



**JENSEN GLOBAL**

Dispensing Solutions

## **JGDFV25 & JGDFV25V**

Manual Foot Pedal Dispenser



For more information visit

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## SPECIFICATIONS

Size  
(L) 6.75"  
(W) 3.80"  
(H) 3.75"

Weight  
3.2 lbs

Air Input  
35 -100 psi (2.5 - 7 bar)

Air Output  
1 -100 psi (0.1 - 7 bar)

## General Operation.....

### Initial Set Up for the JGDFV25 and JGDFV25V

1) Connect your air source to the back of the foot pedal. Included and attached to each foot pedal is a standard quick connect male fitting. If your female quick connect does not mate with this, you can unscrew the included fitting and adapt your own to it. The foot pedal has a 1/8" female npt.

Caution ! Regulate your air pressure to 120 psi or less before connecting air to the dispenser. It is recommended that you use dry filtered air, to ensure there is no moisture or dirt that could potentially damage the foot pedal.

2) Connect a Jensen Global syringe adapter, or your own syringe adapter to the left side fitting. This is a press-to- connect metal fitting which accepts 1/4 inch OD tubing. If your syringe adapter has a black or red plastic barb quick connect already attached, cut this off to expose the 1/4 inch OD tubing. Then press this directly into the side of the foot pedal.

If you have an adapter that has 5/32 OD tubing, you can use the reducer fitting included to adapt this 5/32" OD tubing to 1/4" OD tubing.

3) Adjust your air pressure out by turning the regulator knob on the right side of the foot pedal. This will change the gauge reading on the top of the foot pedal.

4) Depress the foot pedal to start dispensing

### Operating the JGDFV25 and JGDFV25V

The JGDFV25 and JGDFV25V foot pedal is a basic, economical dispenser that allows ergonomic dispensing of materials. The foot pedals are solely pneumatic so all you need is compressed air to begin dispensing.

Once you have gone through the initial set up and are ready to dispense, there are several ways to vary the dispensing deposits:

### 1) Air Pressure

Adjust the regulator output by turning the regulator knob on the right side of the foot pedal. The gauge will display the air output on the top of the foot pedal. \*Note\* if you are regulating down (ie: you are at 50 psi and want to reduce it to 30 psi), regulate down past 30 psi and then back up to 30 psi to have an accurate air output pressure.

You can lock the regulator after setting the desired PSI, by pushing in the regulator knob toward the foot pedal.

### 2) Vary the amount of air output by partially or fully depressing the foot pedal.

If you depress the foot pedal completely, the dispenser will push air through the syringe adapter at the set PSI amount you have adjusted with the regulator. It will dispense without any sound of air escaping. You can choose to partially depress the foot pedal to achieve less air output. There is no gauge as to how much air output is being achieved, but it is a percentage of the PSI setting up to the PSI you have chosen using the regulator and gauge. When depressing the foot pedal partially, you will hear air escaping through the inside of the valve of the pedal. This is normal.

### 3) Change your needle gauge size

By changing the needle size on the end of the syringe, you can change your deposit amount and material flow. For best results, choose the largest needle possible for your application using the least amount of air pressure.

### JGDFV25V Vacuum Pull-Back Model

The JGDFV25V has an additional feature of vacuum pull back, which reverses the air flow back into the needle and syringe. This will initiate when you release your foot completely from the foot pedal, only when the vacuum knob is turned on. The vacuum knob is a small metal knob on the left side of the foot pedal. Turn this vacuum control knob until you hear air hissing. The vacuum will always remain on (ie: it is not intermittent) so you will always hear the vacuum hissing. \*Note\*- use the least amount of vacuum necessary, and only if needed. Vacuum pull back will not prevent dripping of material if the dripping is caused by factors such as air bubbles in your material, or a poorly loaded syringe.

## Troubleshooting.....

### 1) Air is hissing or escaping

JGDFV25 and JGDFV25V: check the air connection at the back to make sure all fittings are tight- use Teflon tape if necessary. JGDFV25V only: Check the vacuum knob to see if it is on. If you require vacuum pull back, it is acceptable to continually hear this air hissing.

### 2) I can not adjust the pressure

The regulator knob on the right side is pushed into the locked position. Pull this knob out, then turn according to the PSI output you require.

### 3) I am not getting any air flowing through the syringe adapter

Check the syringe adapter hose, and make sure it is securely and tightly pushed into the push-to-connect fitting on the left side of the foot pedal.