

HARO PARK CENTRE

VANCOUVER, BC, CANADA

HEALTH CARE

EXTENDED SAVINGS

Haro Park Centre is a thirty-five year old extended health care facility with over 60 independent and assisted living apartments. Medical, nursing, and dental services are provided along with music, art, and horticultural opportunities.

PROJECT DETAILS

Reliable Controls® Authorized Dealer, Webir Automation & Control Services incorporated a Reliable Controls® MACH-Global controller into the Haro Park Centre mechanical room to control and monitor the boiler and Domestic Hot Water (DHW) systems. In the summer months, the boiler loop to the DHW heat exchanger is reversed, thereby allowing the gas-fired DHW tank to heat the building heating loop at a lower level than required by the non-condensing boilers, and ultimately achieve savings. Outdoor air temperature and performance is used to automatically switch between seasonal modes of operation for maximum efficiency. The DDC system uses runtime totalizers to monitor daily usage of pumps and boilers with this data being stored in arrays for monthly analysis.

Since the Reliable Controls® MACH-System was installed at Haro Park Centre in 2005, gas consumption has been reduced by 20%. The DDC system allowed the building operator to monitor the mechanical equipment and analyze comprehensive data to continually improve the performance of the mechanical equipment.

To learn more about projects using Reliable Controls® visit www.reliablecontrols.com/projects/overview



PROJECT TYPE:

Retrofit

INSTALLATION TYPE:

Boiler, DHW

EQUIPMENT INSTALLED:

1 MACH-Global™

TOTAL SYSTEM POINTS:

44 points

RELIABLE CONTROLS® DEALER:

Webir Automation & Control Services

www.reliablecontrols.com