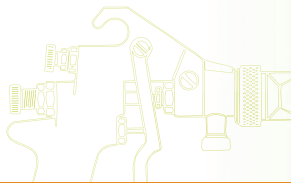


# SIMALFA®



WATER-BORNE ADHESIVES



## 5g / 20kg Pressure Tank

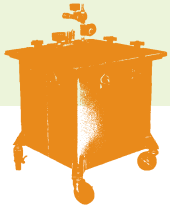
for use with 5g / 20kg box



THINK GREENER | SAVE THE PLANET



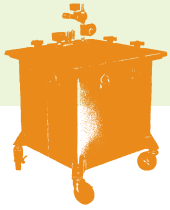
SIMALFA | USA 973.423.9266 | Switzerland ++41(0) 43 433 30 30



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## General Information

### Description

The Pressure Cube is intended for use as a pressure container to supply Simalfa water based adhesives at a constant preset pressure. The pressure cube is extremely unique as compared to traditional pressure tanks. It's simple to use, maintain, and is designed to work directly with our custom packaging to create the ideal cartridge system.

### Simalfa Container Size

Simalfa 20kg (44lb) box.

Learn more by visiting: <http://www.simalfa.com/techinfo/containersizes>

### Weight + Dimensions

Weight: 36kg (76lb)

Height w/components installed: 57cm (22.5in)

Width: 43cm (17.25in)

Depth: 43cm (17.25in)

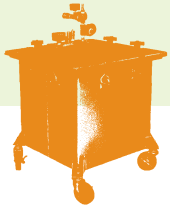
### Pricing Options

See price sheet

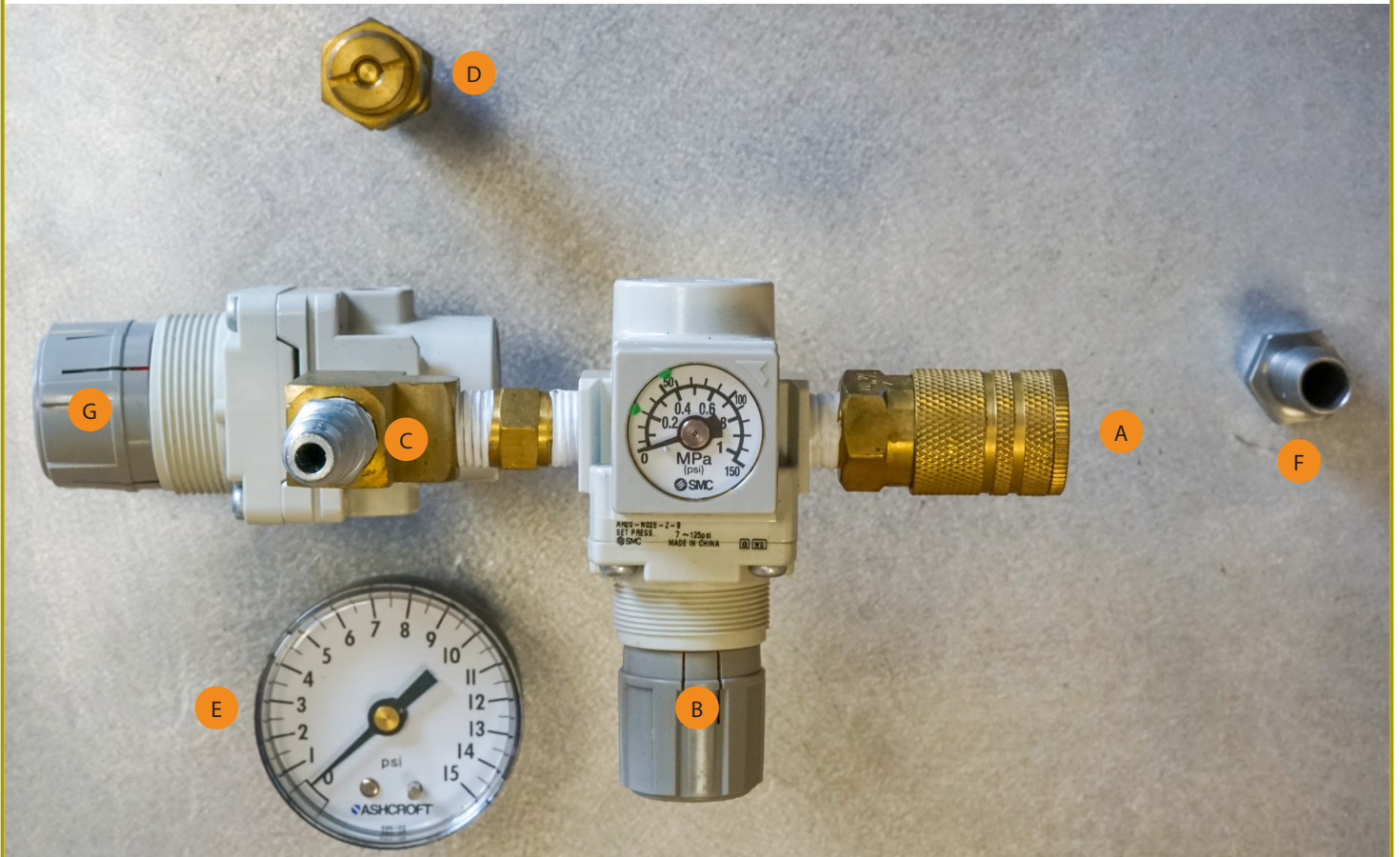
### IMPORTANT NOTICE

Read and follow ASSEMBLY INSTRUCTIONS, SETUP + PROPER USE, and SAFETY PRECAUTIONS + WARNINGS before using this equipment. Retain this document for future reference.



