

Project

Name
Dockside Waterfront Drive

Location
Bedford, Nova Scotia, Canada

Completion Date
November 2012

The Team

HVAC Contractor
Comeau Refrigeration Ltd
Annapolis Royal, NS

HVAC Distributor
Master Group Ltd

Fujitsu Equipment

- (88) ASU7RLF Wall Mounts
- (1) ASU9RLF Wall Mount
- (15) ASU12RLF Wall Mounts
- (57) ASU18RLF Wall Mounts
- (17) ARU9RLF Slim Ducts
- (6) ARU12RLF Slim Ducts
- (13) ARU18RLF Slim Ducts
- (8) ARU24RLF Slim Ducts
- (37) AOU24RLXFZ Condensing Units
- (42) AOU36RLXFZ Condensing Units



Individual Metering for 79 Condos

Provident Developments offers Halifax luxurious waterfront condominiums for sale with Dockside Waterfront Drive. Nationally recognized as one of Halifax's most innovative and attractive waterfront developments, the Dockside is the capstone on Provident's Harbour Lights community. It's waterfront condo living at it's best! Surrounded by 3.8 kilometers of ever expanding boardwalk and adjacent to a popular gathering place at DeWolfe Park, this community is the heart of Bedford.

Centrally located just 20 minutes from downtown Halifax, Dartmouth, and the Stanfield International Airport, residents of Bedford enjoy above average incomes and unique shops and boutiques. Known for years as one of Canada's most sought after communities, Bedford boasts a small town atmosphere in the heart of Atlantic Canada's busiest metropolis.

The primary owner or tenant would be middle aged and beyond and accustomed to a higher standard of living. There are 78 units ranging in size from 1,200 to 2,800 sq.ft.

Design Challenge

Two towers, one five-story and one 6-story, include a total of 78 luxury condos overlooking a finger of Halifax Harbor. Individual metering was probably the biggest consideration for this project. The plan was to have each condo pay for their own utility bill which includes the heating and cooling.



A combination of wall mounts and concealed slim ducts units were used inside the condo complex.



Solution

Both the VRF approach and individual unit approach provided individual metering capability. Ultimately, the mini splits provided a more cost effective solution. Comeau Refrigeration was contacted because the client knew of Fujitsu and went looking for a contractor via the website.

Results

It's a selling feature for the developer to offer air conditioning as well as high efficiency heating. Compared to straight baseboard electric the savings are typically 50%.



Outdoor condensing units sat on patios for each individual condo unit. There were a total of 79 systems installed in the condo development overlooking a finger of Halifax Harbor.

This installation is a prime example of how ductless heat pumps are being utilized in chilly, Northern climates.

