



**training**



**Sundström** 

**SR507**

Supplied air regulator



**HOW TO...**



## HOW TO...

### ...connect the SR507 regulator

#### BEFORE YOU START:

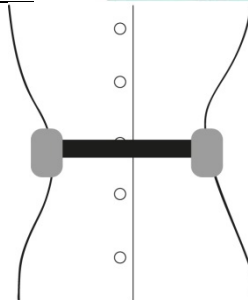
- Make sure the regulator and all connectors are clean and intact
- Make sure all hoses are securely connected to the regulator
- Make sure the quality of the breathing air is adequate
- Make sure all hoses are rated for breathing-quality air
- Make sure you are familiar with the equipment and know how to use it



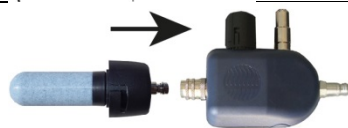
Put the waist belt on (with the regulator) and tighten it.



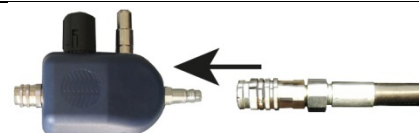
Make sure you can see the regulator — even with the facepiece or headpiece on — and that you can easily reach the control knob. Do not wear the regulator behind your back.



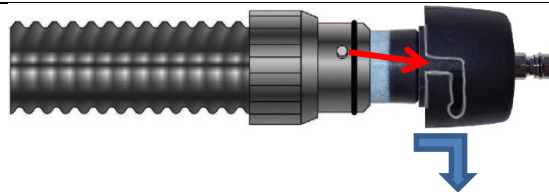
Connect the hose adapter to the regulator. Push the nipple into the connector until it clicks into place. The locking cuff will snap into the locked position. Make sure the adapter is securely fastened by pulling it a few times.



Make sure the air supply hose is free of twists and kinks. Push the air supply hose connector onto the regulator nipple until it snaps into place. Pull a few times to ensure it is securely fastened.



Push, then twist the breathing hose into the bayonet fitting on the adapter. Make sure the lugs click securely into place on both sides of the bayonet.



Adjust the airflow with the large knob on the regulator. The heavier the work you perform, the heavier you breathe, and the more air you will need. The air flow can be adjusted from 175 litres/minute to 260 litres/minute. For your safety, the air flow cannot be shut off.



## HOW TO...

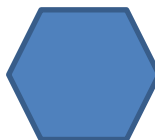
### ...attach an air tool

Using a snub-nosed pair of pliers or other blunt object, punch out the circular plug opposite the warning whistle.



An extra air outlet is inside. The outlet is sealed with a plug.

Use an Allen key (hex key) of suitable gauge to unscrew the plug. The plug may be lodged hard in the connector. After removing the plug, make sure no debris remains in the connector. There may be small parts from the plug, or particles of the locking fluid. Blow it out by connecting supplied air to the regulator, and inspect the connector carefully. Make sure no particles enter the regulator itself.



Connect the tool, either by screwing it in directly or through a suitable adapter.



## HOW TO...

### ...perform a functional check

Make sure both the facepiece or headpiece and air supply are connected to the regulator, and that air is flowing into the facepiece or headpiece from the air supply through the regulator.



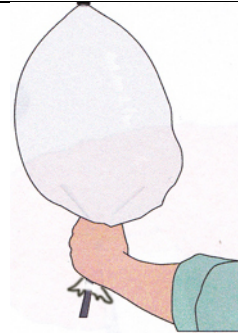
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Turn the regulator down to minimum. (Anti-clockwise as far as it will go.)



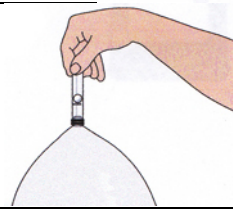
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Place the entire facepiece or headpiece into the test bag and seal off by closing your hand around both the bag and the breathing hose.



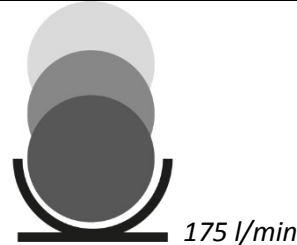
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With the other hand, hold the flow tube up vertically from the bag.



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The floating ball in the tube should be on the line marked 175 or slightly above it.



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If the floating ball isn't on or above the line, shake it a few times, and make sure the tube is completely vertical.

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If it seems impossible to get a successful measurement, call your supervisor. Do not use the equipment.

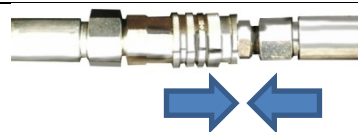


## HOW TO...

### ...undo the hose connectors

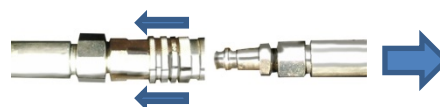
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Push the hose connectors further together.



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Draw the locking cuff back and pull the hose away at the same time.





## HOW TO...

### ...clean the SR507 regulator

For normal cleaning, use a mild detergent and water and wipe the regulator all over with a soft cloth or sponge. Warm water may give a better clean. Leave to dry and store in a dry, clean area at room temperature away from direct sunlight.



If heavily soiled, the exterior of the regulator can be cleaned with white spirits or similar de-greasing agents. After cleaning, wash off the solvent with soapy water. Let dry and store in a dry, clean area at room temperature away from direct sunlight.

Watch this on   
*(using your SmartPhone, tablet or computer)*



<http://youtu.be/WxiLzBMPpXA>