



CASE STUDY
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Contact: Eddie Stevenson
310-952-7955

**MOVINCOOL SPOT-COOLING UNITS KEEP
ASTON'S TEMPERATURES DOWN AND PROFITS UP**

CHALLENGE:

Because of expansion in its IT and e-business operations, Aston Group had outgrown its data center and would be moving to a larger facility in six months. However, the company's current server room needed immediate relief from dangerously high temperatures. Systems were shutting down daily as temperatures rose to 100 degrees.

SOLUTION:

By installing two MovinCool portable spot-cooling units, Aston's data center was cooled to 70 degrees, eliminating heat-related system failure and saving weeks of server deployment time -- all for a fraction of the cost of a permanent air conditioning system.

BACKGROUND:

Aston Group specializes in integrated digital solutions for the financial industry worldwide. Its headquarters are in Denmark and its North American IT operations are located just outside of Ann Arbor, MI. Aston's data center grew from a single computer rack to seven racks with 45 servers, prompting the need to move to a larger facility, but the company needed a quick, economical way to control high temperatures in the interim.

Initially, Chief Technology Officer Steven Tutino tried to cool the data center with two competitor portable air conditioners. Since each unit's cooling capacity was only 7,700 BTU/h, temperatures remained in the mid 90s. Tutino turned to a local distributor, which recommended MovinCool spot-cooling systems and brought in two Office Pro 24 units, each of which provides up to 24,000 BTU/h, features programmable temperature controls

and requires no costly installation. The units can simply be rolled in, plugged in (230V) and turned on. Temperatures immediately dropped to 70 degrees, comfortable for both people and high-end computer equipment.

According to Tutino, the spot-cooling units run round-the-clock and achieve the same goal as a permanent air conditioning system, which would have cost Aston eight times as much to install. Tutino was so impressed with the results that he recommended the MovinCool units to an Aston Group client, a logistics and distribution company experiencing similar challenges.

For more information, contact MovinCool, 3900 Via Oro Avenue, Long Beach, California 90810. Toll free 800-264-9573 or fax to 310-835-8724. You can also visit the web site at www.movincool.com. Suggested list price for the Office Pro 24 is \$4,395,00

Canadian customers please contact:

Gordon R. Williams Corporation,

3350 Ridgeway Drive, Unit #2 Mississauga, Ontario Canada L5L 5Z9

Phone: (905) 820 - 1400 Fax: (905) 820 – 1435 Toll Free: 1 - 888 - 209 – 0999

www.williamshvac.com info@williamshvac.com

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