

Quick Summary and Comparison of Three (3) Boiler Quotes

Milani:

- Includes three (3) IBC high-efficiency stainless steel heating boilers (96% efficiency)
- One (1) 120-gallon indirect stainless steel hot water tank heated by new boilers
- Smart digital control system for remote access and boiler operation
- Redundant system with multiple boilers and greater system redundancy
- Limited 10-year warranty on boiler heat exchanger

Total cost: \$109,800 + \$5,490 (GST) = \$115,290

Does Not Include or Extras:

- Upgrade the three existing building circulator pumps with Grundfos magna high efficiency pumps that use approximately 1/3 of the electricity of the existing pumps, will reduce flow noises and wear and tear on piping due to over pumping.
 - \$12,995 + \$649 (GST) = \$13,644
- Does not allow for temporary hot water availability during replacement.

Links:

- <https://www.ibcboiler.com/wp-content/uploads/CX-Brochure-06.01.2023.pdf>

Saxon:

- Includes three (3) NFB - 399 C NG Navien Condensing boilers
- Includes three (3) Grundfos - UPS 26 - 150 F ½ HP boiler pumps
- One (1) IWT - 119 MAX Indirect HWT
- One (1) 3" CB 300 F flanged Hydro separator (System air scope)
- Includes six 3" DI LT BFV Lever operation / 2 valves room isolation and 2 valves for pump isolation
- Emergency stop push button near doorway of boiler room

Total cost: \$137,575.00 + \$6,878 (GST) = \$144,453

Does Not Include or Extras:

- Temporary hot water connection setup and tear down
 - \$3,000 + \$150 (GST) = \$3,150
- Hot water tank rental
 - \$95 per day.
- One (1") insulation of main 2" and 3" heating lines. (increases energy savings)
 - \$5,500 + \$275 = \$5,775

Links:

- <https://www.navieninc.com/downloads/canada-product-catalog-en>
- <https://www.navieninc.com/downloads/nfb-c-brochure-en>
- <https://www.navieninc.com/downloads/nfb-c-quickfacts-en>

C&C Mechanical:

- Two (2) Lochinvar FTXL 600 MBH 97.5% high efficient condensing boilers
- Two (2) new boiler circulator pumps
- Two (2) Lochinvar 113 USG indirect domestic water storage tanks (113 gallons)
- PVC boiler intake air piping
- Emergency stop push button near doorway of boiler room
- Start-up and commissioning of new equipment

Total cost: \$150,845.59 + \$7,542 (GST) = \$158,387

Does Not Include or Extras:

- Does not allow for temporary hot water availability during replacement.
- Provide replacement 3-way heating control valve instead of reusing old
 - $\$2,456.96 + \$122 = \$2,578$
- Provide new DHW zone pump instead of reusing existing
 - $\$1,783.10 + \$89 = \$1,872$

Links:

- https://www.lochinvar.com/lit/LOC_C_FTXE_G_BR_1003_2023.pdf