

## **INFIN-A-Tek Application Notes**



Spec No: VSR-001-DC (Revision: B)

## AMETEK 24, 36, & 48 VDC, INFIN-A-TEK, SR Gen II, Blower Motor

- Please review all of the diagrams carefully!

- The INFIN-A-TEK blower utilizes a switched reluctance (SR) brushless motor, which is commutated electronically.
- All SR motor control boards are thermally protected using an auto-reset device.
- The connection of the wires from the blower must be in accordance with these application notes for the unit to operate properly.
- All INFIN-A-TEK (SR) motors must be installed with 4.8 square inches minimum intake cooling air area to allow for adequate
- cooling of control board and motor components. Operating temperature range: -20 to +50 Deg C.
- For additional technical assistance, contact your AMETEK/Floorcare & Specialty Motor sales representative.





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## 3) Cooling Requirements for Installation

