

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### GENERAL

SOR Code	SOR Description	Unit	Base Price
HA1000EV	Inspect and report on work required.	EA	45.20
HA1001EV	Coordination of multi-trade, multi-contractor tasks, per residence, per day of project activity.	EA	21.30
HA1095EV	Winter watchman, includes 4.5 m (14 ft-9 1/8 in) elect cord, plug and light socket with red bulb - Supply and install.	EA	109.80
HA1145EV	Fireplace fan motor - Replace.	EA	433.80
HA1150EV	Fireplace fan switch - Replace.	EA	69.40
HA1170EV	Smoke alarm or Carbon Monoxide detector, 9 Volt (1) or AA (2) battery, as per manufacturer's instructions - Replace.	EA	20.90

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### **SERVICE AND INSPECTION**

SOR Code	SOR Description	Unit	Base Price
HA1010EV	Air duct system, house - Clean.	EA	433.80
HA1032EV	Chimney, B-vent / liner - Inspect and report.	EA	92.40
HA1036EV	Furnace and HRV, including replace air filters adjust and relight - Inspect, report, clean and service.	EA	197.20
HA1045EV	Furnace and HWT, including replace air filters adjust and relight - Inspect, report, clean and service.	EA	202.20
HA1046EV	Furnace, HWT and HRV, including replace air filters adjust and relight - Inspect, report, clean and service.	EA	244.10
HA1051EV	Furnace, HWT and HRV, including replacement of fuel oil filter (oil furnace), air filter, nozzle, and clean out - Inspect, report, clean and service.	EA	283.50
HA1052EV	Furnace, filter rack - Replace or supply and install.	EA	92.40
HA1055EV	Boiler - Inspect, report, clean, and service.	EA	386.50
HA1056EV	Furnace, including replace air filters adjust and relight - Inspect, report, clean and service.	EA	155.50
HA1057EV	HRV - Inspect, report and service.	EA	82.60
HA1067EV	Gas fireplace - Inspect, report and service.	EA	159.00
HA1105EV	Ventor motor - Clean and service.	EA	43.40
HA1110EV	Flame rod gas furnaces - Clean and service.	EA	52.10
HA1165EV	Forced air heating system air flows, per housing unit - Balance.	EA	60.70
HA2390EV	Furnace air filters, disposable - Replace.	EA	16.50
HA2391EV	Smoke alarm, Carbon Monoxide detector or Combination unit (smoke alarm/CO detector), operation, per dwelling (up to 10 alarms) - Check.	EA	41.70
HA2397EV	Central air conditioning, (furnace mounted units), per residence - Inspect, report and service.	EA	205.10
HA2399EV	HWT, gas, conventional, or power vented - Inspect, report and service.	EA	92.40

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024**

**HEATING & AIR CONDITIONNING**

**AIR CONDITIONER - GENERAL**

SOR Code	SOR Description	Unit	Base Price
HA1246EV	Central air conditioner unit, level - Resecure.	EA	98.60

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### AIR CONDITIONER - UNITS

SOR Code	SOR Description	Unit	Base Price
HA1220EV	Central air conditioner, minimum 14 SEER, complete system includes coils, lines, electrical, refrigerant disposal, mounting, brackets, up to 2 tonnes - Supply and install.	EA	4,067.60
HA1230EV	Central air conditioner, minimum 14 SEER, complete system includes coils, lines, electrical, refrigerant disposal, mounting, brackets, up to 2 tonnes - Replace.	EA	4,252.40

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### AIR CONDITIONER - CONDENSER

SOR Code	SOR Description	Unit	Base Price
HA1240EV	Air conditioner Condenser - Clean.	EA	113.40
HA1242EV	Air conditioner Condenser capacitor - Replace.	EA	58.50
HA1244EV	Air conditioner Condenser contactor - Replace.	EA	96.10
HA1245EV	Air conditioner Condenser fan motor - Replace.	EA	766.70

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### AIR CONDITIONING - DRAIN

SOR Code	SOR Description	Unit	Base Price
HA1247EV	Air conditioner drain line fitting - Replace.	EA	51.80
HA1250EV	Air conditioner drain line - Flush.	EA	43.20
HA1255EV	Air conditioner drain line - Replace.	M	18.50

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### AIR CONDITIONER - ELECTRICAL

SOR Code	SOR Description	Unit	Base Price
HA1260EV	Air conditioner low voltage wire, includes disconnect and reconnect, per Air conditioner unit - Clean.	EA	30.80
HA1262EV	Air conditioner disconnect box - Replace.	EA	73.90
HA1264EV	Air conditioner low voltage wire (18/2) - Replace.	M	30.80
HA1265EV	Air conditioner liquid tight connector for high voltage wire - Replace.	EA	27.10
HA1266EV	Air conditioner liquid tight insulation for high voltage wire - Replace.	M	30.80
HA1267EV	Air conditioner high voltage wires (12/2) - Replace.	M	16.00

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### AIR CONDITIONER - EVAPORATOR

SOR Code	SOR Description	Unit	Base Price
HA1270EV	Air conditioner evaporator, TX valve - Replace.	EA	258.90
HA1271EV	Air conditioner evaporator, using evaporator cleaner - Clean.	EA	234.20
HA1272EV	Air conditioner evaporator coil - Replace.	EA	936.70

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024****HEATING & AIR CONDITIONNING****AIR CONDITIONER - LINE SET**

<b>SOR Code</b>	<b>SOR Description</b>	<b>Unit</b>	<b>Base Price</b>
HA1280EV	Air conditioner line set filter - Replace.	EA	351.30
HA1281EV	Air conditioner line set 3/8 in or 3/4 in, first metre, includes all associated fittings and insulation - Replace.	EA	246.60
HA1282EV	Air conditioner line set 3/8 in or 3/4 in, includes all associated fittings and insulation. To be used with code HA1281 for each additional metre - Replace.	M	37.00
HA1283EV	Air conditioner line set insulation - Replace.	M	18.50
HA1290EV	Air conditioner refrigerant, per line set - Replace.	EA	246.60
HA1292EV	Air conditioner line set, using dye or nitrogen - Check.	EA	221.80

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### **AIR OUTLETS AND INLETS - GRILLES AND REGISTERS TO MATCH CP**

SOR Code	SOR Description	Unit	Base Price
HA2550EV	Supply air grille / register, operable, floor, wall or ceiling mounted, 100 mm x 210 mm (4 in x 20 in), metal - Replace or supply and install.	EA	35.10
HA2552EV	Supply air grille / register, operable, floor, wall or ceiling mounted, 100 mm x 210 mm (4 in x 20 in), metal, per additional grille - Replace or supply and install.	EA	23.40
HA2554EV	Return air grille, inoperable, floor, wall or ceiling mounted, any size, metal, first grille - Replace or supply and install.	EA	53.70
HA2556EV	Return air grille, inoperable, floor, wall or ceiling mounted, any size, metal, per additional grille when combined with HA2554 - Replace or supply and install.	EA	42.10
HA2558EV	Supply air grille / register, operable, floor, wall or ceiling mounted, non-standard size, metal, first grille - Replace or supply and install.	EA	40.90
HA2560EV	Return air grille, inoperable, heavy duty, return air or supply air, metal - Replace or supply and install.	EA	67.80
HA2561EV	Supply air grille / register, operable, floor, wall or ceiling mounted, non-standard size, metal, per additional grille when combined with HA2558 - Replace or supply and install.	EA	29.20
HA2562EV	Supply air grille / register, operable, floor mounted, any size, plastic - Replace or supply and install.	EA	32.00
HA2566EV	Return air grille, inoperable, floor mounted, from hardwood to standard steel, includes repair to hardwood floor as required - Replace or supply and install.	EA	200.30
HA2567EV	Grille or Register, in wall, floor or ceiling - Resecure.	EA	21.30

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### AIR OUTLETS AND INLETS - LOUVERS

SOR Code	SOR Description	Unit	Base Price
HA2578EV	Louver, aluminum, 356 mm x 610 mm (1 ft-2 in x 2 ft), includes screen - Replace or supply and install.	EA	52.50
HA2582EV	Louver, aluminum, 457 mm x 610 mm (1 ft-6 in x 2 ft), includes screen - Replace or supply and install.	EA	62.50

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### AIR OUTLETS AND INLETS - VENTS

