Chemical Detox
For Fire Fighters

SaunaRay
Medical Grade Saunas
“We know it’s Cancer that’s killing us. Now we have a tool to prevent Cancer.”

- Chief Trent Elyea Collingwood Fire Dept., Ontario Canada

Fire fighting is the only profession in North America where an employee cannot legally refuse to work under dangerous or toxic conditions.

In 2006 Medical Researchers at the University of Cincinnati published definitive evidence that firefighters are at greater risk of Multiple Myeloma, non Hodgkins Lymphoma, Prostate and testicular cancers. (1)

In 2006 U.S. Medical Doctors also published the first sweat detoxification study showing dramatic improvement for 273 New York Firefighters suffering from chronic lung, heart and thyroid malfunction after working in the smoldering embers of the World Trade Center. (2)

It is now understood that sweating is the firefighter’s number one defense against illness.

In 2007 the World Health Organization officially declared the profession to be a “Possible Human Carcinogen”. (3)

Fire fighting was placed on the Class 2b Carcinogen list along with exposure to lead, DDT, and formaldehyde. (3)

For the 21st Century fire fighter, the high risk of cancer is now as real as a collapsing roof.

In 2009 the U.S. National Institute for Occupational Safety and Health (NIOSH) determined that fire fighters have an elevated risk of Cancer based on a definitive study that followed the health of 30,000 American firefighters over a period of 60 years. (4)

In 2010 Medical Doctors in Canada discovered human sweat contains high concentrations of phthalates (5), bisphenol A (6), and heavy metals (7) – the same toxins that are making firefighters sick.

This discovery paved the way for chronic illness and Cancer Prevention in the firefighter profession.
“I bought my detoxifying unit from SaunaRay because it’s reliable, made in Canada, and built without any of the modern day toxins we encounter in our jobs.”

Deputy Chief Neville Murphy, Kingston, ON, Canada.

Today most provincial and state governments across North America have adopted “presumptive legislation” for more than a dozen cancers and heart disease.

Fire services focusing on employee wellness are embracing the SaunaRay Detox system for fire fighters. It combines gentle infrared medical grade heaters with mild exercise on a stationary bike to coax a quick and profuse sweat without raising the core body temperature. Fire fighters remain call-ready while detoxing on-shift. They report a normalization of blood pressure, greater energy, and lower toxic body odor after a fire call.

Sources:

2. The Townsend Letter April 2006. - “Chemical Exposures at the World Trade Center”
3. International Association for Research on Cancer
7. Heavy Metal concentrations in Sweat 10X greater than Urine – Archives of Environmental Contamination and Toxicology
How it works

**Like Being in a Greenhouse:** Our Medical Grade ceramic elements work like a “greenhouse” by concentrating the heat in the infrared spectrum. It is easy to breathe in the gentle warm air, but you sweat profusely and detoxify more swiftly than any other proven method.

**SaunaRay** chemical detox chambers employ “far infrared” heating technology that promotes human sweat without raising the core body temperature. They have been trusted in medical studies and are the industry standard in Naturopathic teaching colleges across North America.

**Comfortable Heat:** Traditional sweat chambers require super high heats of 180F (80C). This causes the side effect of over-heating, and potential toxic flush into the bloodstream. SaunaRay’s unique infrared heating systems operate below core body temperature 78-100F (27-40C). This means accumulated toxins do not re-enter the bloodstream, and instead are expelled via sweat.

**All Natural:** Infrared heat comes naturally from the sun. It is perfectly mimicked using SaunaRay’s medical grade ceramic infrared heating system. This allows people inside to sweat more quickly.
“I highly recommend this combined approach of exercise and low heat sauna. It’s a preferred method for elimination of many toxicants from the human body.”

- Dr. Stephen Genuis MD, Medical Researcher, University of Alberta

**Cycling inside:** Mild exercise on the stationary bicycle acts as a catalyst to generate a gentle sweat in seven minutes and a profuse detoxifying sweat in 15 minutes.

**Science has now proven** that this is the number one way for fire fighters to remove chemicals absorbed through the lungs, or the skin.

**Medical Grade Construction:** SaunaRay Chemical Detox chambers are made without toxic glues, plastics, chemical fire retardants, plywood or fiber board. The unique medical grade heating system is designed with ceramic plate elements, mounted on stainless steel to guarantee zero toxic off gassing inside the warm chamber.
“I was on long-term disability. I was allergic to everything. After six weeks in my SaunaRay I started back to work. This sauna belongs in every fire hall to prevent disease before it starts.”


NYFD Sweat detox

Hundreds of NYFD firefighters fell sick with chronic illnesses after responding to the 9-11 attack on the World Trade Center. As a group they came to rely on a large number of pharmaceuticals, were in regular pain, and taking regular sick leave. After sweating for an average of 1,000 hours over a period of three months, they normalized their health.
In 2010 medical researchers at the University of Alberta determined that Heavy Metal toxins associated with many cancers affecting firefighters, can be removed in sweat ten times more efficiently than any other method.
Diseases covered under Presumptive Legislation may be Prevented with regular Sweat Therapy.

