



Apta Ventilator

Cat. No. 27050

General

A new, economical and highly reliable ventilator (positive flow, piston based) designed for use with rats, guinea pigs, bats and small birds.

The new Apta Ventilator features an elegant and original stroke and distribution mechanism, clear at first sight, with significant advantages:

- Negligible dead space volume.
The piston almost touches the cylinder end with each stroke, regard-less of the preset volume, insuring that air is completely expelled with each stroke.
- Adjustable on the fly!
Tidal Volume is clearly indicated on a stationary dial and is adjustable by a knob while the pump is running or at standstill.
- The reciprocating motion is generated, adjusted and transmitted to the piston by rods and articulated joints only.
The lack of sliding friction leads to:
 - Durability and silent operation
 - Exact stroke reproducibility



Affordable and Reliable
STARLING'S PUMP

Main Features

- Simple, sturdy and reliable
- No lubrication required
- Affordable price
- Silent operation
- High Tech materials to reduce wear

Port Connections

Four ports (room air, to the lungs, from the lungs, exhaust/recycling) allow flexibility or sampling from any of the air channels. The input may be room air, inhalation anesthetic, or non explosive gas mixture.

The exhaust air may be partially or totally recycled or collected for analysis.

Simplicity of Operation

The Apta Ventilator has two controls: a **speed control** knob adjusts the geared motor to the desired speed, which is indicated on the RPM dial.

The **stroke volume**, indicated in millilitres (ml) on the crescent shaped scale, is adjusted via the large knob. The adjustment of either parameter can take place while the pump is running or at a standstill.

Specifications

The universal switching power-supply of Apta Ventilator 27050 does not require any voltage selector. The Ventilator can be connected to any AC source, voltage from 80 to 240 Volt, 50 or 60 HZ. The power consumption is 30 VA max.

Strokes per minute	20 to 180
Stroke volume	1-10 ml
Stroke volume reproducibility	+/- 3%
Dimensions	30(w) x 14(d) x 24 (h) cm
Net Weight	4.4 Kg
Shipping Weight	10 Kg



Apta Ventilator - back



Gas Anesthesia System - Cat. No. 21100

Ordering Information

27050 APTA Ventilator

Complete with 10ml cylinder/piston assembly and following parts & accessories.

OPTIONAL

7025-150 Connection Kit, for Anesthesia System to Apta Ventilator