



Operating instruction SR 562 Hood

General information

The SR 562 together with fan unit SR 500 and approved filters are included in the Sundström fan-assisted respiratory protective device system conforming to EN 12941/EN 12942:1998.

Combination of SR 562-SR 500 EX is specially constructed for using in potentially explosive and fire hazardous environments. See user instructions or label on fan unit for classification.

SR 562 together with compressed air attachment SR 507 and breathing hose SR 358/SR 359/SR 360 are included in the Sundström compressed air-fed respiratory device system conforming to EN 14594:2005

This combination gives a respiratory device with continuous flow to a compressed air fed respiratory device

When selecting equipment for SR 562 some of the factors that should be taken into account 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.

Limitations

When working in potentially explosive environments all parts of the equipment have to be EX-approved. When changing spare parts and accessories you must check that these are EX approved for work in potentially explosive environments and accessories you must check that these are EX approved for work in explosive environments.

Instructions for use for SR 562 should be read before use.

3. Unpacking SR 562



Check that the equipment is complete in accordance with the packing list and has not been damaged in transport.

Packing list:

- Hood with breathing hose.
- User instructions
- Cleaning tissue

Putting on the hood



Place the head top in the flow meter and start the fan unit.

Grip the lower part of the bag to seal around the breathing hose.

Grip the flow meter tube with the other hand so that the tube points vertically upwards from the bag.

Read the position of the ball in the tube. This should hover at a level with or slightly above the upper marking on the tube.

If minimum flow is not achieved, check that:

- The flow meter is held upright.
- The ball moves freely.
- The bag seals well around the hose.



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



Connect the hose to the fan unit and turn it clockwise about 1/8 of a turn.





Grip the hose mounting with one hand and the neck section of the hood with the other.

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



Adjust the hood so that it seals all the way round your face and fits closely and comfortably. The rubber band in the face seal can be adjusted to the required length.



If necessary adjust the hood by means of the knob right at the back 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 counter clockwise to widen.



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



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

Taking off the hood



Leave the polluted area before taking the equipment off.

Slacken the face seal band.
In emergency situations, the hood can be taken off with the rubber band tightened.



Take the hood off.

Switch off the fan, release the belt and take the fan unit off.

5. Maintenance Cleaning



Sundström cleaning tissues SR 5226 that clean and disinfect are recommended for daily care.



If the equipment is more heavily fouled, 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.

N.B. Never use a solvent for cleaning.

Storage

After cleaning, store the equipment in a dry and clean place at room temperature. Avoid exposing it to direct sunlight. The flow meter can be turned inside out and can be used as storage bag for the head top.

Maintenance schedule

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

The schedule represents the minimum requirements for maintenance routines in order to ensure that equipment will always be in functional condition.

To change the sweatband



The sweatband is secured with Velcro tape to the forehead band.

Proceed as follows: Pull the sweatband off.

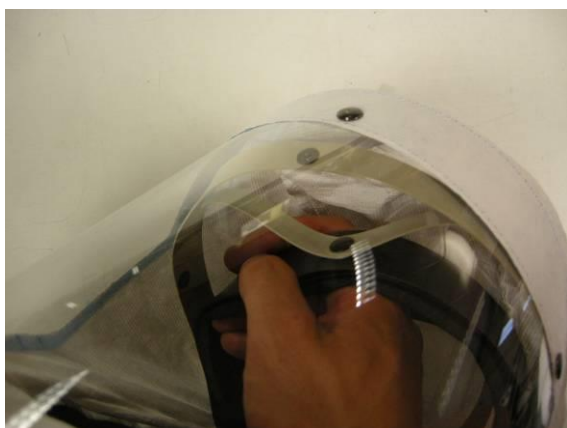


Fit the Velcro strip with the ruffled side towards the forehead strap and with relief upwards.

To change the Tyvec-hood



Release the face seal rubber band secured to the forehead band next to the Velcro tapes.
Remove the Velcro tapes.



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



Lift the head harness out of the hood and withdraw the hose.



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



Thread the hose from the inside of the hood, through the passage at the rear of the hood.



During this operation, the head harness should rest with the opening facing upwards.

Note that the hose should not be drawn all the way through, and around 20 cm should be left on the inside of the hood.