SOR Code	SOR Description	Unit	Base Price
HA1994EV	Vent connector pipe, single wall c/w fittings and elbows (for gas fired furnaces and HWT), sizes up to and including 152.4mm (6 in) - Replace or supply and supply.	M	104.10
HA1995EV	Double wall vent pipe (B-vent), existing vent from bottom of the existing double wall vent to the basement side of the chimney chase, includes 1 ea -B- vent elbow, 1 each -B- vent draft hood connector, up to 305 mm (12 in) of -B- vent and fire stop. (For units with internal chimney chase) - Replace or supply and install.	EA	274.60
HA1996EV	Double wall vent pipe (B-vent), existing vent from bottom of the existing double wall vent to the basement side of the chimney chase, includes 1 ea -B- vent elbow, 1 each -B- vent draft hood connector, up to 305 mm (12 in) of -B- vent and fire stop. (For units with external chimney chase) - Replace or supply and install.	EA	457.60

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### **BOILERS - GENERAL**

SOR Code	SOR Description	Unit	Base Price
HA1300EV	Boiler, seasonal - Shut down.	EA	38.20
HA1310EV	Boiler, seasonal, including chemical levels adjustment. - Start up.	EA	113.70
HA1320EV	Hydronic heating, bleeder, from radiator type to manual thumb wheel type - Replace.	EA	57.20
HA1330EV	Radiator, per unit - Bleed air and re-tighten.	EA	26.10
HA1340EV	Radiator, complete unit, (max 18 Rads), per housing unit - Bleed air and re-tighten.	EA	130.10

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### HEATING & AIR CONDITIONNING

#### BOILERS - BOILER REPAIRS

SOR Code	SOR Description	Unit	Base Price
HA1420EV	Boiler, zone valve - Replace.	EA	246.40
HA1430EV	Boiler, cast iron radiator - Remove.	EA	65.90
HA1475EV	Boiler, backflow preventer - Replace.	EA	246.40
HA1480EV	Boiler, circulating pump - Replace.	EA	568.30
HA1510EV	Boiler, TandP valve, safety relief, up to 2.5 cm (1 in) - Replace.	EA	142.40
HA1515EV	Boiler, combination pressure relief and pressure regulator - Replace.	EA	284.60
HA1516EV	Boiler, combination pressure and temperature dial, 635 mm (2 ft-1 in) - Replace.	EA	142.40
HA1520EV	Boiler, automatic air vent - Replace.	EA	113.70
HA1530EV	Boiler, zone valve actuator and sensor - Replace.	EA	272.50
HA1540EV	Boiler, thermostatic radiator valve, includes control - Replace.	EA	302.80
HA1550EV	Boiler, spring coupler - Replace.	EA	76.40
HA1630EV	Boiler, expansion tank, glass sight gauge valve, brass - Replace.	EA	227.40

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### BOILERS - BOILERS UNITS AND TANKS

SOR Code	SOR Description	Unit	Base Price
HA1700EV	Boiler, medium efficiency gas, std control, 26.3 kW (90 000 BTU) - Replace.	EA	4,165.20
HA1730EV	Hydronic expansion tank - Replace.	EA	433.80

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### HEATING & AIR CONDITIONNING

#### PUMPS - CONDENSATE AND CIRCULATION

SOR Code	SOR Description	Unit	Base Price
HA1800EV	Pumps, furnace condensate pump - Replace.	EA	204.80
HA1820EV	Pumps, circulator, bearing assembly with Impeller, 1/12 hp - Replace or supply and install.	EA	341.10
HA1840EV	Pumps, circulator, 1/12 hp, whole unit complete - Replace or supply and install.	EA	927.60
HA1860EV	Pumps, circulator, coupler, cast iron, for 1/12 - 1/6 hp - Replace or supply and install.	EA	94.60
HA1890EV	Pumps, circulator, bearing assembly and motor - Check and lubricate.	EA	47.70
HA1910EV	Pumps, circulator motor, 1/12 hp - Replace or supply and install.	EA	487.70
HA1930EV	Pumps, Recirculator, 1/25 hp, complete unit - Replace or supply and install.	EA	252.40
HA1941EV	Pumps, circulator, 1/6 hp, complete unit - Replace or supply and install.	EA	1,596.60

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### HEATING & AIR CONDITIONING

#### DUCTS

SOR Code	SOR Description	Unit	Base Price
HA1060EV	Duct hangers - Repair / replace.	EA	9.60
HA1945EV	Branch lines, Y- or -T- fittings - Supply and install.	EA	94.60
HA1950EV	Duct, 200 mm x 355 mm (7 7/8 in x 1 ft-2 in) - Replace.	M	87.10
HA1955EV	Duct, 200 mm x 510 mm (7 7/8 in x 1 ft-8 in) - Replace.	M	128.70
HA1960EV	Duct elbow, 300 mm x 355 mm (11 3/4 in x 1 ft-2 in) - Replace.	EA	94.60
HA1965EV	Duct elbow, 300 mm x 510 mm (11 3/4 in x 1 ft-8 in) - Replace.	EA	136.30
HA1975EV	Duct, furnace plenum, up to 200 mm x 510 mm (7 7/8 in x 1 ft-8 in) - Replace.	EA	85.00
HA1976EV	Duct, volume damper, 30 gauge, galvanized, 177 mm to 200 mm (7 in to 7 7/8 in) - Replace or supply and install.	EA	31.50
HA1985EV	Duct reducer, up to 200 mm x 408 mm (7 7/8 in x 1 ft-4 in) to 200 mm x 355 mm (7 7/8 in x 1 ft-2 in) - Replace.	EA	94.60
HA1986EV	Furnace duct, boot on duct - Resecure.	EA	19.10
HA1987EV	Furnace, duct branch and register, 150 mm to 200 mm (6 in x 7 7/8 in) diam. Includes volume damper - Replace.	M	66.30
HA1988EV	Warm air supply runs 127 mm (5 in) including all supports, boots at main and floor, air diffusers, damper with key, including elbows and cutting of holes - Replace or supply and install.	M	69.40
HA1989EV	Warm air supply runs 152.4 mm (6 in) including all supports, boots at main and floor, air diffusers, damper with key, including elbows and cutting of holes - Replace or supply and install.	M	83.30
HA1990EV	Patch hole in duct work up to 406.4 mm x 406.4 mm (16 in x 16 in) - Supply and install.	EA	43.40
HA1991EV	Patch hole in duct work up to 406.4 mm x 406.4 mm (16 in x 16 in) if used with other HA line item - Supply and install.	EA	26.10
HA1992EV	Insulated flexible duct, up to 152.6mm (6 in), includes mounting hardware - Replace or supply and install.	M	18.50
HA1993EV	Flexible plenum adapter, any size - Replace or supply and install.	EA	173.50
HA1997EV	Fresh air duct, includes patching duct up to 406 mm x 406 mm (16 in x 16 in) - Remove and dispose.	EA	30.80

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### HEATING & AIR CONDITIONNING

#### GAS - GENERAL

SOR Code	SOR Description	Unit	Base Price
HA2010EV	Furnace, gas, high efficiency forced air, direct drive, 11.72 kW (40 MBH), 17.57 kW (60 MBH), 23.40 kW (80 MBH) or 29.3kW (100 MBH) as per CFHA representative - Replace.	EA	3,081.40
HA2020EV	Furnace, gas, high efficiency forced air, direct drive, 35.10 kW (120 MBH) including filter rack, plenum connectors, and condensate pump - Replace.	EA	3,697.80
HA2060EV	Pilot light, set / light - Check.	EA	43.40
HA2061EV	Venting, screen, size to suit, up to 3 screens per housing unit - Replace or supply and install.	EA	71.00

