Solutions for success
Maintaining temperature in analyzing equipment

ebmpapst
The engineer's choice

Maintaining constant temperature in blood analyzing equipment
Blood analyzing equipment is crucial to the medical field. Blood samples are often taken as part of a routine healthcare regimen, and can be key indicators of infection or disease. To properly examine blood and relay accurate results, the samples must be kept within a very specific temperature range. Any variation can cause the sample to be unusable and/or invalidate test results. Optimal temperature regulation is best realized with a blower/heater combination.

A well-known medical equipment manufacturer needed a solution for this type of application. Close collaboration between the customer and ebm-papst's Sales and Engineering Teams resulted in a customized, plug-and-play solution: a low-profile, high reliability DC tangential blower from our QG030 series. The DC tangential blower and heater assembly maintain the environment at the required heat range for blood samples to accurately diagnose diseases. Our high quality fan assembly provided seamless integration to the customer's blood analyzer.

- Size Range: 203.2 – 416.56 mm (8 – 16.4 inches)
- DC motor available in 12 and 24 VDC with the option for additional moisture protection and a tachometer
- Ideal for high flow at low back pressures
- Provides a laminar curtain of air over the entire length of the exhaust

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