Grip the front part of the head harness with one hand and insert the head harness into the hood, first inserting the rear part fitted with the hose.



Make sure that the Velcro tape is stretched under the forehead band of the head harness.



Secure the hood by means of the press-studs at the top edge of the visor.



Fold the Velcro tapes around the forehead band and secure them as firmly as possible.



Take the face seal rubber band and insert the knot into the keyhole opening in the head harness.

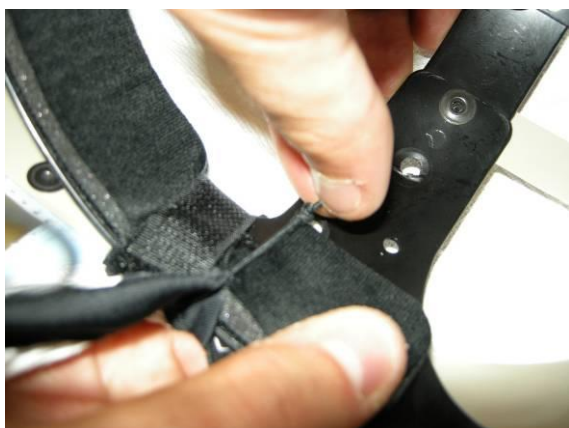


Secure it by pulling the rubber band into the narrow part of the slot.



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

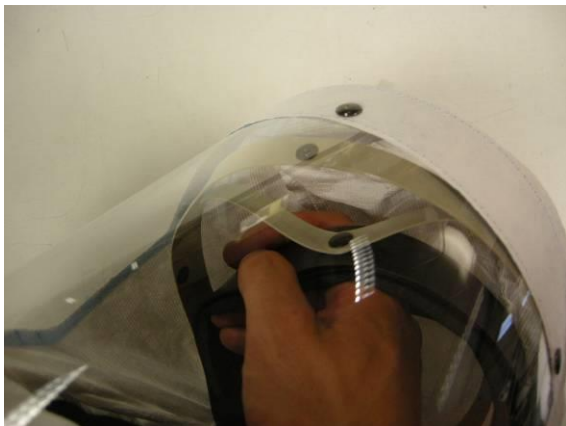
To change the hose



Release the face seal rubber band secured to the forehead band next to the Velcro tapes.



Remove the Velcro tapes



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



Lift the head harness out of the hood and withdraw the hose.



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



Thread the pin on one side of the hose coupling down through the recess in the head harness, turn the hose through 180 degrees and insert pin.



Pull the hose out of the hood.



One coupling of the hose is fitted with an o-ring. Thread the new hose with this end first from the inside of the hood, through the passage at the rear of the hood.

Note that the hose should not be drawn all the way through, and around 20 cm should be left on the inside of the hood.



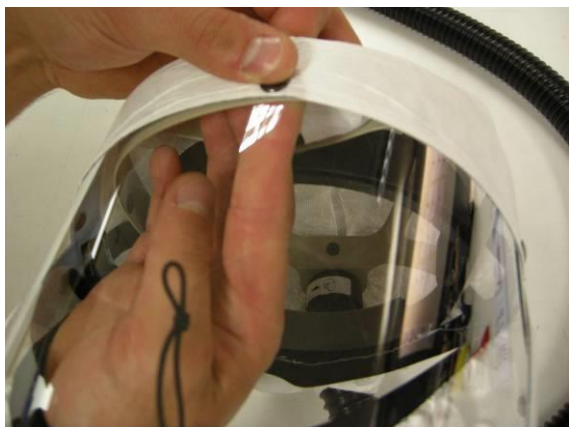
Fit the new hose to the head harness in the reverse order.



Grip the front part of the head harness with one hand and insert the head harness into the hood, first inserting the rear part fitted with the hose.



Make sure that the Velcro tape is stretched under the forehead band of the head harness and secure them as firmly as possible.



Secure the hood by means of the three press-studs at the top edge of the visor.



Fold the Velcro tapes around the forehead band and secure them as firmly as possible.



Take the face seal rubber band and insert the knot into the keyhole opening in the head harness.

Secure it by pulling the rubber band into the narrow part of the slot.



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

To change the head harness



Follow the relevant parts of the above instructions dealing with changing the hose.