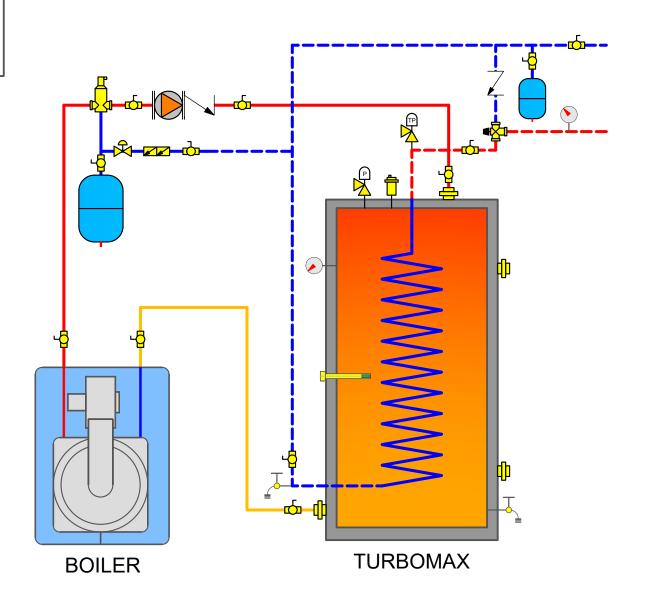
TurboMax®

Instantaneous Indirect Water Heater

TURBOMAX INSTALLATION DRAWINGS



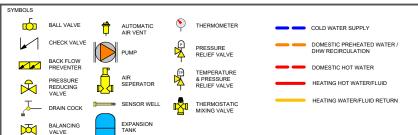
BASIC INSTALLATION DRAWING FOR: 1 x TURBOMAX 1 x BOILER



REQUIREMENTS

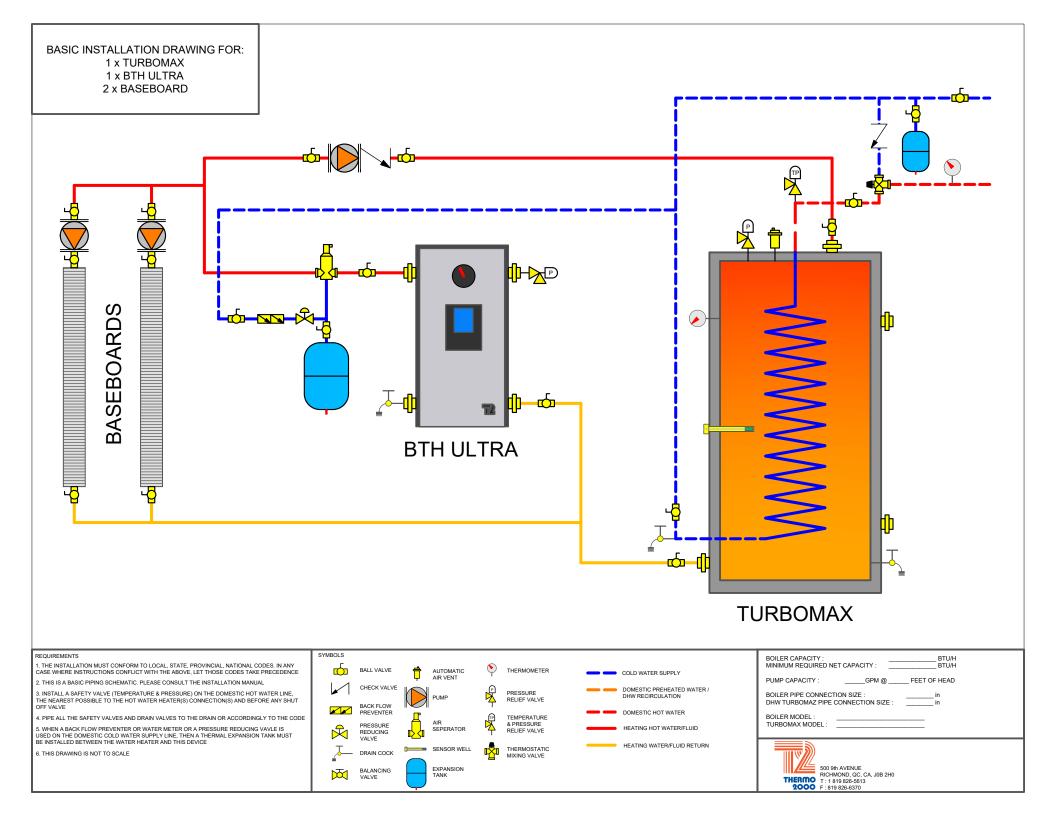
1. THE INSTALLATION MUST CONFORM TO LOCAL, STATE, PROVINCIAL, NATIONAL CODES. IN ANY CASE WHERE INSTRUCTIONS CONFLICT WITH THE ABOVE, LET THOSE CODES TAKE PRECEDENCE

