

# SOLIDSVAC<sup>®</sup>

SOLIDS PUMPING SYSTEMS



## SV-DCFU10 Operations Manual



U1/ 5-7 Boeing Place - Caboolture - QLD 4510 - Australia

+61 456 000 665 / [info@solidsvac.com](mailto:info@solidsvac.com) / [www.solidsvac.com](http://www.solidsvac.com)

## **SAFETY FIRST**

### **CAUTION & GENERAL SAFETY**

This manual contains important information concerning the installation, operation and maintenance of the Solidsvac Accessory, SV-DCFU10.

To prevent injury to personnel or equipment damage, this manual **MUST** be read and understood by those responsible for the installation, operation and maintenance of the equipment.

### **THIS OPERATION MANUAL MUST BE USED IN CONJUNCTION WITH BOTH SITE-SPECIFIC RA AND JSA's.**

- Isolate, tag out and disconnect the air supply to the unit prior to working on any part of the system
- Lift the equipment only at the lifting points provided
- The unit should be installed in a safe level area, which provides adequate access for operating the equipment
- Ensure all hoses are in good condition, correctly rated and certified for the service in which they are to be used
- Inspect the unit regularly for damaged or worn components
- All covers **MUST** be fitted prior and during operation
- Air pressure should **NEVER** exceed rated pressure
- Tie down points (if fitted) **MUST NOT** be used as lifting point

### **1. OPERATIONAL OVERVIEW**

The Solidsvac SV DFCU-10 is a 100% pneumatic dual flow control unit that once activated, allows for the timer- controlled supply of either or both air and water to an operation for up to ten minutes.

## **WARNING**

**AIR & WATER SHOULD ONLY BE CONNECTED TO THEIR RESPECTIVE LINES**

**OBEY SIGNAGE ON THE UNIT**

## 2. INSTALLATION

Support the unit via the two lifting eyes on the top of the DFCU ensuring the front of the unit faces towards the operator and there is ease of access to both the AIR and WATER supply lines to and from the unit.

Connect the AIR IN and WATER IN lines and ensure the safety clips are installed. Connect the air out and water out lines and ensure the safety clips are installed. Connect the AIR OUT and WATER OUT lines to their respective apparatus and ensure the appropriate safety clips are installed.

**NOTE: Both AIR and WATER lines to and from the unit should be secured and supported and located ensuring they aren't and don't become, trip and fall hazards**

**WARNING: Compressed air can be dangerous and all care should be taken when connecting or disconnecting any lines from the unit.**

## 3. OPERATION

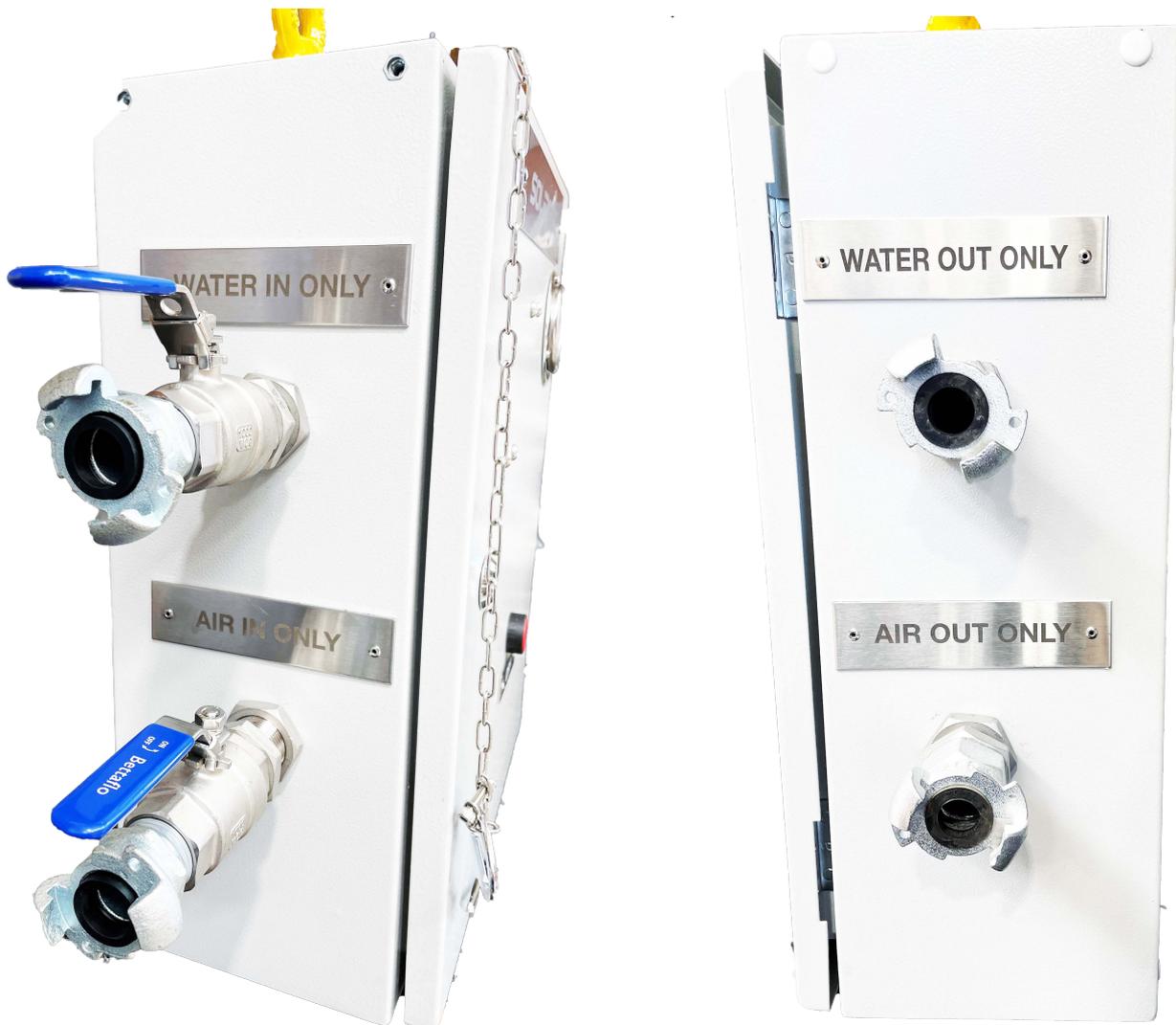
- Turn AIR and/or WATER supply on, ensuring the hand lever valves are closed on the DFCU.
- Open the units door and set the TIMER to the required period between 0 and 10 minutes via the Timer control knob.
- Turn the hand lever valves open, the unit will become energised and automatically count down within the timer period set prior.
- Check the unit's gauge to confirm the available supply pressure is correct for the application required.
- Activate the DFCU via the OFF button on the front of the unit. Supply will immediately shut off and the unit will count down within the timer period set.
- Supply will be halted until the set time is reached, at which point the supply valves within the DFCU will open and remain so until the OFF button is reactivated.

