



## Trout Lake Community Centre and Ice Rink – Vancouver, BC

### Background

Located in Vancouver’s picturesque John Hendry Park, Trout Lake Community Centre is a state-of-the-art, multi-use sports and recreational facility. In 2010, the ice rink served as a figure skating training centre for 150 skaters from 35 countries.

### The Viessmann Solution

A gas-fired condensing boiler system was installed in two phases – the first during initial construction in 2009 and the second in 2011.

### Installation Details

The system installed in Phase 1 consisted of three Vitodens 200, WB2A 15-60 wall-mounted condensing boilers, supplemented by waste heat from the ice cooling system. Four Vitodens 200, WB2B-105 wall-mounted condensing boilers and a Vitocontrol-C custom control panel were installed as part of Phase 2 in 2011.

### The Results

The facility was awarded Leadership in Energy and Environmental Design (LEED) Silver certification in 2010. It has since been converted to a community rink for recreational use, a process that included a reduction of the rink size from international specifications (100 x 200 feet) to NHL dimensions (85 x 200 feet) and the construction of seating for 250 spectators.

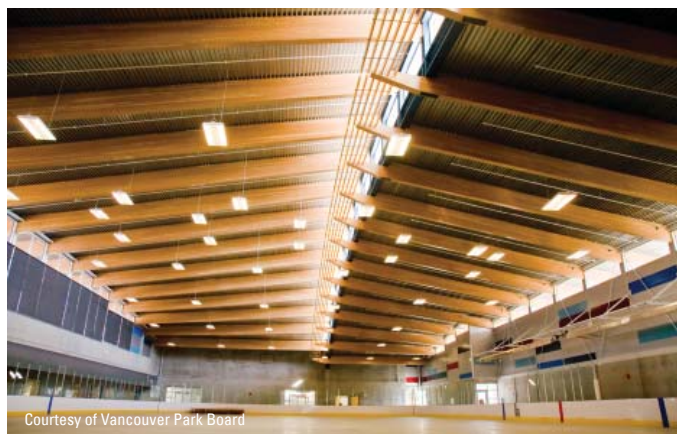
### Project Details

Project Year	Phase 1: 2009 / Phase 2: 2011
Equipment	3 x Vitodens 200, WB2A 15-60 4 x Vitodens 200, WB2B-105 Vitocontrol-C Custom Control Panel
Rated Input	80-690 MBH / 23-201 kW (3 x WB2A) 104-1480 MBH / 30-432 kW (4 x WB2B)
Mechanical Consultant	J.M. Bean & Co., Vancouver, BC
Mechanical Contractor	GML Mechanical Ltd., Delta, BC



Courtesy of Vancouver Park Board

The Trout Lake Ice Rink served as a figure skating training centre in 2010



Courtesy of Vancouver Park Board

The rink was subsequently converted from international dimensions to an NHL-sized surface

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