



## NEWS FOR IMMEDIATE RELEASE

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### PLUG AND PLAY FREQUENCY CONVERTER OFFERS BUILT IN BLOWER MOTOR PROTECTION

The new FC-550 frequency converter has an integrated current monitoring and a built-in motor protection switch that protects the blower motor from too low or too high rotational speeds which can lead to thermal or mechanical damage to the blower motor is available from Malcom Company, Inc. of Tiverton, Rhode Island.

Malcom's Leister® FC-550 Frequency Converter offers plug & play installation. With the FC-550, blower performance can be increased by up to 60% depending on the blower being used. The results are a more efficient process and therefore produce lower operating costs.

Different processes require different air volumes and with the FC-550 it is possible to control this through a PLC via a 4-20 mA/0-10 V interface. Or you select one of four pre-set frequencies via external relays. With the FC 550 frequency converter it is possible to adjust the rotational speed by 1 Hz increments and show it on the built-in digital display.

When using the FC-550 with heaters and blowers it produces better hot air processes because air volume and heating performance can be set and controlled independently from each other. Lower system costs are also achievable because smaller and less expensive blowers can be used. Also multiple air heaters can be connected to a single blower. The FC-550 can actively control the blower to a lower frequency. This has the advantage that it assures that a minimal air volume is maintained protecting the air heater.

Literature is available upon request. For more information contact:

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