

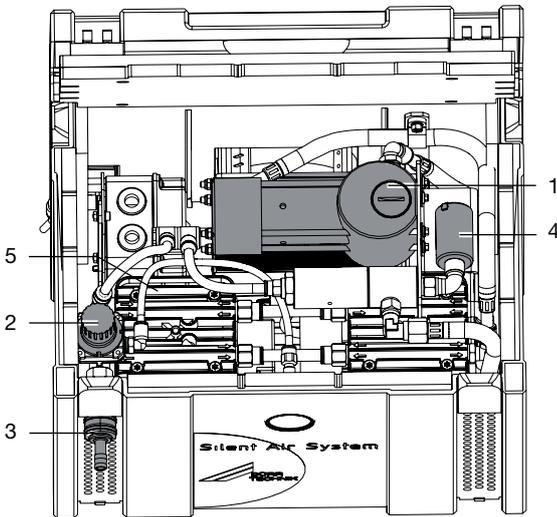
## Silent Air System SAS 062M with cooler and dryer



This supplementary sheet is an addition to the operating manual "oil-free compressor stations" and contains all the information required for safe handling. The operating manual applies only to the version of the unit described here.



### 1 Delivery Contents



The Silent Air System (hereafter called "unit") is a ready-to-plug-in compressor station which is operated with sound insulation in an actively ventilated housing.

**SAS 062M** .....0654 9000

The unit consists of the following components:

- A-062 compressor (5)
- Electronic regulation system for compressor start-up
- Cooler
- Membrane drying system (1) with filter and automatic condensate drain
- Pressure reducer (2) for adjusting the operating pressure
- Quick-release coupling with plug-in nozzle (3)
- Fan
- Air intake filter (4)

### 2 Working parts and spare parts



For spare parts not listed here, please enquire at Dürr Technik.

The following spare parts must be replaced regularly (see also "7.1 Changing the filter" )

- Air intake filter .....0837-001-00
- Filter element (5 µm) for membrane drying system .....9000-416-0008

### 3 Technical data

		SAS 062M
<b>Delivery volume at 5 bar (0.5 MPa)</b>	l/min	20
<b>Nominal pressure</b>	bar / MPa	5 / 0,5
<b>Maximum permissible operating pressure</b>	bar / MPa	10 / 1
<b>Nominal voltage</b>	V	230
<b>Frequency</b>	Hz	50
<b>Nominal current</b>	A	2.1
<b>Rated power</b>	P1 (kW)	0,45
<b>IP class</b>	IP	20
<b>Duty cycle</b>	%	100
<b>Speed</b>	rpm	1390
<b>Mains fusing</b>	A	2.5
<b>Sound pressure level at pN</b>	dB(A)	50
<b>Weight</b>	kg	20
<b>Dimensions* (L x W x H)</b>	mm	400 x 340 x 320

\*Dimensions without quick-release coupling and hose nozzle



As our products are constantly being updated, there may be changes to the technical data. Should you use this operating manual for planning, please check the current technical data and dimensions with us.

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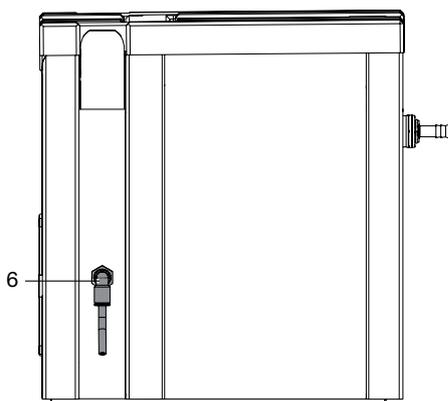
## 4 Transport

The unit has a transport handle. Alternatively, a transport trolley (0654 0550) is available as an accessory, which allows the user to transport the unit even more conveniently.



## 5 Set-up

The unit must only be operated on a firm and level surface. It must not be used as a climbing aid (risk of breakage). The transport trolley is not designed for the unit to be operated on it. A drip pan must be placed underneath the black hose (6) at the side of the unit to collect any condensate that is blown out.



### NOTICE

#### Do not cover the ventilation openings

The unit may overheat due to insufficient cooling

- Do not cover the ventilation openings on the front and rear sides.
- The front and rear sides of the unit must have a minimum clearance of 15 cm from other surfaces.

### WARNING

#### Do not reach into the fan grille with your fingers or any objects

Risk of injury from fan blades.

## 6 Operation

### 6.1 Establish electrical connection

- Check that the voltage and mains frequency agrees with voltage specified on the type plate.
- Connect the unit to a protective contact socket that has been properly installed.
- Lay the cables so that they are protected from mechanical damage (e.g. from sharp edges, crushing or hot surfaces).
- The unit's On/Off switch has an integrated contact breaker which switches off in the event of excess current.

### 6.2 Pressure reducer adjustment



#### WARNING

#### The surfaces of the compressor become hot during operation

Risk of burns from hot surfaces

- Allow the compressor to cool down.
- Do not touch hot surfaces.