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### **GAS - GAS REPAIRS**

SOR Code	SOR Description	Unit	Base Price
HA2100EV	Gas furnace, spark ignitor - Replace.	EA	170.00
HA2110EV	Gas furnace, pilot burner assembly - Replace.	EA	102.40
HA2120EV	Gas furnace, automatic gas control valve - Replace.	EA	473.80
HA2130EV	Gas furnace, electric ignition system, includes control module and ignitor - Replace.	EA	662.90
HA2142EV	Gas furnace / water heater / fireplace, thermocouple, flame sensor or rod, includes relight pilot - Replace.	EA	111.00
HA2143EV	Gas furnace / water heater / fireplace, thermopile - Replace.	EA	147.50
HA2144EV	Gas furnace / water heater / fireplace, ignitor assembly - Replace.	EA	144.00
HA2150EV	Gas furnace, hot surface ignitor - Replace.	EA	175.30
HA2160EV	Gas furnace, electronic module - Replace.	EA	477.30
HA2170EV	Gas, furnace back pressure switch - Replace.	EA	161.40
HA2180EV	Gas, furnace burners and orifices - Clean, adjust and relight.	EA	94.60
HA2190EV	Gas, burner from boiler - remove.	EA	94.60
HA2210EV	Gas, burner in furnace - Replace.	EA	378.30
HA2215EV	Gas, supply flexible connector - Replace.	EA	51.20
HA2220EV	Gas, safety shut-off valve - Replace.	EA	270.80
HA2230EV	Gas, supply cock - Replace.	EA	65.90
HA2240EV	Gas, supply pressure regulator - Replace.	EA	171.80
HA2243EV	Gas leak (Tightening of fittings only), includes all fittings on affected line - Check and repair	EA	78.90

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### GAS AND OIL REPAIRS

SOR Code	SOR Description	Unit	Base Price
HA2241EV	Furnace, run capacitor for direct drive motor - Replace	EA	69.40
HA2300EV	Furnace, blower and motor combination - Replace.	EA	634.30
HA2310EV	Furnace, blower shaft and bearings - Replace.	EA	265.50
HA2312EV	Furnace, combustion air pot - Replace.	EA	94.60
HA2320EV	Furnace, fan and limit controls - Replace.	EA	197.00
HA2325EV	Furnace, fan - Repair.	EA	104.10
HA2328EV	Furnace, gas, flame sensor or flame rod - Replace.	EA	104.10
HA2330EV	Furnace, belt drive / direct drive fan motor - Replace.	EA	416.50
HA2340EV	Furnace, flow switch - Replace.	EA	314.10
HA2350EV	Furnace, low voltage fuse - Replace.	EA	38.20
HA2360EV	Furnace, pulley and belt - Replace.	EA	145.70
HA2370EV	Furnace, transformer, low voltage - Replace.	EA	85.00
HA2375EV	Furnace, fan summer / winter switch, with all associated wiring, mounted on furnace - Replace or supply and install.	EA	94.60
HA2400EV	Furnace, fan belt - Replace.	EA	43.40
HA2410EV	Furnace, CO2 and CO test (both tests) - Conduct and report.	EA	104.10
HA2420EV	Furnace, bearings on blower, per set - Replace.	EA	123.20
HA2440EV	Furnace, purge fan, Mid Efficiency - Replace.	EA	539.80
HA2445EV	Furnace, induced blower assembly, High Efficiency - Replace.	EA	805.30
HA2447EV	Furnace, drip leg - Replace.	EA	121.50
HA2450EV	Furnace, blower and pulley - Replace.	EA	302.80
HA2460EV	Furnace, blower and pulley - Remove / rework and reinstall.	EA	113.70
HA2480EV	Furnace, boiler / furnace, draft control damper, motorized - Replace.	EA	142.40
HA2485EV	Furnace, panel / door switch - Replace.	EA	57.20

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### HRV / ERC - MECHANICAL VENTILATION SYSTEMS

SOR Code	SOR Description	Unit	Base Price
HA1211EV	HRV, includes all necessary fittings and connectors and controls, set-up, and balancing - Replace.	EA	3,081.40
HA1212EV	HRV, includes all necessary ducting, fittings and connectors, controls, set-up, and balancing - Supply and install.	EA	3,697.80
HA1213EV	HRV / ERV, air intake and exhaust damper motor assembly - Replace.	EA	197.20
HA1214EV	HRV / ERV, filter core - Replace, supply and install.	EA	135.60
HA1215EV	HRV / ERV, fan motor - Replace, Supply and install.	EA	363.60
HA1216EV	HRV / ERV, main control - Replace, supply and install.	EA	219.40
HA1217EV	HRV / ERV, 20 minute timer - Replace, supply and install.	EA	40.20
HA1218EV	HRV / ERV, interior all dampers - Replace.	EA	92.40

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### PIPING - GENERAL

SOR Code	SOR Description	Unit	Base Price
HA2899EV	Gas line for gas stove, valve below floor level, includes cap off line after valve and test for leaks - Remove and relocate.	EA	132.80
HA2900EV	Rad coil, air vent, pneumatic valve - Replace.	EA	115.40
HA2910EV	Rad coil, air vent, pneumatic valve, additional in same unit when combined with HA2900 - Supply and install.	EA	57.20
HA2920EV	Element, rad coil - Clean.	EA	65.90
HA2930EV	Element, rad coil, additional in same unit when combined with HA2920 - Clean.	EA	17.30
HA2938EV	Mechanical joint, leak on drain pipe - Fix.	EA	34.70

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### **PIPING - BLACK IRON**

SOR Code	SOR Description	Unit	Base Price
HA3000EV	Pipe section, up to 51 mm (2 in) black iron - Remove.	M	37.00
HA3010EV	Pipe section, up to 19 mm (3/4 in) black iron, includes pipe stays and one fitting per cut length - Replace or supply and install.	M	78.00
HA3020EV	Pipe section, 25 mm (1 in) black iron, includes pipe stays and one fitting per cut length - Replace or supply and install.	M	80.70
HA3030EV	Pipe section, 32 mm (1 1/4 in) black iron, includes pipe stays and one fitting per cut length - Replace or supply and install.	M	112.80
HA3040EV	Pipe section, 38 mm (1 1/2 in) black iron, includes pipe stays and one fitting per cut length - Replace or supply and install.	M	116.30
HA3050EV	Pipe section, 51 mm (2 in) black iron, includes pipe stays and one fitting per length - Replace or supply and install.	M	144.00
HA3055EV	Black iron fitting, up to 19.05 mm (3/4 in) - Replace or supply and install.	EA	24.60
HA3065EV	Black iron fitting, 25.4 mm (1 in) to 31.75 mm (1 1/4 in) - Replace or supply and install.	EA	34.60
HA3075EV	Black iron fitting, 38.1 mm (1 1/2 in) to 50.8 mm (2 in) - Replace or supply and install.	EA	39.50

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### HEATING & AIR CONDITIONNING

#### **PIPING - PLASTIC**

SOR Code	SOR Description	Unit	Base Price
HA3400EV	Pipe CPVC, S636, 13 mm (1/2 in), includes one fitting or adapter per cut length - Replace or supply and install.	M	17.30
HA3420EV	Pipe CPVC, S636, 19 mm (3/4 in), includes one fitting or adapter per cut length - Replace or supply and install.	M	26.10
HA3460EV	Pipe ABS, PVC, CPVC or S636, 51 mm (2 in), includes one fitting per cut length - Replace or supply and install.	M	47.40
HA3470EV	Pipe, ABS, PVC, CPVC or S636, 75 mm (3 in), includes one fitting or adapter per each cut length - Replace or supply and install.	M	55.60
HA3480EV	Fittings, up to 51 mm (1/2 in to 2 in), ABS / PVC / CPVC / S636, per fitting - Supply and install.	EA	26.50
HA3546EV	Pipe, solvent weld, 100 mm (4 in) cap - Supply and install.	EA	26.10
HA3561EV	Concentric vent (CVENT) kit, PVC - Replace or supply and install.	EA	184.90

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### THERMOSTATS

SOR Code	SOR Description	Unit	Base Price
HA4030EV	Thermostat, low voltage, programmable - Replace.	EA	160.20
HA4042EV	Thermostat, 10 m (32 ft-9 3/4 in) maximum run - Relocate.	EA	113.70
HA4043EV	Thermostat - Resecure.	EA	49.30
HA4044EV	Thermostat, low voltage, non-programmable, includes all associated wiring and materials, up to 10 m (32 ft-9 3/4 in) - Supply and install.	EA	226.50
HA4045EV	Thermostat, low voltage, non-programmable - Replace.	EA	112.80
HA4046EV	Thermostat wiring, 18/3, 18/2. Concealed in the wall - Replace	M	10.50
HA4047EV	Thermostat wiring, 18/4, 18/5. Concealed in the wall - Replace.	M	11.20
HA4050EV	Thermostat, low voltage, programmable, includes all associated wiring and materials, up to 10 m (32 ft-9 3/4 in) - Supply and install.	EA	273.90

