

Patient Ventilator

Industry: Medical

This medical OEM is a manufacturer of medical ventilators and is a global leader in ventilation sales and services. Their equipment provides life-sustaining air via positive pressure ventilation to those patients who cannot breathe on their own.

The amplifier drives a brushless motor with hall sensor commutation, powering a turbine. The turbine delivers air to the patient. A number of variables can be adjusted to obtain the optimum flow for the patient. These variables include such things as breath rate, tidal volume, and peak flow.



Above: Standard B12A6 drive. This may differ in appearance from the actual custom product used.

A customized version of the B12A6 is used in this hospital patient ventilator. The amplifier receives a 0-10V analog command that goes from near zero to full voltage immediately and back again in a short period of time (each breath). The customer required a product that did not have external pots or switches in order to minimize variation of ventilator performance in the field.

Ventilators commonly have long service lives and maintaining the business over the life of the program has required continuous cost control and stable pricing. AMC has worked well to lower and maintain costs through long-term commitments. In this market, even vanishing small failure rates cause serious concern. Therefore, AMC has had to provide unusual levels of failure diagnosis. A combination of technical support, pricing, product availability, and performance made AMC the number one choice for this company.

Sold & Serviced By:

SERVO2GO.com

Toll Free Phone: 877-378-0240

Toll Free Fax: 877-378-0249

sales@servo2go.com

www.servo2go.com