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DOCUMENT TITLE: <p style="text-align: center;">SACP40A-HS 40 ton high static rental ACs to replace low tonnage low static air conditioners</p>	REVISION DATE: <p style="text-align: center;">07-23-12</p>	



1.0 The Problem

1.1 A large rental company had won a bid to cool an extremely large event showcase. In order to cool various tents and warehouses the rental company brought in more than 10 various size AC units, more than 100 sections of 25’ round flexible duct, and multiple generators with distribution panels.

As the show continued many of the areas got too hot. As mid summer arrived, the customer was getting upset because many of the event areas were hot, and had poor or inadequate airflow. At that time the rental company risked loosing the job, and the potential revenue the project generated.

2.0 The Solution

2.1 The rental site was reviewed in detail. In place of the 10 other brand AC units, Smart Family provided (4), Four of our SACP40A-HS low footprint, high static, rental air conditioners. With the small footprint of our 40 ton units (78” X 88”) the customer was able to relocate the cooling units outside of high traffic areas, The high static blower on the SACP units was able to discharge the

air as needed throughout the event (SACP rental units come standard with 6-7" TSP blowers). In addition, due to the special 100% outside air design of these units, the site was able to achieve 60F leaving air, even during the hottest summer months.

Due to the capacity and footprint of the SACP40A-HS the rental company was able to use only 2 generators, clean up the duct run, and limit the site to 4 packaged AC units.



3.0 Added benefit

3.1 As well as providing cooler air and more static pressure, the SACP units were significantly quieter. During presentations, the customer was able to easy turn down the VFD adjustment pot in the customer interface panel to limit the noise into the 70 dBa range. In fact, the units were quiet enough to carry on conversations right in front of the duct work.