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024**

**HEATING & AIR CONDITIONNING**

**VALVES - PRESSURE REDUCING**

SOR Code	SOR Description	Unit	Base Price
HA4076EV	Valve, pressure reducing valve, any size - Replace or supply and install.	EA	142.40

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### HEATING & AIR CONDITIONNING

#### VENTING

SOR Code	SOR Description	Unit	Base Price
HA4100EV	Chimney, T cap, prefabricated, gas, double wall, galv. steel, 150 mm (6 in) diam. - Supply and install.	EA	142.40
HA4110EV	Chimney, T cap, prefabricated, gas, double wall, galv. steel, 150 mm (6 in) diam. - Replace.	EA	161.40
HA4142EV	Flue liner, aluminum, 102 mm (4 in) - 153 mm (6 in), includes caps and tees if required - Replace or supply and install.	M	37.80

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### GENERAL

SOR Code	SOR Description	Unit	Base Price
PL1000EV	Inspect and report on work required.	EA	45.20
PL1001EV	Coordination of multi-trade, multi-contractor tasks, per residence, per day of project activity.	EA	21.30
PL1097EV	Plastic access hatch, up to 355 mm x 355 mm (up to 14 in x 14 in), PVC, includes patch and paint surrounding area where required - Replace or supply and install.	EA	82.20
PL1098EV	Steel access hatch, 203 mm x 203 mm up to 305 mm x 305 mm (8 in x 8 in up to 12 in x 12 in), includes patch and paint surrounding area where required - Supply and install.	EA	108.10

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### SERVICE AND INSPECTION

SOR Code	SOR Description	Unit	Base Price
PL4770EV	Sump pump - Inspect and service.	EA	111.50
PL4813EV	Back Water valve device - Inspect and service.	EA	91.40
PL5200EV	Flow through residential sprinkler system, per residence - Inspect and report.	EA	96.20
PL5205EV	HWT / Sump Pump / Back Water Valve, per residence - Inspect and service.	EA	252.40
PL5220EV	Boiler - Inspect and report clean, and service.	EA	294.50

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### EXCAVATION

SOR Code	SOR Description	Unit	Base Price
PL1002EV	Backhoe / excavator and operator, per half day - Excavate and backfill.	EA	622.00
PL1003EV	Backhoe / excavator and operator, per full day - Excavate and backfill.	EA	961.20
PL1004EV	By hand - Excavate and backfill.	HR	45.20
PL1005EV	Backhoe / excavator and operator, per hour - Excavate and backfill.	EA	226.20
PL1011EV	Bobcat / excavator and operator, per hour.	EA	113.10
PL1012EV	Bobcat / excavator and operator, per half day.	EA	508.90
PL1013EV	Bobcat / excavator and operator, per full day.	EA	848.10
PL5505EV	Float fee for equipment (bobcat / excavator) includes drop off and pick up	EA	200.00
PL5510EV	Hydrovac, per hour.	EA	200.00

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024**

**PLUMBING**

**WINTERIZING / DEWINTERIZING**

<b>SOR Code</b>	<b>SOR Description</b>	<b>Unit</b>	<b>Base Price</b>
PL1008EV	Boiler system (blow supply and returns with compressed air until void of water and / or treated water) - Drain.	EA	167.60
PL1010EV	Winterize house, includes drain all water lines, anti-freeze all traps, purge all water lines with compressed air until void of water. To be used after closure of curb stop by Authority Having Jurisdiction.	EA	73.80
PL1020EV	De-winterize house, turn on water, check all fixtures, light all pilots. To be used after opening of curb stop by Authority Having Jurisdiction.	EA	63.70

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### PIPE THAWING AND ASSOCIATED REPAIR

SOR Code	SOR Description	Unit	Base Price
PL1025EV	Frozen or damaged pipe, 12.7 mm - 19 mm (1/2 in - 3/4 in) copper includes any fittings required, one split - Repair.	EA	48.00
PL1027EV	Frozen or damaged pipe, 12.7 mm - 19 mm (1/2 in - 3/4 in) copper includes any fittings required, each additional split when combined with PL1025 - Repair.	EA	30.10
PL1035EV	Pipe, frozen. Per housing unit (1 hour on site) - Thaw.	EA	83.90
PL1067EV	Roof vent - Thaw.	EA	63.70

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### **FLOOD / SEWER BACK UP**

SOR Code	SOR Description	Unit	Base Price
PL1070EV	Flood / sewer back up, includes assessment, drying and clean up, for basement floors impacted by sewer back up/flood, per vacant RHU - Restore.	EA	565.40
PL1080EV	Flood / sewer back up, includes assessment, drying and clean up, for basement floors impacted by sewer back up/flood, per occupied RHU - Restore.	EA	678.50
PL1085EV	Flood / sewer back up, by IICRC certified firm, including assessment, development of a plan and drying goals, drying and clean up, for basement floors and equipment impacted by sewer back up/flood, per vacant RHU - Restore.	EA	1,696.20
PL1086EV	Flood / sewer back up, by IICRC certified firm, including assessment, development of a plan and drying goals, drying and clean up, for basement floors and equipment impacted by sewer back up/flood, per occupied RHU - Restore.	EA	2,261.60
PL1091EV	Flood / sewer back up, by IICRC certified firm, including assessment, development of a plan and drying goals, drying and clean up, for basement floors, equipment and building materials impacted by sewer back up/flood, per vacant RHU - Restore.	EA	2,827.00
PL1092EV	Flood / sewer back up, by IICRC certified firm, including assessment, development of a plan and drying goals, drying and clean up, for basement floors, equipment and building materials impacted by sewer back up/flood, per occupied RHU - Restore	EA	3,392.50

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### **AUGERING AND CAMERA**

SOR Code	SOR Description	Unit	Base Price
PL1028EV	Drain tile (perimeter foundation drain) up to 30 m (100 ft) - Auger and flush.	EA	167.60
PL1029EV	Drain tile (perimeter foundation drain), additional increments of 15 m (50 ft) when combined with PL1028 - Auger and flush.	EA	42.10
PL1030EV	Sanitary sewer lateral, from main clean out, up stack or towards street main, up to 15 m (50 ft) - Auger.	EA	164.30
PL1032EV	Sanitary sewer lateral, from fixture to main stack, per fixture - Auger.	EA	91.40
PL1034EV	Sanitary sewer lateral, from fixture to main stack, per additional fixture when combined with PL1032 - Auger.	EA	55.40
PL1050EV	Sanitary sewer lateral, up to 30 m (100 ft) - Auger.	EA	184.40
PL1060EV	Sanitary sewer lateral, additional increments of 15 m (50 ft) when combined with PL1050 - Auger.	EA	67.10
PL1063EV	Sanitary sewer lateral, up to 30 m (100 ft) in length - Camera and provide report.	EA	264.80
PL1064EV	Sanitary sewer laterals - Power flush.	EA	251.50

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024**

**PLUMBING**

**CURB STOP**

<b>SOR Code</b>	<b>SOR Description</b>	<b>Unit</b>	<b>Base Price</b>
PL1105EV	Curb stop - Locate	EA	33.50
PL1110EV	Curb stop - Locate and / or open and / or close.	EA	45.30
PL1115EV	Curb stop - Open and close.	EA	33.50

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### FLEXIBLE COUPLINGS

SOR Code	SOR Description	Unit	Base Price
PL1130EV	Fernco coupling, any size or combination, up to 76.2 mm X 101.6 mm (3 in x 4 in) - Replace or supply and install.	EA	31.20
PL1135EV	Fernco coupling, 76.2 mm x 101.6 mm (3 in x 4 in) up to 101.6mm X 101.6mm (4 in X 4 in) - Replace or supply and install.	EA	33.50
PL1137EV	Fernco coupling, 101.6mm X 106 mm (4 in X 4 in) up to 101.6 mm X 152 mm (4 in x 6 in) - Replace or supply and install.	EA	38.00