<table>
<thead>
<tr>
<th>Diseases over represented in Fire Fighters</th>
<th>Covered under Presumptive Legislations</th>
<th>Associated Toxin</th>
<th>Toxin Eliminated Via Sweat?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bladder Cancer</td>
<td>Yes</td>
<td>Lead, Plastic</td>
<td>Yes</td>
</tr>
<tr>
<td>Brain Cancer</td>
<td>Yes</td>
<td>Lead, Plastic</td>
<td>Yes</td>
</tr>
<tr>
<td>Colorectal Cancer</td>
<td>Yes</td>
<td>Heavy Metals, Arsenic</td>
<td>Yes</td>
</tr>
<tr>
<td>Esophagus Cancer</td>
<td>Yes</td>
<td>Plastics</td>
<td>Yes</td>
</tr>
<tr>
<td>Heart Disease</td>
<td>Yes</td>
<td>Heavy Metals</td>
<td>Yes</td>
</tr>
<tr>
<td>Kidney Cancer</td>
<td>Yes</td>
<td>Lead Cadmium</td>
<td>Yes</td>
</tr>
<tr>
<td>Leukemia</td>
<td>Yes</td>
<td>Heavy Metals</td>
<td>Yes</td>
</tr>
<tr>
<td>Lung Cancer</td>
<td>Yes</td>
<td>Nickel</td>
<td>Yes</td>
</tr>
<tr>
<td>Multiple Myeloma</td>
<td>Yes</td>
<td>Pesticides</td>
<td>Yes</td>
</tr>
<tr>
<td>Non-Hodgkins Lymphoma</td>
<td>Yes</td>
<td>Heavy Metals</td>
<td>Yes</td>
</tr>
<tr>
<td>Prostate Cancer</td>
<td>Yes</td>
<td>Cadmium</td>
<td>Yes</td>
</tr>
<tr>
<td>Skin Cancer</td>
<td>Yes</td>
<td>Heavy Metals</td>
<td>Yes</td>
</tr>
<tr>
<td>Testicular Cancer</td>
<td>Yes</td>
<td>Cadmium, Plasticizers</td>
<td>Yes</td>
</tr>
<tr>
<td>Urethra Cancer</td>
<td>Yes</td>
<td>Heavy Metals</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Sources for Firefighter Cancer chart.

- Bladder Cancer from Occupational exposure to plastics: Canadian Cancer Society
- Brain Cancer, vinyl, textiles and plastic: - U.S. National Institutes of Health
- Breast Cancer and bisphenol A. – BreastCancer.org
- Colorectal Cancer and Heavy Metals – Journal of Toxicology and Applied Pharmacology
- Esophageal Cancer and Plastic – New York State Dept. of Health
- Heart Disease and Heavy Metals – U.S. National Institutes of Health
- Kidney Cancer, Cadmium & Lead - International Journal of Epidemiology
- Leukemia and heavy metal particulate: Harvard University
- Lung Cancer associated with Nickle exposure – The American Journal of Epidemiology
- Multiple Myeloma, Plastics and Pesiticides, – Multiple Myeloma Foundation
- Non Hodgkins Lymphoma from pesticides and herbicides - American Cancer Society.
- Prostate Cancer and Cadmium – Journal of Toxicology and Environmental Health
- Skin Cancer and Heavy Metals – Mayo Clinic
- Testicular Cancer, plasticizers and cadmium. - U.S. National Institutes of Health

Chart Copyright SaunaRay Inc. Jan 2015.
“My SaunaRay Detox Unit is the best investment I’ve ever made in my health.
- Jim Fitzpatrick, Firefighter, Markham ON

Exclusive offer to fire Stations: Rent-to-Own (RTO)

- No money down.
- Immediate delivery.
- Small monthly payments.
- Fund easily out of Operating Budget.

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</thead>
<tbody>
<tr>
<td>Single Bike sauna</td>
<td>(regular 110V outlet)</td>
<td>52” x 39” x 78” tall</td>
<td>$4,995</td>
</tr>
<tr>
<td>Double-Bike sauna</td>
<td>(240V outlet)</td>
<td>96” x 51” x 78” tall</td>
<td>$6,995</td>
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<tr>
<td>Three-Bike sauna</td>
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<td>72” x 72” x 78” tall</td>
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<td>Four-Bike sauna</td>
<td>(240V outlet)</td>
<td>96” x 72” x 78” tall</td>
<td>$8,995</td>
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SaunaRay’s Rent to Own option is exclusively available to fire halls and provides immediate delivery. The SaunaRay detox chamber is fully warranted and maintained during the course of the rental term. A portion of each monthly payment is assigned to purchase. After four years the ownership is transferred to the fire dept.

Contact SaunaRay Toll Free 1-877-992-1100 | Email: info@saunaray.com | Web: www.saunaray.com