

Tec 6 Plus Vaporizer



Tec 6 Plus Fixed Filler[†]

Tec 6 Plus Rotating Filler

Features

- Electronic vaporizer which delivers the anesthetic agent, desflurane
- Heats desflurane to maintain temperature and vapor pressure for consistent output
- Provides a concentration range of 1% to 18% to help enhance titratability and depth regulation benefits of desflurane
- The Tec* 6 Plus offers two different filler configurations, a rotating filler and a fixed filler[†]. The rotating filler is designed to interface with only the Baxter Saf-T-Fil™ Desflurane bottle. The fixed filler is designed to interface with only the Piramal Desflurane bottle. The proprietary fillers help to prevent accidental release of vapor into the OR and ensures that only the appropriate Desflurane is introduced into the Tec 6 Plus.
- For added convenience and visual cues, the Tec 6 Plus LED display indicates vaporizer status, including:
 - Operational
 - No output
 - Low agent
 - Warm-up
 - Alarm battery low
- Attaches to Datex-Ohmeda's interlocking Selectatec* manifold which allows you to change vaporizer arrangement from case to case or move vaporizers from suite to suite without the need for tools



[†]Tec 6 Plus Fixed Filler not cleared or approved by the US FDA, not commercially available in all markets.

Physical

Dimensions

	Rotating Filler	Fixed Filler [†]
Height:	25 cm/9.9 in	25 cm/9.9 in
Depth:	23.5 cm/9.3 in	28.5 cm/11.2 in
Width:	11 cm/4.3 in	11 cm/4.3 in
Weight (empty):	9.5 kg/20 lbs 15 oz	9.5 kg/20 lbs 15 oz

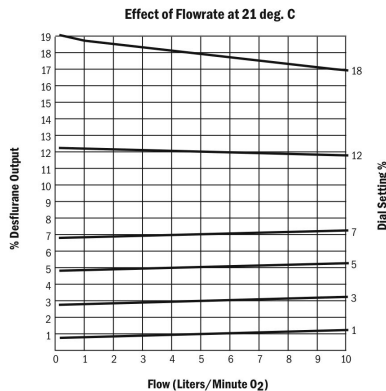
Pneumatic specifications

Operation

Concentration range:	1 to 18%
Scale:	1% graduations from 1 to 10% 2% graduations from 10 to 18%
Calibrated flow range:	0.2 to 10 L/min (at 21°C)
Accuracy at 5 L/min of O ₂ :	±0.5% of delivered agent or ±15% of dial setting (whichever is greater)
Maximum permissible flow:	20 L/min
Liquid capacity:	375 mL working volume 250 mL refill indicator 50 mL reserve
Flow resistance at 21°C:	< 50 cm H ₂ O at 5 L/min O ₂ < 250 cm H ₂ O at 15 L/min O ₂
Calibration:	Calibrated for the following v/v% levels at 760 mmHg and nominal 21°C using O ₂ at 5 L/min as the carrier gas: 1,2,3,4,5,6,7,8,9,10,12,14,16,18

Flow characteristics

The graph shows the nominal output of the Tec 6 Plus Vaporizer at 760 mmHg.



Electrical specifications

Voltage requirement:	Either 220 to 240 V or 100 to 120 V a.c. 50/60 Hz., depending on the voltage rating of the vaporizer.
Battery type:	Duracel MN/1604
Power consumption:	250 VA nominal

Environmental specifications

Operation

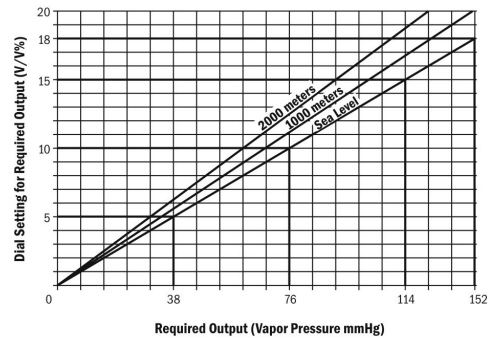
Temperature:	18° to 30°C/64° to 86°F
Humidity:	30 to 75% relative humidity (non-condensing)

Storage

Temperature:	-40° to 60°C/-40° to 140°F
Humidity:	0 to 95% relative humidity at 40°C (non-condensing)

Effects of output at varied altitudes

Decreased atmospheric pressure, with altitude, does not significantly affect the concentration of agent delivered (V/V), but decreases the partial pressure of the agent in the ratio of the atmospheric pressure to the calibrated pressure of 760 mmHg. To compensate for the reduction of vapor pressure output at altitude, the rotary valve must be advanced to maintain the required agent partial pressure.



Warranty

Warranted to be free from functional defects in materials and workmanship for a period of 24 months from the date of original delivery.

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