3 in fig 1. The Vacuum Hose must be at least **2" (50mm)** barbed type. The Vacuum connection swivels to minimise operator fatigue from dragging the Vacuum hose.

### 5. SPECIFICATIONS

**Maximum Pressure:** 40,000psi (**2,758bar**).

**Maximum Water Flow:** 7 gpm (**26.60 l-min**).

**Maximum Rotation Speed** of Cleaning arm: 3,000 rpm.

**Minimum air Pressure:** 100psi (**6.89 bar**) @ **30SCFM**.

**Minimum Vacuum:** 450 SCFM @ 8" Hg.

Maximum UHP Hose Length from Gun to Air Operated Valve: 25' feet (**7.57 metres**).

Recommended Maximum Water Filter Aperture for Water supply hose: **5 micron**.

Full set of counter Balance and Cables to take weight from operator.

Eight (8) Zero Degree Nozzles