

Technical Bulletin

IMPORTANT INFORMATION – PLEASE READ AND KEEP



ORS and anesthesia work stations / Covid-19

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ORS Clean Air and anesthesia work stations

Due to the Sars-Covid-19 pandemic, we expect an increased incidence of virally induced pneumonia, which leads to respiratory insufficiency, which in turn requires mechanical respiratory support. The number of intensive care ventilators is limited and will probably not be sufficient for the expected demand. This will not change significantly in the near future, despite large orders from the German government to ventilator manufacturers. The call to suspend elective surgery currently leads to freed capacities of anesthesia ventilators, which can be used in intensive care medicine in this emergency despite their limited ventilation capacity. If these anesthesia ventilators are simultaneously used for the application of inhalation sedation, it is essential to evacuate the expiratory anesthetic gas in the application rooms to protect the employees.

The ORS Clean Air System is able to do this.

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On one side, the ORS Clean Air is connected to the vacuum connections available on most intensive care units.

On the anesthesia work station side, the ORS Clean Air is connected to the AGSS connection of the anesthesia device using a special adapter. All anesthesia work stations are equipped with such an AGSS connection.

Since the ORS Clean Air is functionally identical to the normal AGSS suction and the connection of ORS Clean Air and anesthesia work station is made via a standardized connection (AGSS cone), no further declaration of compatibility (Article 12 MDD) is required for the operation of ORS Clean Air and an anesthesia device.

Adapter

The special adapter for connecting ORS Clean Air and anesthesia work station is available under the following order no.

- ORS-VC-13 Clean Air anesthesia work station AGSS connection, length 75 cm
- ORS-VC-14 Clean Air anesthesia work station AGSS connection, length 110 cm
- ORS-VC-15 Clean Air anesthesia work station AGSS connection, length 140 cm

Note: When operating multiple ORS Clean Air units on one vacuum trunk, there may be a pressure drop in the vacuum line, which is indicated by the vacuum pressure monitor.

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