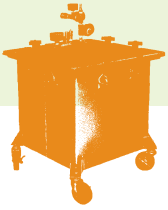


## Component Description



- A Atomization Air (Spray Gun)**
- B Atomization Air Pressure Regulator**
- C Compressed Air Inlet**
- D Fluid / Air Pressure Release Valve**
- E Fluid Pressure Gauge**
- F Fluid Line (Spray Gun)**
- G Fluid Pressure Regulator**

## Assembly Instructions



1

**Attach wheels.**



2

**Connect the internal Fluid Hose to the cube lid.  
(Length=18"; 1/2" ID PVC)**



3

**Connect external Fluid Hose from  
the cube to the spray gun.**



4

**Connect the Atomization Air Line from  
the cube to the Spray gun.**

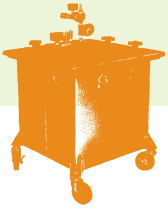


5

**Fasten the Atomization Air Line to Fluid  
hose that's connected to the spray gun.  
Use wire ties.**

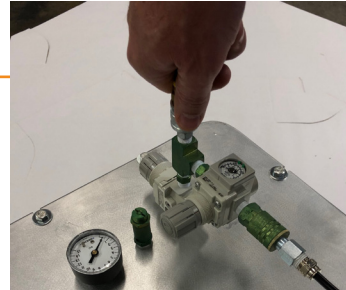


## Setup + Proper Use



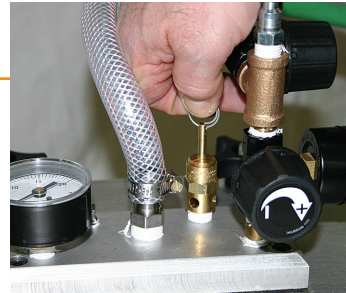
1

Remove Air hose from "Compressed Air Inlet".



2

Release air pressure from cube using the "Fluid / Air Pressure Release Valve".



3

Release the "Lid Pressure Clamps", remove the lid and the empty 5g/20kg container from cube.



4

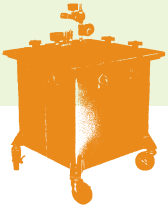
Place Simalfa 5g/20kg container in cube and remove cap.



5

Place lid on cube with Internal fluid hose being inserted into container. Make sure hose and lid are aligned properly.





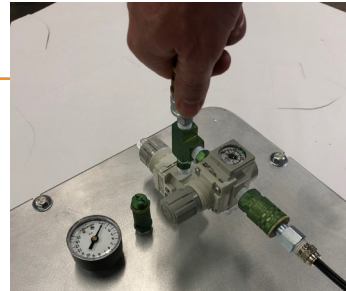
6

Securely fasten cube lid by clamping "Lid Pressure Clamps".



7

Attach plant air to "Compressed Air Inlet".



8

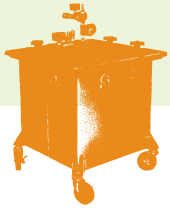
Adjust cube pressure using the "Fluid Pressure Regulator". The inside pressure is displayed on the "Fluid Pressure Gauge". It is recommended that 4-8 psi is used. Fluid volume required and hose length will determine gauge reading.



9

Adjust atomization air pressure using the "Atomization Air Pressure Regulator". It is recommended that 25-50 psi is used. However, this is directly related to the fluid volume and spray gun setup.





## Safety Precautions + Warnings

### Safety Precautions + Warnings

- This pressure tank should only be used with Simalfa water based adhesives
- Air pressure loads that are higher than design loads, or changes to the pressure cube, can cause the cube to rupture or explode.
- A safety valve (Fluid / Air Pressure Release Valve) protects the cube from over pressurization. During each use, pull ring on the valve to make sure it operates freely and relieves air pressure. If it needs replacement, it must be replaced with a safety valve having the same rating of 15 psi. Do not eliminate, make adjustments to, or substitute this valve.
- Changes to the pressure cube will weaken it. Never drill into, weld or change the cube in any way.
- DO NOT exceed maximum cube pressure of 15 psi.
- DO NOT allow the tank to leak air. This will cause water to evaporate in the adhesive resulting in an increased level of service. Identify the leak and repair. Look at loose fittings or damaged lid seal.
- DO NOT continue to use if empty. Air will be pushed through the fluid lines and cure the adhesive resulting in a increased level of service. If adhesive pulses, stop and replace container of adhesive.
- Operators should be given adequate training in the safe use and maintenance of the equipment. Users must comply with all local and national codes of practice and insurance company requirements governing ventilation, operation, maintenance, and housekeeping. (in the US these are OSHA Sections 1910.94 and 1910.107, and NFPA-33).