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### COCKS

SOR Code	SOR Description	Unit	Base Price
PL1222EV	Hose bib, washer - Replace or supply and install.	EA	36.00
PL1240EV	Recessed connection box, washer, includes hose bibs - Replace.	EA	134.10
PL1250EV	Sillcock - Replace.	EA	73.80
PL1260EV	Sillcock - Remove.	EA	27.60
PL1265EV	Sillcock, non-freeze. Includes vaccum breaker self draining, up to 355.6 mm (14 in) in length, excludes drilling hole - Replace or supply and install.	EA	108.90
PL1270EV	Sillcock vaccum breaker, self draining, on existing sillcocks - Supply and install.	EA	41.90
PL1275EV	Sillcock, handle - Replace or supply and install.	EA	27.60

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024**

**PLUMBING**

**CORING**

<b>SOR Code</b>	<b>SOR Description</b>	<b>Unit</b>	<b>Base Price</b>
PL5500EV	Hole, up to 152 mm (6 in) diameter, masonry, through brick or block - Core	EA	226.20
PL5520EV	Hole, up to 152 mm (6 in) diameter, wood assembly - Core	EA	55.70

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### FIXTURES - GENERAL

SOR Code	SOR Description	Unit	Base Price
PL1099EV	Single lever faucet cartridge (under lifetime warranty) - Replace.	EA	36.90
PL1100EV	Faucet cartridge (2 handle), includes seats per pair - Replace.	EA	70.40
PL1300EV	Drain, pop up mechanism - Adjust-rework.	EA	25.90
PL1310EV	Drain, stopper and chain - Replace.	EA	19.20
PL1320EV	Faucet, hot and cold indicators - Replace.	EA	12.00
PL1335EV	Faucet, O rings, per faucet - Replace and lubricate.	EA	30.20
PL1340EV	Faucet, washers and O rings and seats, per pair - Replace.	EA	45.30
PL1346EV	Fixture, porcelain chips, per fixture - Repair.	EA	87.90
PL1381EV	Supply line, flexible, up to 508 mm (20 in), braided - Replace or supply.	EA	26.80
PL1382EV	Supply line, flexible, up to 348 mm (12 in), braided - Replace or supply.	EA	18.40
PL1383EV	Supply line, 9 mm x 13 mm (3/8 in x 1/2 in) compression adaptor, flex lines - Replace.	EA	18.10
PL1386EV	Supply lines, flexible, braided, any length, when using with another PL code - Replace.	EA	18.10
PL1387EV	Escutcheon ring, any size - Replace or supply and install.	EA	13.40
PL1390EV	Tap aerator - Replace.	EA	18.10
PL1395EV	Dishwasher hook-up, includes all pipes, connectors, supply and drain fittings, within 1524 mm (5 ft) from sink - Supply and install.	EA	228.80
PL1396EV	Fixture / valve, per fixture - Retighten or secure.	EA	12.00
PL1397EV	Dishwasher hook-up, drain cap - Supply and install.	EA	16.90
PL4090EV	P-trap, ABS, adjustable, less cleanout, 2 union type, 32 mm to 51 mm (1 1/4 in to 2 in) - Replace or supply and install.	EA	50.30

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### **FIXTURES - BATHROOM DRAINS**

SOR Code	SOR Description	Unit	Base Price
PL1400EV	Drain, P-trap, includes removal and re-fit mechanical - Unclog.	EA	55.40
PL1410EV	Drain, P-trap, chrome or ABS, 31.75 mm (1-1/4 in), with same as per CFHA representative - Replace.	EA	27.60
PL1430EV	Drain, P-trap adapter, ABS, 38 mm x 31.75 mm (1 1/2 in x 1 1/4 in) - Replace.	EA	18.40
PL1440EV	Drain, patented overflow, plug and chain - Replace.	EA	69.60
PL1450EV	Drain, patented overflow, pop-up - Replace.	EA	82.20
PL1460EV	Drain, tailpiece, 31.75 mm (1-1/4 in) - Replace.	EA	36.90
PL1470EV	Drain, tailpiece extension, 31.75 mm (1-1/4 in) - Replace or supply and install.	EA	35.20
PL1490EV	Drain, tailpiece gasket and / or tailpiece nut, 31.75 mm (1-1/4 in) - Replace.	EA	33.50
PL1495EV	Drain, bathroom, waste and P-trap union trap with cleanout, includes complete patented overflow, all ABS pipe and fittings (including if required a 38 mm (1 1/2 in) Fernco adapter and trap adapter) - Replace.	EA	108.90

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024****PLUMBING****FIXTURES - BATHROOM FAUCETS**

<b>SOR Code</b>	<b>SOR Description</b>	<b>Unit</b>	<b>Base Price</b>
PL1610EV	Faucet, bathroom - Remove and reinstall or remove and dispose.	EA	36.90
PL1620EV	Faucet, bathroom, single lever - Replace.	EA	238.10
PL1630EV	Faucet, bathroom, two handle - Replace.	EA	137.40
PL1640EV	Faucet, bathroom, handle set, per set - Replace	EA	36.90
PL1642EV	Faucet, bathroom, cartridge, washerless, per pair - Replace.	EA	73.80
PL1644EV	Faucet, bathroom, cartridge, washerless - Replace.	EA	46.10
PL1650EV	Faucet, bathroom, cartridge (two handle), per set - Replace.	EA	61.20
PL1660EV	Faucet, bathroom, cartridge (single lever) - Replace.	EA	109.80
PL1661EV	Faucet, bathroom, handle, single lever - Replace.	EA	38.00
PL1665EV	Faucet, bathroom, washers and valve stem O rings, all, per set complete - Replace.	EA	36.90

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024****PLUMBING****FIXTURES - BATHROOM SINKS**

<b>SOR Code</b>	<b>SOR Description</b>	<b>Unit</b>	<b>Base Price</b>
PL1700EV	Basin - Remove.	EA	36.90
PL1710EV	Basin and faucet - Remove and reinstall.	EA	82.20
PL1720EV	Basin, wall hung, includes braided flexible supply lines - Replace or supply and install.	EA	247.20
PL1740EV	Basin, pedestal, includes braided flexible supply lines - Replace or supply and install.	EA	320.20
PL1760EV	Basin, for vanity, enamel steel, includes braided flexible supply lines - Replace or supply and install.	EA	201.20
PL1800EV	Basin and faucet - Secure.	EA	27.60
PL1810EV	Basin, wall hung - Secure.	EA	55.40

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### FIXTURES - BATHROOM VANITIES

SOR Code	SOR Description	Unit	Base Price
PL1812EV	Vanity top, includes all plumbing disconnections / reconnections - Remove and reinstall.	EA	100.50
PL1813EV	Vanity / laundry tub / pedestal sink includes all plumbing / fixtures disconnections / reconnections - Remove and reinstall.	EA	91.40
PL1814EV	Countertop with integrated bowl for bathroom vanity, up to 635 mm x 635 mm (2 ft-1 in x 2 ft-1 in) - Replace.	EA	309.90
PL1816EV	Countertop with integrated bowl for bathroom vanity, over to 635 mm x 635 mm (2 ft-1 in x 2 ft-1 in) - Replace.	EA	413.20
PL1820EV	Vanity and countertop, any size - Remove and dispose.	EA	67.10

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024****PLUMBING****FIXTURES - BATHTUBS**

<b>SOR Code</b>	<b>SOR Description</b>	<b>Unit</b>	<b>Base Price</b>
PL1900EV	Bathtub, enameled steel, includes new waste and overflow - Replace.	EA	823.00
PL1902EV	Bathtub, acrylic / fibreglass, includes new waste and overflow - Replace.	EA	1,037.00
PL1905EV	Bathtub / shower, 3 piece, acrylic / fibreglass, includes new waste and overflow - Replace or supply and install.	EA	2,743.10
PL1906EV	Bathtub / shower, 2 piece, acrylic / fibreglass, includes new waste and overflow - Replace or supply and install.	EA	2,133.50
PL1910EV	Bathtub / shower, any type - Remove and dispose.	EA	135.50
PL1912EV	Bathtub / shower, any type - Remove and reinstall.	EA	338.80
PL1914EV	Bathtub reversal, in addition to supply and install or replace, when used with PL1900 -PL1906 - Remove and reinstall.	EA	313.40
PL1940EV	Bathtub / shower dress / trim kit , per set - Remove and reinstall.	EA	55.40

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### FIXTURES - BATHTUB DRAINS