The unit has been pre-set ex-works to an operating pressure of 5 bar. If a different operating pressure is necessary, make the adjustment using the pressure reducer.

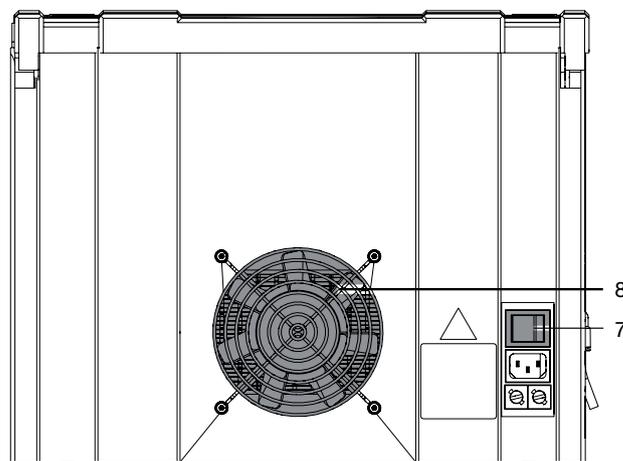
- Pull the snap fasteners for unlocking the cover slightly forward.
- Open the cover.
- Adjust the pressure reducer with the compressor running, as described in the operating manual 9000-607-39.

### 6.3 Set up compressed air connection

The unit has a quick-release coupling (NW 7.2) on the outside. The hose nozzle to fit QRC 9 mm is included in the scope of delivery.

### 6.4 Switch the appliance on/off

- The unit can be switched on or off by the flip switch (7) at the rear of the unit.
- The unit cover must remain closed during operation.



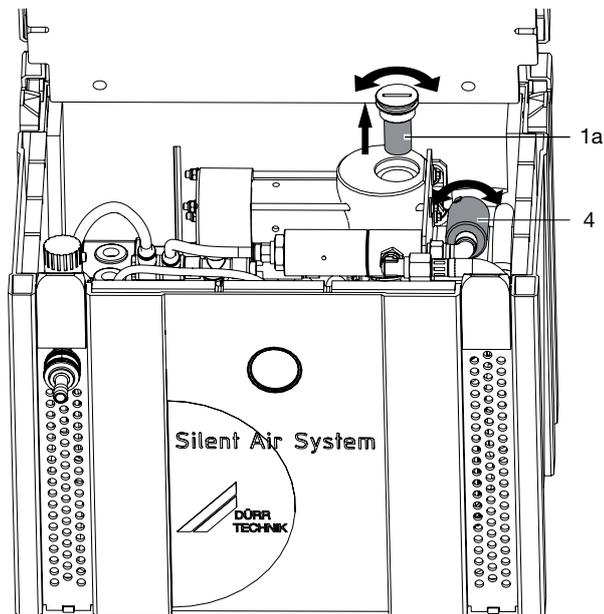
## 7 Maintenance

### 7.1 Changing the filter



The interval for replacing the filter inserts depends essentially on the concentration of dust in the air. Regular filter changes ensure service capability and a continuing supply of high-quality compressed air, and increase the service life of the compressor. We recommend replacing the air intake filter and the filter element in the membrane drying system once a year (replace the air intake filter twice a year if the dust concentration is high).

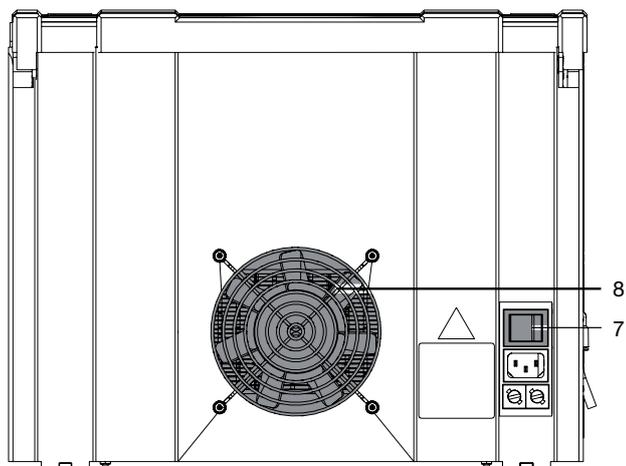
- Unscrew the air intake filter (4).
- Screw on the new air intake filter (4).



- Unscrew the cover of the filter element (1a) anti-clockwise and remove it from the membrane drying system.
- Pull the filter element (1a) away from the cover and replace it with a new filter element.
- Insert the cover along with the new filter element into the membrane drying system.
- Screw the cover clockwise into the membrane drying system.

### 7.2 Checking the fan

Check the fan (8) once a month to ensure that it is running freely. If the fan is jammed, the unit must be taken out of operation. The fan always runs when the unit is switched on.



### 7.3 Cleaning

- Regularly check the ventilation openings on the front and rear of the unit for dirt. Clean them if necessary.
- Wipe the surface of the unit with a damp cloth. Cleaning agents may cause discolouration to the surface.