

Operation instruction

SR 561

Hood



General information

Instructions for use for SR 561 should be read before use.

The SR 561 together with fan unit SR 500 / SR 500 EX / SR 700 and approved filters are included in the Sundström fan-assisted respiratory protective device system conforming to EN 12941/EN 12942:1998 class TH3.

Combination of SR 561-SR 500 EX is specially constructed for use in potentially explosive and fire hazardous environments. See user instructions or label on fan unit for classification.

SR 561 together with compressed air attachment SR 507 conforming to EN 14594:2005 class 3A/3B.

When selecting equipment for SR 561 some of the factors that should be considered are as follows:

- Type of pollutant
- Concentrations
- Work intensity
- Protection requirements in addition to respiratory protective advice.

Risk analysis should be carried by a person who has suitable training and experience in the area.

1. Assembly



1.1 Check that the O-ring of the hose is in place.



1.2 Connect the hose to the fan unit or the compressed air attachment....



1.3 ...and turn it clockwise about 1/ 8 of a turn.

2. Functional check



2.1 Place the facepiece in the bag and grip the opening of the bag so that it seals around the breathing hose. Grip the flow meter with the other hand and hold it so that it points vertically up from the bag.



2.2 Read the position of the ball in the tube. It should float level with or just above the marking on the tube.

If the flow rate is below the minimum value, check that

- The flow meter is vertical.
- The float can move freely.
- The air supply is not restricted by kinks or other restrictions in the hoses.

3. Donning



3.1. Grip both sides of the hood opening with your hands.



3.2 Insert your chin into the hood. Keep your grip of the hood and draw it over your head.



3.3 Adjust the neck size of the hood by means of the elastic neck strap.

3. Donning



3.4 If necessary, adjust the circumference of the head harness by means of the knob at the rear of the head harness. The knob is on the inside of the hood behind the hose. You can reach it without taking off the hood. Turn clockwise to tighten and counterclockwise to widen.



If necessary, adjust the head harness in height by lengthening or shortening the strap for the top of the head.



3.5 Make sure that the breathing hose runs along your back and is not twisted.

4. Change the sweatband



4.1 The sweatband is secured with velcro tape to the forehead band. Pull the sweatband off.



4.2 Fit the velcro strip with the ruffled side towards the forehead strap and with relief upwards.

5. Change the Tyvec hood, Harness

5.1 Release the hose from the adapter.



5.2 Release the three press-studs at the top edge of the visor.

Turn the hood inside out.



5.3 Release the press stud from the hose attachment and pull the hood off the head harness.

5.4 Place the new hood in front of you, with the visor facing up.



5. Change the Tyvec hood, Harness



5.5 Place the adapter in the air channel.



5.6 Attach the press stud to the hose attachment and pull the hood over the head harness.



5.7 Fix the head harness with the three press studs onto the upper edge of the visor. Start with the middle one.

Mount the hose in the adapter



5.8 Check that the head harness is straight in the hood and that the hose passage of the hood is not twisted around the hose.

6. Replace the hose

6.1 Fold the hood fabric up at the hose attachment.



6.2 Twist the hose and pull it out of the adapter.



6.3 Fit the new hose into the head harness in the reverse order. One hose connection is fitted with an O-ring. This end should be connected to the fan/compressed air unit.



7. Change the hose adapter

7.1 Fold the hood fabric up at the hose attachment.



7.2 Twist the hose and pull it out of the adapter



7.3 Turn the locknut a quarter of a turn to remove it. Use polygrip pliers if the locknut is stiff to turn.

Fit the new adapter to the head harness in the reverse order.

8. Cleaning

If necessary, spray the hood with 70 % ethanol or isopropanol solution for disinfection.

NOTE! Never use a solvent for cleaning!



8.1 Sundström cleaning tissues SR 5226 are recommended for daily care



8.2 If the equipment is more heavily soiled, use a soft brush or sponge moistened with a solution of water and dishwashing detergent or the like. Rinse the equipment and leave it to dry.

9. Maintenance schedule

	Before use	After use
Visual inspection	•	•
Performance check	•	
Cleaning		•

9.1 Recommended minimum requirements on maintenance routines so you will be certain that the equipment will always be in usable condition.