

"TecHeat" heat treatment service for insect control (by Aggreko)

There are, of course, many different ways to heat air. For applications where combustion flame or exhaust is not an issue, Aggreko provides indirect, oil-fired heaters in capacities of 222,000 to 27,000 Btu/hr [65 to 125kW]. For more demanding applications, Aggreko has focused its heating-air services on custom-built electric heaters. These units have the advantages of complete fume-, flame- and moisture-free air heating. Electric heaters are available in sizes from 171,000 to 3.8 million Btu/hr [50 to 1,120kW], with airflows to 12,000 cfm and temperatures to 300<deg>F [566.4 L/s at 149<deg>C]. These units can be used for HVAC applications, as well as industrial or construction applications for wherever warm air is desirable.

A specialized application of Aggreko heating technology available in North America is TecHeat. TecHeat uses electric heating to control pest infestation or other product-degradation problems in food processing. With TecHeat, a food processor can eliminate an infestation in food-storage areas by applying hot (up to 170<deg>F; 76.7<deg>C) air. This method has significant advantages over the application of chemicals such as methyl bromide practice that is becoming obsolete in the food industry because of the risks of chemical residues.

