

Prairie State Plumbing and Heating, Inc.

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Invoice

Illini Central Schools
208 N. West Ave.
Mason City, IL 62664

Date	Invoice #
1/6/2025	37061

Plumbing . Heating . Cooling . Electrical . Mechanical . Site Work . Ventilation

Description	Amount
<p>WO#26776 - Inv.18392 - Main Campus - 10/28/24 Dane - Inspected mixing valve. Water heater is operating properly, hot water at hot side of mixing valve. All fixtures only getting cold. Isolated recirc line, still cold water only coming. No unions on mixing valve. Isolated mixing valve and removed face of mixing valve. Arm that adjusts outlet mixed water flow is broken, stuck on mostly cold water flow out only. Disassembled valve, manually set valve to mostly hot water outlet. Used customer supplied gasket material to make new gasket for valve, due to old gasket being cracked and dried out. Spoke with Captiol Group, they will have to contact rep on availability on new valve.</p> <p>Circ pump was making grinding noise while running, right side pump. Coupling appears fine, when started up, grinding noise is worse. Added oil, did not change noise. Installed customer supplied B&G prop.</p> <p>Turned water back on, no leaks at circ pump or valve face gasket, screw stops are dripping some now. Tested mixing valve. Able to get hot water out to fixtures only if recirc line is isolated out. Once system has time to run, entire loop should get hot, sufficient amount of cold water in system now. Gene stated he will fully opened recirc line back at end of school day, system should be hot come morning.</p> <p>While attempting to get hot water at fixtures found kitchen sink in break room has poor flow. Cold stop does now work. Good flow out of hot supply line, faucet itself is clogged up from rust and mineral build up. Majority of water lines are galvanized pipe.</p> <p>Gene would like mixing valve, kitchen faucet, and stops at kitchen sink and nurses sink replaced.</p> <p>12/23/24 Dane - Picked up mixing valve and fittings at shop.</p> <p>Shut down water to water heater. Drained down system, cut out old valve. Installed new mixing valve in place. Turned water on to test connections, no leaks at this time. Turned on water heater to test temp setting. Valve is working correctly and regulating temp outlet via dia.</p> <p>Shut water heater back off, shut off main water to this section of building to be able to add new stops to nurses bathroom and to break room faucet. No low points to drain water, other then at the stops themselves. Water took some time to drain down to a point where new stops could be threaded on without too much water leaking by during swap out. Once new stops were on, turned on water and bled out air. Lots of rust in water.</p> <p>Removed old kitchen faucet in break room, installed new faucet. Cover plate used for old spray handle, new faucet has spray head built in. Tested faucet, operating properly at this time.</p> <p>Turned water heat back on, after some time getting some hot water at fixtures. Will take time for hot water to come to temp in entire recirc lines and hot water system.</p>	3,622.00

Thank you for your business.

Please remit to: P O Box 289 Athens, IL 62613

Total \$3,622.00

Past Due Invoices are subject to a 2% late charge per month. Customer is liable for all finance charges, legal fees, and court cost for all unpaid and past due accounts.

www.PrairieStateInc.com

Balance Due \$3,622.00