SOR Code	SOR Description	Unit	Base Price
PL2010EV	Drain stopper, pop-up drain, stopper and rod - Adjust.	EA	36.90
PL2020EV	Drain stopper, pop-up drain, stopper and rod - Replace or supply and install.	EA	82.20
PL2030EV	Waste and overflow - Reseal.	EA	55.40
PL2040EV	Waste and overflow, Includes 38 mm (1 1/2 in) ABS trap union type less clean out and 38 mm x 38 mm (1 1/2 in x 1 1/2 in) Fernco - Replace.	EA	142.50
PL2050EV	Drain stopper, plug and chain - Replace or supply and install.	EA	19.20
PL2060EV	Drain stopper, tip toe drain stop - Replace or supply and install.	EA	33.50

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### **FIXTURES - BATHTUB FAUCETS**

SOR Code	SOR Description	Unit	Base Price
PL2100EV	Bathtub spout without diverter - Replace.	EA	58.90
PL2110EV	Bathtub spout with diverter - Replace.	EA	67.70
PL2112EV	Bathtub faucet, Delta repair kit - Supply and install.	EA	58.90
PL2120EV	Bathtub / shower faucet, 2 handle, includes spout, shower head and arm and all necessary connections, fittings and Tub and Shower rough-in - Replace.	EA	272.60
PL2130EV	Bathtub / shower faucet, single lever, with temperature balance, includes spout, shower head and arm, Trim Kit, all required connections and fittings and Tub and Shower rough-in - Replace.	EA	408.00
PL2140EV	Bathtub / shower, diverter valve (entire valve) - Replace.	EA	106.80
PL2150EV	Bathtub / shower, diverter valve, includes removal, lubrication and reinstallation - Clean.	EA	80.20
PL2160EV	Bathtub / shower, diverter spout set - Remove and reset.	EA	39.20
PL2161EV	Bathtub / shower, single lever handle - Replace.	EA	64.80
PL2180EV	Bathtub / shower faucet, handle set, per set - Replace	EA	39.20
PL2185EV	Bathtub / shower faucet, dress / trim kit - Replace.	EA	115.70

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024****PLUMBING****FIXTURES - KITCHEN FAUCETS**

<b>SOR Code</b>	<b>SOR Description</b>	<b>Unit</b>	<b>Base Price</b>
PL2500EV	Faucet, kitchen, 2 handle - Replace.	EA	164.30
PL2520EV	Faucet, kitchen, spout, includes related o-rings and fittings - Replace.	EA	63.70
PL2530EV	Faucet, kitchen, spray hose, with spray head - Replace.	EA	50.30
PL2540EV	Faucet, kitchen, single lever - Replace.	EA	228.80
PL2560EV	Faucet, kitchen - Remove and dispose.	EA	30.10
PL2570EV	Faucet, kitchen - Remove and reinstall.	EA	63.70
PL2590EV	Faucet, kitchen, cartridge, single lever - Replace.	EA	109.80
PL2610EV	Faucet, kitchen, handles, per set - Replace.	EA	36.90
PL2624EV	Faucet, kitchen, lever cap for faucet - Replace.	EA	40.30
PL2626EV	Faucet, kitchen, single lever handle - Replace.	EA	64.00

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### **FIXTURES - KITCHEN DRAINS**

SOR Code	SOR Description	Unit	Base Price
PL2700EV	Drain, kitchen, crumb cup - Replace.	EA	18.10
PL2710EV	Drain, kitchen, basket strainer complete with crumb cup, tail piece and tail piece gasket - Replace.	EA	63.70
PL2720EV	Drain, kitchen, tail piece gasket, 38 mm (1 1/2 in) - Replace.	EA	27.60
PL2730EV	Drain, kitchen, tail piece nut, 38 mm (1 1/2 in) - Replace.	EA	29.30
PL2732EV	Drain, P-trap, ABS or chrome, 31.75 mm to 38 mm (1 1/4 in to 1 1/2 in), (2 union type without cleanout) - Replace.	EA	38.00
PL2733EV	Drain, kitchen, single bowl, waste and P-trap union trap with cleanout, includes complete strainer assembly, dishwasher WYE, all ABS pipe and fittings (including if required a 38 mm (1 1/2 in) Fernco adapter and trap adapter) - Replace.	EA	108.90
PL2735EV	Drain, kitchen, double bowl, waste and P-trap union traps less cleanouts, includes complete strainer assembly, dishwasher WYE, all ABS pipe and fittings ( including if required a 38 mm (1 1/2 in) Fernco adapter and trap adapters) - Replace.	EA	163.50

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024****PLUMBING****FIXTURES - KITCHEN SINKS**

<b>SOR Code</b>	<b>SOR Description</b>	<b>Unit</b>	<b>Base Price</b>
PL2800EV	Kitchen sink - Remove and dispose.	EA	36.90
PL2805EV	Countertop cut-out for kitchen sink, includes drilling for faucets if necessary - Cut-out.	EA	34.70
PL2810EV	Kitchen sink, stainless steel, single bowl, ledge back. Includes strainer basket, tailpiece, tailpiece nut, and top hat gasket - Replace or supply and install.	EA	292.50
PL2820EV	Kitchen sink, stainless steel, double bowl (1 large and 1 small space saving OR 2 standard size), ledge back. Includes strainer baskets, tailpiece, tailpiece nut, and top hat gasket - Replace or supply and install.	EA	457.60
PL2862EV	Kitchen sink, includes new sealant - Remove or reinstall.	EA	80.50
PL2870EV	Kitchen sink and faucet, includes new sealant - Remove and reinstall.	EA	108.90
PL2880EV	Kitchen sink and faucet - Secure.	EA	27.60
PL2890EV	Kitchen sink, cover plate for fixture hole - Replace or supply and install.	EA	27.60

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### FIXTURES - LAUNDRY TUBS

SOR Code	SOR Description	Unit	Base Price
PL3010EV	Laundry tub, single, PVC, 457 mm - 610 mm (18 in - 24 in), as per specification - Replace or supply and install.	EA	222.30
PL3040EV	Laundry tub - Remove and dispose.	EA	55.40
PL3059EV	Laundry tub faucet, complete with automatic trap seal primer drain, includes brass nipple with vinyl drain (excludes excavation) - Replace or supply and install.	EA	126.20
PL3060EV	Laundry tub faucet - Replace or supply and install.	EA	117.30
PL3061EV	Laundry tub faucet spout - Replace.	EA	30.50
PL3063EV	Laundry tub faucet - Resecure to wall.	EA	15.20
PL3070EV	Laundry tub faucet - Remove and dispose.	EA	27.60
PL3071EV	Laundry, standpipe, when used with replace laundry tub code, includes new P-trap and all associated fittings - Replace or supply and install.	EA	30.50
PL3072EV	Laundry, standpipe, includes new P-trap and all associated fittings - Supply and install.	EA	83.90
PL3091EV	Laundry drain, single bowl, waste and P-trap less cleanout, includes all ABS pipe and fittings, 2 unions, complete strainer assembly if necessary, fernco and trap adapter as required - Replace.	EA	108.90
PL3092EV	Laundry drain, double bowl, waste and P-trap less cleanout, includes all ABS pipe and fittings, 2 unions, complete strainer assembly if necessary, fernco and trap adapter as required - Replace.	EA	163.50
PL5230EV	Laundry tub, includes levelling - Resecure to wall.	EA	35.20

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024**

**PLUMBING**

**FIXTURES - SHOWERS**

SOR Code	SOR Description	Unit	Base Price
PL3100EV	Shower head, brass, Low flow - Replace or supply and install.	EA	90.10
PL3140EV	Shower head, hand held - Supply and install.	EA	91.40

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### **FIXTURES - WATER CLOSETS (TOILETS) - GENERAL**

SOR Code	SOR Description	Unit	Base Price
PL3212EV	Water closet, tank to bowl gasket, kit includes washers, nuts and bolts. Can't Leak or approved acceptable alternative - Replace.	EA	36.90
PL3215EV	Water closet, includes remove and replace if required, includes new wax ring and flange bolts - Un-plug.	EA	90.10
PL3230EV	Water closet, (when used with another PL code), includes new wax ring - Remove and reinstall.	EA	72.70
PL3240EV	Water closet, includes lined tank, seat, wax seal, flexible braided supply, all interior mechanisms, tank to bowl gasket and tank Bolts and flange bolts - Replace.	EA	439.10
PL3245EV	Water closet, elongated tall barrier free design, includes lined tank, seat, wax seal, flexible braided supply, all interior mechanisms, tank to bowl gasket and tank Bolts and flange bolts - Replace or supply and install.	EA	540.90
PL3250EV	Water closet, includes new braided flexible supply, new wax ring and flange bolts - Remove and reinstall.	EA	132.20
PL3260EV	Water closet, bowl - Secure.	EA	27.60
PL3295EV	Water closet, tank lid - Replace.	EA	63.70
PL3298EV	Water closet, lead stubs, includes changing brass flange - Redress.	EA	36.90
PL3299EV	Water closet - Remove and dispose.	EA	50.30

