



# The GAL Power Source - Healthcare Edition

## Points of Interest

GAL Power Systems will be attending the CHES Ontario Chapter 2007 Educational Forum and Trade Show as an exhibitor. We will be located at booth #7 at the London Hilton on April 29<sup>th</sup>, April 30<sup>th</sup> and May 1<sup>st</sup>.

GAL recently supplied 2 x 230 kW synchronized Generators complete with Transfer switches to a Critical 911 Centre in Ville St.-Hubert.

An Ottawa hospital had a requirement for 2 X 150 h.p. boilers during construction of new steam lines from the nearby steam plant. GAL supplied 2 X 200 hp, gas fired, low pressure, mobile steam boilers, c/w pumps, controls and hot water heat exchangers. One boiler was operational, the other was standby. The complete installation was done by GAL, as well as operating engineers on site 24/7 during operation of the system. (14 days)

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## Supplemental and Emergency Heating

With winter in full swing, there are a few typical challenges healthcare facilities face. Knowing your options for supplemental and emergency heating will help keep your facility running smoothly.

Where some heating issues are unforeseen, others are the result of facility expansion. Many hospitals are currently expanding and often find themselves with a new wing or warehouse that doesn't have any heating yet. These types of problems can be handled by a temporary stand alone system that can heat the new area. Through two of our suppliers, Aggreko and Dryair, we can offer a wide range of rental equipment to meet each facilities particular need; we even carry equipment that can provide flame-free heating within the heated area. GAL can also provide rental options based on preferred energy/fuel sources. We have the heating equipment to provide viable options that run on natural gas, propane, electricity and diesel fuel.

Another common issue is an underperforming HVAC system. In this instance GAL would bring in equipment that can tie into the existing system and augment it. Should the equipment fail completely, GAL can quickly provide a temporary boiler or Dryair unit that can be connected to the facilities steam or hot water loop to keep it up and running.

Should you have any questions or concerns about your heating systems feel free to contact your local GAL branch for advice or a free consultation: [powersourcehc@galpower.com](mailto:powersourcehc@galpower.com)

### Notes on our Suppliers

AGGREKO the world's leading power rental specialist. Individual generators are available from 15kW to 2000kW in just about any voltage, along with all the accessories required to power up any site. GAL rents a complete line up of advanced electric heaters, chillers, oil-free air compressors and dehumidification equipment.

Dryair is an organisation that deals specifically with portable hydronic heating systems that provide affordable and reliable climate control systems to a variety of industries including healthcare.

## Are You Prepared For a Boiler Breakdown?

When dealing with any kind of operational malfunction, knowing your options ahead of time saves you time and money. Temporary boilers are a great solution when you're looking to replace or augment your existing system for any one of the following reasons:

1. Breakdown of existing equipment
2. Planned outage of existing equipment for repair, maintenance or upgrade.
3. Increased capacity to handle peak loads.
4. Testing of a new process or production run.
5. Research and development projects
6. Delays in bringing new systems on line.

To keep your facility up and running, GAL Power Systems rents the following types of boiler systems:



<b>Portable Boiler Room</b>	This is a complete packaged boiler room all pre-piped, pre-wired, lighting and heating mounted on heavy duty skids, so that boiler room can be loaded and off loaded using a tilt and load truck.
<b>Boiler and Accessories</b>	This is a boiler, feed water system and fuel oil tank (if the boiler runs on natural gas then a fuel tank is not required) mounted into heavy skids, pre-piped and pre-wired. This option should be used inside facilities; if it needs to be used outside it will require weather protection.
<b>Electric Boilers</b>	For very light loads we have electric boilers with accessories.
<b>Steam Line</b>	Providing a steam line from the temporary boiler to available connections within facilities has proved a popular option. Above 15 psi steam pressure, the steam line installation must be approved by a local boiler inspector.

### Customer Responsibilities

- Always make certain that your equipment is designed for the pressure of the rental equipment
- Advise your insurance company
- Supply fuel, boiler chemicals and general daily supervision of equipment.
- Adequate electrical power source and feed water supply

### Emergency service

We offer 24 hour service to keep your equipment operating. In many cases, we have had the plant back online within 24 hours. For larger capacities we can tie our units together.

### Boiler Rental Quotations

For quotations contact your local GAL branch. Site visits can be arranged at your request to assist in sizing and selection of equipment. If you have any other questions about boiler rentals, please don't hesitate to contact us at: [powersourcehc@galpower.com](mailto:powersourcehc@galpower.com)