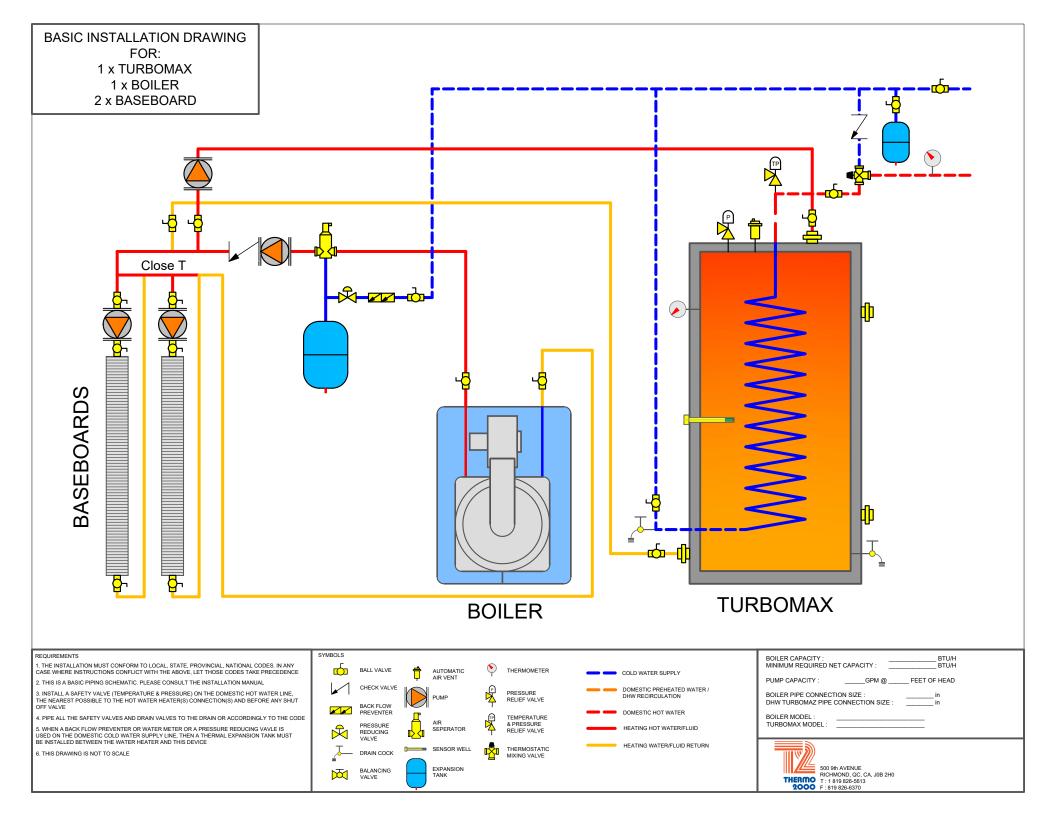
- 2. THIS IS A BASIC PIPING SCHEMATIC. PLEASE CONSULT THE INSTALLATION MANUAL
- 3. INSTALL A SAFETY VALVE (TEMPERATURE & PRESSURE) ON THE DOMESTIC HOT WATER LINE, THE NEAREST POSSIBLE TO THE HOT WATER HEATER(S) CONNECTION(S) AND BEFORE ANY SHUT OFF VALVE
- 4. PIPE ALL THE SAFETY VALVES AND DRAIN VALVES TO THE DRAIN OR ACCORDINGLY TO THE CODE
- 5. WHEN A BACK FLOW PREVENTER OR WATER METER OR A PRESSURE REDUCING VAVLE IS USED ON THE DOMESTIC COLL DWATER SUPPLY LINE. THEN A THERMAL EXPANSION TANK MUST BE INSTALLED BETWEEN THE WATER HEATER AND THIS DEVICE
- 6. THIS DRAWING IS NOT TO SCALE