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### FIXTURES - WATER CLOSET - REPAIRS

SOR Code	SOR Description	Unit	Base Price
PL1500EV	Water closet flange, includes removal and re-install of water closet and new wax seal - Resecure	EA	78.10
PL1510EV	Water closet, extra wax seal when used with another PL code - Supply and install.	EA	8.40
PL1520EV	Water closet drain, ABS flange, includes removal and re-install of water closet and new wax seal- Replace.	EA	73.80
PL3300EV	Water closet, ball cock - Replace.	EA	55.40
PL3310EV	Water closet, bowl caps, per pair - Supply and install.	EA	10.90
PL3330EV	Water closet, douglas valve, (flush valve), includes gasket, and flapper - Replace.	EA	63.70
PL3340EV	Water closet, flapper - Replace.	EA	24.00
PL3350EV	Water closet, float and rod - Replace.	EA	30.10
PL3360EV	Water closet, handle and arm - Replace.	EA	24.00
PL3370EV	Water closet, lead bend, with ABS plastic, includes removal and re-install of water closet, new wax ring and all necessary piping and couplings to stack - Replace.	EA	480.70
PL3380EV	Water closet, wax ring, with 'can't leak' wax ring, includes flange bolts and removal and re-install of water closet - Replace.	EA	63.70

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024****PLUMBING****HOT WATER TANKS (HWT) - GENERAL**

<b>SOR Code</b>	<b>SOR Description</b>	<b>Unit</b>	<b>Base Price</b>
PL3412EV	HWT - Remove and reinstall	EA	180.30
PL3418EV	HWT, anode rod - Replace.	EA	92.30
PL3422EV	HWT, rinse out sediment - Flush.	EA	74.50
PL3440EV	HWT, T and P valve, any size - Replace.	EA	108.20
PL3441EV	HWT, drain valve, with bronze valve - Replace.	EA	101.50
PL3450EV	HWT, dielectric union - Replace.	EA	44.00
PL3460EV	HWT, dip tube and 2 dielectric unions - Replace.	EA	82.90
PL3632EV	Thermostatic Mixing Valve, Master Mixing Valve, at the HWT, maximum setting 49 C, includes piping, adapters and all fittings - Replace or supply and install.	EA	211.50
PL3643EV	HWT pan - Replace or supply and install.	EA	84.20

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### HOT WATER TANKS (HWT) - GAS

SOR Code	SOR Description	Unit	Base Price
PL3599EV	HWT, gas burner assembly - Replace.	EA	148.00
PL3600EV	HWT, gas, hot surface ignitor - Replace.	EA	170.90
PL3605EV	HWT, gas, flame rod sensor - Replace.	EA	101.60
PL3610EV	HWT, gas, vapour sensor - Replace.	EA	28.30
PL3620EV	HWT, gas valve on power vented tanks - Replace or supply and install.	EA	480.70
PL3621EV	HWT, FVIR technology, gas, zinc coated, conventional vent, 150 L (33 gal.), includes replacement of TandP valves, 2 dielectric unions, adapters and all fittings - Replace.	EA	1,028.80
PL3631EV	HWT, FVIR technology, gas, zinc coated, conventional vent, 180 L (40 gal.), includes replacement of TandP valves, 2 dielectric unions, adapters and all fittings - Replace	EA	1,162.50
PL3635EV	HWT, gas, power ventor - Replace.	EA	550.00
PL3636EV	HWT, FVIR technology, gas, zinc coated, direct or power vented as per CFHA representative, 150 L (33 gal.) , includes replacement of TandP valves, 2 unions, adapters and all fittings - Replace.	EA	1,307.60
PL3637EV	HWT, FVIR technology, gas, zinc coated, direct or power vented as per CFHA representative, 180 L (40 gal.) includes replacement of TandP valves, 2 unions, adapters and all fittings - Replace.	EA	1,538.30
PL3638EV	HWT, FVIR technology, gas, zinc coated, direct or power vented as per CFHA representative, 190 L (42 gal.) includes replacement of TandP valves, 2 unions, adapters and all fittings - Replace.	EA	1,778.70
PL3641EV	HWT, FVIR technology, gas, zinc coated, conventional vent, 190 L (42 gal.), includes replacement of TandP valves, 2 dielectric unions, adapters and all fittings - Replace.	EA	1,402.90

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### PIPING - GENERAL

SOR Code	SOR Description	Unit	Base Price
PL1065EV	Piping, water hammer shock absorber - Replace or supply and install.	EA	88.00
PL3760EV	Drain cover, floor, any size, perforated - Replace.	EA	33.50
PL3780EV	Pipe supports, strap, perforated metal - Supply and install.	EA	11.80
PL3790EV	Pipe, galvanized, includes fittings - Remove and dispose.	M	16.80
PL3850EV	Pipe, water, foam insulation, up to 25 mm (1 in) - Replace or supply and install.	M	9.70

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### PIPING - MJ CLAMPS

SOR Code	SOR Description	Unit	Base Price
PL3710EV	MJ Clamps, mechanical joint, 38 mm (1 1/2 in) - Replace or supply and install.	EA	18.40
PL3730EV	MJ Clamps, mechanical joint, 51 mm (1 in) - Replace or supply and install.	EA	25.90
PL3750EV	MJ Clamps, mechanical joint, 75 mm (3 in) - Replace or supply and install.	EA	36.90
PL3755EV	MJ clamps, mechanical joint, 100 mm (4 in) - Replace or supply and install.	EA	47.00
PL3770EV	MJ leak on drain pipe - Repair.	EA	33.80

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### PIPING - PLASTIC

SOR Code	SOR Description	Unit	Base Price
PL3900EV	Pex tubing, 13mm (1/2 in), includes all fittings and adaptors - Replace.	M	31.70
PL3905EV	Pex tubing, 19mm (3/4 in), includes all fittings and adaptors - Replace.	M	40.70
PL3910EV	Pex tubing, 25mm (1 in), includes all fittings and adaptors - Replace.	M	57.60
PL3920EV	Pipe, cast iron / copper, galvanized / DWV, with ABS plastic, 51 mm (2 in), including all fittings and adaptors - Replace.	M	104.50
PL3930EV	Pipe, cast iron / copper / galvanized / DWV, with ABS plastic, 32 mm to 75 mm (1 1/4 in to 3 in), including all fittings and adaptors - Replace.	M	121.70
PL3940EV	Pipe, ABS, PVC, CPVC or S636 , 32 mm (1 1/4 in), includes one fitting adapter per each cut length - Supply and install.	M	37.80
PL3950EV	Pipe, ABS, PVC, PVC or S636, 32 mm to 38 mm (1 1/4 in to 1 1/2 in), includes one fitting or adapter per each cut length - Replace or supply and install.	M	33.10
PL3960EV	Pipe ABS, PVC, CPVC or S636, 51 mm (2 in), includes one fitting per cut length - Replace or supply and install.	M	47.40
PL3970EV	Pipe, ABS, PVC, CPVC or S636, 75 mm (3 in), includes one fitting or adapter per each cut length - Replace or supply and install.	M	55.60
PL3980EV	Pipe, ABS, PVC, CPVC or S636, 100 mm (4 in), includes one fitting or adapter per each cut length - Replace or supply and install.	M	67.10
PL4000EV	Pipe, drainage, PVC, 3 m (10 ft) lengths, SDR 35, 100 mm (4 in) diameter, does not include excavating - Replace or supply and install.	M	32.30
PL4005EV	Pipe PVC schedule 40, 13 mm (1/2 in), includes one fitting or adapter per cut length - Replace or supply and install.	M	33.50
PL4007EV	Pipe PVC schedule 40, 19 mm (3/4 in), includes one fitting or adapter per cut length - Replace or supply and install.	M	41.90

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### PIPING - PLASTIC - FITTINGS

