

Intermediate Animal Volume Controlled Ventilator



- For animals from 1 to 30 kg (2.2 to 66 lb) in body weight

This Ventilator is supplied with two interchangeable brass piston and cylinder assemblies. The piston travels to the end of the cylinder regardless of volume setting minimizing dead air space.

The smaller piston and cylinder assembly adjusts from 4 to 25 cc per stroke. The larger assembly adjusts from 17 to 100 cc per stroke. The rate is adjustable from 10 to 100 strokes/minute. The volume and rate are adjustable while the pump is running.

Specifications

Volume	Adjustable from 4 to 100 cc/stroke while the Ventilator is running
Rate	Adjustable from 10 to 100 strokes/min while the Ventilator is running
Phase Control	Percentage of inspiration can be adjusted from 35 to 65% of respiratory cycle while ventilator is running
Port Size:	
ID	6.4 mm (1/4 in)
OD	7.9 mm (5/16 in)
Dimensions, H x W x D	35 x 20 x 45 cm (14 x 8 x 18 in)
Weight	18 kg (37 lb)

Catalog No.

Product

CGS 8028.68	Intermediate Animal Volume Controlled Ventilator, Model 665, 115 VAC, 60 Hz
CGS 8029.68	Intermediate Animal Volume Controlled Ventilator, Model 665A, 230 VAC, 50 Hz
CGS 8030.68	Overhaul Kit for Intermediate Animal Ventilator; Contains O-rings, Valve Springs, Lubricants, etc. to Overhaul Ventilator



Starling's Miniature 'Ideal' Ventilator

- Stroke Volumes of 0 to 2.5, 0 to 10 and 0 to 30 CC
- LED Digital Rate Display
- Electromagnetically Quiet (Meets EMC-CIS-B regulation)
- Rate and Stroke Adjustable During Ventilation

The Harvard Starling 'Ideal' ventilator features negligible dead space, low noise, low wear and high reliability. The rate is indicated on a LED display. Both the rate and stroke can be changed while the ventilator is running. The fine pitch of the stroke control allows the stroke to be accurately set and the actual stroke is clearly displayed on a static pointer scale, not on the side of the piston, or moving scale.

Three different sizes are available: 0.25 to 2.5 cc, 1.0 to 10 cc and 3.0 to 30 cc. All air drawn into the pump is expelled on each stroke. The negligible dead space feature ensures that the piston reaches the end of the cylinder at the top of every stroke.

The speed of the motor is continuously monitored and regulated to maintain a constant stroke rate. The precision-machined valve assembly has four ports which provide maximum air channelling flexibility. The input may be room air or non-explosive gas mixtures. The exhaust air can be partially or completely recycled, or collected for analysis.

The Harvard Starling 'Ideal' ventilator is designed to generate minimal electro-radiated noise and meet the stringent EMC CIS-B regulations for radiated noise, as well as other current CE directives.

Specifications

Tidal Volume	0.25 to 2.5 , 1.0 to 10 or 3.0 to 30 CC, continuously variable	
Rate	10 to 200 Strokes per minute, LED display	
Port Size	OD 6.3 mm (1/4 in) ID 4.8 mm (3/16 in)	
Certifications	Meets all EMC and CE requirements.	
Power	115 V or 220 V 50/60 Hz	

Voltage

Volume	110 V	220 V
0.25 to 2.5 cc	CGS 8031.68	CGS 8032.68
1.0 to 10 cc	CGS 8033.68	CGS 8034.68
3.0 to 30 cc	CGS 8035.68	CGS 8036.68