



my Recommendation

Mar 9, 2026
Quote # 1508 Version 2

Northland Refrigeration Inc.
15637 Grunwald Ave NW, Clearwater, MN 55320

Contact

Unity School District
1908 150th St HWY 46N, Balsam Lake, WI
54810

Created By

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Core water loop Boiler replacement

Replace qty 2 PBN 1000 80% efficient boilers. Direct vent and combustion air to roof. Removal of existing 3 way mixing valves. Removal of existing Primary pumps. Installation of condensate neutralizers and piping. All options include start up and commissioning.

Option 1 Lochinvar FTXL 500 97.7% efficient boilers. Replace primary boiler pumps.

Option 2 Aerco Benchmark BMK750 boilers

2 - Aerco Benchmark BMK 750, condensing boiler with an input of up to 750 MBH of natural gas. Boiler has a 15:1 turndown and is rated at 160 PSIG max. working pressure, 439 Stainless steel heat exchangers with 10-Year non-prorated warranty, and has 120/60/1 electrical input, CSD-1 and FM approved, O2 Monitoring, NOx emissions are 13 ppm or less. Unit has an 6" vent, small footprint, Edge II Controller with Intergraded BACnet MSTP, IP, Modbus TCP/IP and RTU.

Included options:

- 1 - Header sensor and outdoor sensor.
- 2 - Neutralizers.
- 1 - 50 PSI relief valve. Confirmation required
- 2 - Taco VR ECM pump.

Option 3 Riello Array AR499 condensing boilers

2 - Riello Array AR 499 SE, condensing boiler with an input of up to 499 MBH, with 96.1 Thermal Efficiency fired on natural gas. Boiler has a 10:1 turndown and is rated at 80 PSIG maximum working pressure, boiler has an integral pump inside cabinet and has 120/60/1 electrical input. Unit has a 4" vent connection, 2" water connections & 1" gas connection & 75 PSI relief.

Complete with the following:

- 1 - Outside air sensor and (2) header sensors.
- 2 - Gas regulator with strainer. 2PSI
- 2 - Neutralizers.
- 2 - Boiler water side strainers.
- 1 - BACnet card

Boiler Replacement Aerco Option 2 \$98,004.75

Boiler Replacement Riello Array option 3 \$70,289.75



Included in Quote:

- All Parts & Labor & Equipment

Exclusions:

- Line Voltage Electrical
- Utilizes existing control start/stop
- New Roof Penetrations

Notes:

- Job to be completed during regular hours 7:00 am - 3:30 pm Monday to Friday
- Pricing is subject to parts availability and all items being done concurrently

Sincerely,
Tyrrell Graham

PAYMENT TERMS/RATE SCHEDULE

Payment due net 30 upon completion of proposed work

TERMS & CONDITIONS:

Northland Refrigeration Incorporated agrees to perform the work described in the attached proposal under the following provisions.

- 1.This proposal is good for a period of 30 days from the date of the proposal.
- 2.The cost of any changes to the scope of work will be priced individually, and agreed to in writing by both parties before additional work is performed.
- 3.We reserve the right to file a mechanics' lien at any time in the event of nonpayment for services.
- 4.All material is guaranteed to be as specified. All work to be completed in a workman like manner according to standard practices. Any alteration or deviation from the above specifications involving extra costs will be executed only upon written orders and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance.