



Professional manufacturer of respiratory humidifiers

ESCH-530 Technical Data





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The Mainframe

- Application : Used with ventilators or other positive pressure systems to warm and humidify the airflow
- Mode of Operation : continuous operation
- Setup Method : set up by knob with graduations
- Heating Mode : two modes , judge and set up automatically
- Power Supply : AC220V±22V , 50Hz±1Hz
- Power Consumption : < 220VA
- Type of Protection Against Electric Shock : Class I
- Degree of Protection Against Electric Shock : Type BF
- Degree of Protection Against Ingress of Water : Drip-proof IPX1
- Dimensions : 135mm(W)×155mm(D)×145mm(H) (Without chamber fitted)
- Weight : 2.5 kg (max) (Without chamber fitted)



Performance Parameter

- Static Temperature Control Range of Humidification Chamber :
Non-heater wire mode : the low, medium, high steps, corresponding to 45°C, 60°C, 70°C
Heater wire mode : the low, middle, high steps, corresponding to 40°C, 50°C, 60°C
- Temperature Range of Patient Port : 10~50°C
Display Type : Panel Digital Display
- The Ultimate Protection Temperature of Heater Plate : 110°C±5°C
- Cut-out Point When Output Gas Exceed the Normal Temperature : 41°C

Humidification Chamber

- Storage Capacity (max) : 400mL
- Working Pressure : ≤20kPa
- Airflow Resistance : ≤0.2kPa (airflow : 60L/min)
- Marked intuitive max and min water level lines

1. We guarantee the free repair of mainframe for three years; please refer to the guarantee regulations for details.
2. Our company are advancing our products continuously , please refer to the final sale instructions whenever the above parameters change.

