

TEVLAR

Breathing mixture humidifier

The breathing mixture humidifier is intended to heat and humidify breathing mixture supplied to the patient from the artificial lung ventilation device (AVL), inhalational anesthesia device (IA) or oxygen inhaler.



Advantages

- Simple maintenance, use safety and compactness allow to efficiently apply this model in combination with any ALV devices, IA and oxygen inhalers.
- Availability of 3 modes of humidity at the supply hose output
- Automatic maintenance of the selected by a doctor parameters of temperature and breath mixture humidity
- Indication of preset and measured temperature at the supply hose output on the numeric display
- Possibility to equip the humidifier with breathing circuits for patients of any age
- Possibility to use reservoirs of different capacity (up to 500 ml) in the humidifier
- Availability of the signalization about breathing mixture overheat and disturbances during operation

Technical characteristics

Dimensions (width x length x height)	320x190x230 mm
Weight	2,7 kg
Attaching holes of the reservoir	22 mm
Maximum volume of poured reservoir water (per set)	250 ml
Temperature range at the feeding hose outlet	from 28°C to 38°C
Relative humidity at the feeding hose outlet (3 modes)	~ 50 %; 75±12 %; 85 -100 %
Range of breathing mixture flows	from 2 to 50 l/min
Duration of temperature reach 33°C and relative humidity 85% at the feeding hose outlet (at the ambient temperature not less than 20°C and breathing mixture flow within 30 l/min)	not more than 20 min
Ambient temperatures range	from 15°C to 35°C