SOR Code	SOR Description	Unit	Base Price
PL1120EV	Lead and oakum joint in cast iron pipe and replace with a ABS adapter and PC4 - Replace.	EA	125.70
PL3973EV	Fittings, up to 51 mm (2 in), ABS / PVC / CPVC / S636, per fitting - Supply and install.	EA	26.50
PL3975EV	Fittings, 75 mm (3 in) ABS, PVC, CPVC, S636 - Replace or supply and install.	EA	33.80
PL3977EV	Fittings, 100 mm (4 in) ABS, PVC, CPVC, S636 - Replace or supply and install.	EA	39.50

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### PIPING - PLASTIC - EXPENSION JOINTS

SOR Code	SOR Description	Unit	Base Price
PL4010EV	Pipe, expansion joint, ABS, up to 51 mm (2 in) - Replace or supply and install.	EA	55.40
PL4030EV	Pipe, expansion joint, ABS, 76 mm (3 in) - Replace or supply and install.	EA	69.60

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### PIPING - PLASTIC - SOLVENT WELD

SOR Code	SOR Description	Unit	Base Price
PL4125EV	Pipe, solvent weld, 100 mm (4 in) TY or 45 degree Y, 45 degree bend, 90 degree bend, 22 degree bend - Replace or supply and install.	EA	58.70
PL4150EV	Pipe, solvent weld, 100 mm (4 in) coupling - Supply and install.	EA	67.10
PL4155EV	Pipe, solvent weld, 100 mm (4 in) cleanout - Supply and install.	EA	55.40
PL4160EV	Pipe, solvent weld, 100 mm (4 in) ABS x PVC connector - Supply and install.	EA	36.90

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### PIPING - COPPER

SOR Code	SOR Description	Unit	Base Price
PL4210EV	Pipe, copper, all sizes, includes fittings - Remove and dispose.	M	7.40
PL4212EV	Pipe, adapter, 38 mm (1 1/2 in) ABS to 38 mm (1 1/2 in) copper - Replace or supply and install.	EA	36.90
PL4216EV	Pipe, adapter, 13 mm (1/2 in) to 19 mm (3/4 in) - Replace or supply and install.	EA	25.40
PL4220EV	Pipe, copper, clips (13 mm, 19 mm, 25 mm) (1/2 in, 3/4 in, 1 in) - Replace or supply and install.	EA	1.20
PL4240EV	Pipe, copper, P-trap, 38 mm (1 1/2 in) - Replace.	EA	97.20
PL4250EV	Pipe, copper, 3.2 mm (1/8 in), includes clips and one fitting per cut length - Replace or supply and install.	M	13.40
PL4280EV	Pipe, copper, 6.4 mm (1/4 in) - Replace.	M	16.90
PL4290EV	Pipe, copper, 13 mm (1/2 in), includes clips and one fitting per cut length - Replace or supply and install.	M	40.60
PL4310EV	Pipe, copper, 19 mm (3/4 in), includes clips and one fitting per cut length - Replace or supply and install.	M	77.50
PL4330EV	Pipe, copper, 25 mm (1 in), includes clips and one fitting per cut length - Replace or supply and install.	M	81.20
PL4350EV	Pipe, copper, 32 mm (1 1/4 in), includes clips and one fitting per cut length - Replace or supply and install.	M	102.60
PL4410EV	Pipe, copper, 51 mm (2 in), includes clips and one fitting per cut length - Replace or supply and install.	M	126.60
PL4420EV	Pipe / tubing, copper, 19.05 mm (3/4 in) Soft, Type K - Replace or supply and install.	M	41.90

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024****PLUMBING****PIPING - COPPER - FITTINGS**

<b>SOR Code</b>	<b>SOR Description</b>	<b>Unit</b>	<b>Base Price</b>
PL4440EV	Fittings, all types, 13 mm - 25 mm (1/2 in - 1 in), copper, per fitting for first fitting - Replace or supply and install.	EA	28.10
PL4441EV	Fittings, all types, 13 mm - 25 mm (1/2 in - 1 in), copper, per additional fitting when combined with PL4440 - Replace or supply and install.	EA	12.00
PL4450EV	Fittings, all types, 32 mm - 51 mm (1 1/4 in - 2 in), copper, per fitting - Replace or supply and install.	EA	55.80
PL4451EV	Fittings, all types, 32 mm - 51 mm (1 1/4 in - 2 in), copper, per additional fitting when combined with PL4450 - Replace or supply and install.	EA	12.00

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### SUMP PUMPS

SOR Code	SOR Description	Unit	Base Price
PL4705EV	Sump pump, pedestal, light duty - Replace.	EA	238.10
PL4710EV	Sump pump, pedestal, heavy duty - Replace.	EA	362.10
PL4720EV	Sump pump, submersible, includes pit, trench and lateral (7.5 m), air sealed removable lid, electrical, all fittings and adaptors as per specification - Install.	EA	2,823.90
PL4725EV	Sump pump, submersible, trench and lateral, additional meter - Install.	M	119.80
PL4730EV	Sump pump, submersible - Replace.	EA	329.40
PL4785EV	Check valve, ABS, 38.1mm (1-1/2 in) and fittings. Lift check valve - Replace or supply and install.	EA	67.10

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### VALVES - GENERAL

SOR Code	SOR Description	Unit	Base Price
PL4850EV	Water Valve, supply valve, humidifier - Remove and repair / cap.	EA	36.00
PL4870EV	PRV on domestic water service line. 13 mm,19 mm (1/2 in , 3/4 in) - Supply and install.	EA	125.70
PL4880EV	Pressure gauge (0 -120 PSI) (0 -827 kPa) on domestic water service line. 13mm,19mm (1/2 in, 3/4 in) - Supply and install.	EA	41.90

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024**

**PLUMBING**

**VALVES - ANGLE STOP VALVES**

<b>SOR Code</b>	<b>SOR Description</b>	<b>Unit</b>	<b>Base Price</b>
PL4800EV	Angle stop valve, water supply - Remove.	EA	30.10
PL4804EV	Angle stop valve - Replace.	EA	48.00

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### VALVES - BACKWATER

SOR Code	SOR Description	Unit	Base Price
PL4810EV	Backwater valve, floor drain type, any size - Replace or supply and install.	EA	82.20
PL4811EV	Backwater Valve, Main house sanitary sewer line - Replace or supply and install.	EA	422.10
PL4812EV	Backwater Valve and Access Box, Main house sanitary sewer line - Replace or supply and install.	EA	850.30

**CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024****PLUMBING****VALVES - BALL VALVES**

<b>SOR Code</b>	<b>SOR Description</b>	<b>Unit</b>	<b>Base Price</b>
PL4805EV	Chrome fixture valve, mini ball valve, straight or angle, 13 mm (1/2 in) - Replace or supply and install.	EA	26.80
PL4807EV	Chrome fixture valve, mini ball valve, straight or angle, 13 mm (1/2 in), includes braided supply lines up to 508 mm (20 in) in length - Replace or supply and install.	EA	48.60
PL4900EV	Valve, ball valve, 13 mm (1/2 in) - Replace or supply and install.	EA	46.60
PL4920EV	Valve, ball valve, 19 mm (3/4 in) - Replace or supply and install.	EA	55.80
PL4940EV	Valve, ball valve, 25 mm (1 in) - Replace or supply and install.	EA	64.30
PL4950EV	Valve, ball valve, 31.75 mm (1 1/4 in) or 38.1 mm (1 1/2 in) - Replace or supply and install.	EA	106.50

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### VALVES - COMPRESSION VALVES

SOR Code	SOR Description	Unit	Base Price
PL5000EV	Valve, compression stop, 13 mm (1/2 in) - Replace or supply and install.	EA	64.30
PL5020EV	Valve, compression stop, 19 mm (3/4 in) - Replace or supply and install.	EA	70.30

## CFHA SCHEDULE OF UNIT RATES - WAINWRIGHT 2020-2024

### PLUMBING

#### VALVES - GATE VALVES

SOR Code	SOR Description	Unit	Base Price
PL5100EV	Valve, gate valve, 13 mm (1/2 in) - Replace or supply and install.	EA	55.40
PL5120EV	Valve, gate valve, 19 mm (3/4 in) - Replace or supply and install.	EA	63.70
PL5140EV	Valve, gate valve, 25 mm (1 in) - Replace or supply and install.	EA	74.50