## 4. MAINTENANCE

The DFCU requires minimal maintenance although a clean air supply is crucial. The DFCU is fitted with dual auto drain filters along with two (2) each replacement filter elements.

The filters should be inspected regularly and both filter elements should be replaced on an "as required" basis.

**NOTE: Replacement elements are located within the DFCU along with their respective Part Numbers. Replacement elements can be ordered by contacting Solidsvac on 0456 666 055 or emailing [info@solidsvac.com](mailto:info@solidsvac.com)**



# 4. MAIN COMPONENTS

TIMER

WATER  
LINE

AIR LINE

SECONDARY FILTER  
(AUTO DRAIN)

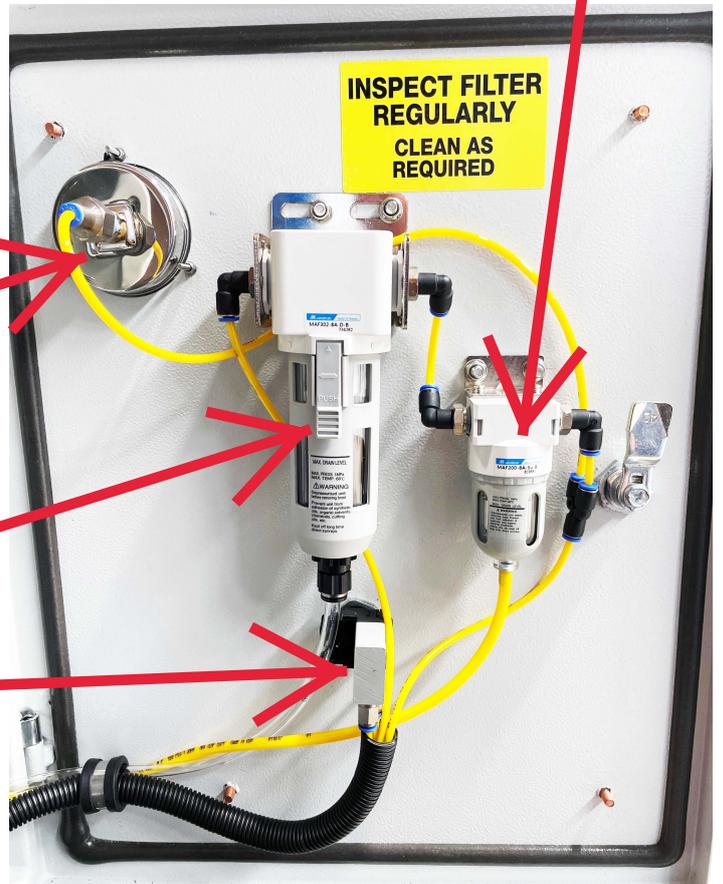
SUPPLY LINE

EXTRA FILTERS

PRESSURE  
GAUGUE

HIGH FLOW FILTER  
(AUTO DRAIN)

ON/OFF  
BUTTON



Model Number

Serial Number

Date of Manufacture

Inspected by



U1/ 5-7 Boeing Place - Caboolture - QLD 4510 - Australia

+61 456 000 665 / info@solidsvac.com

www.solidsvac.com