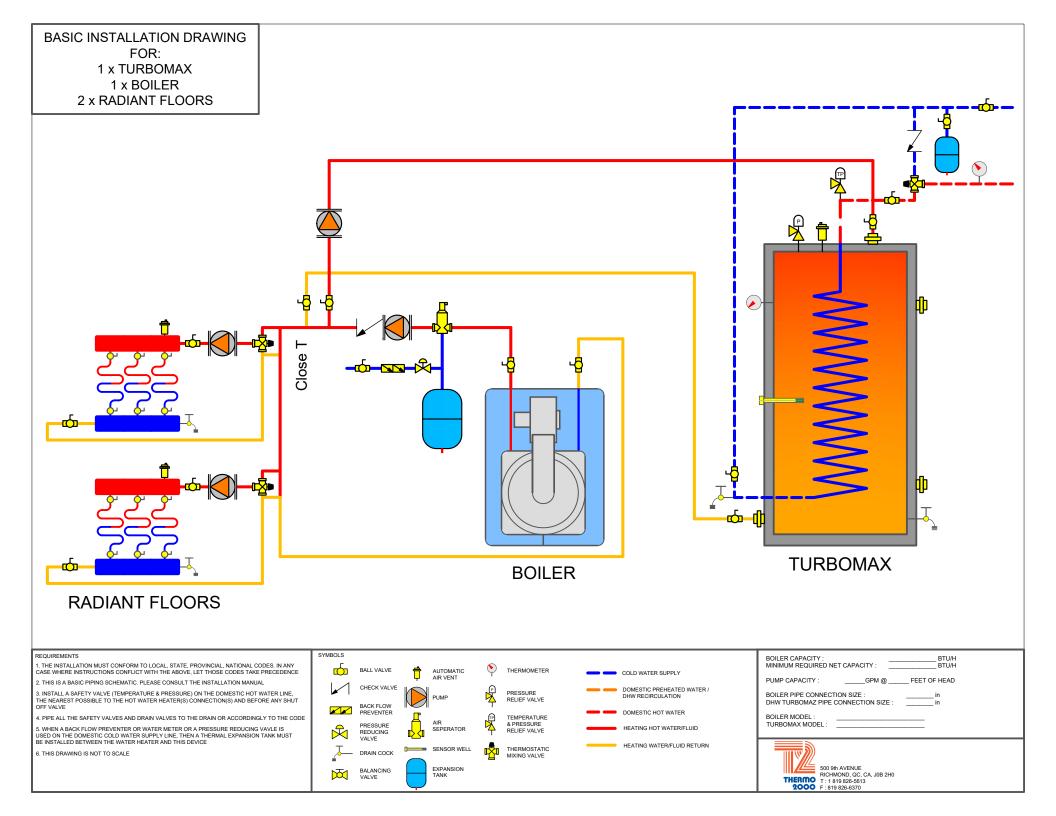


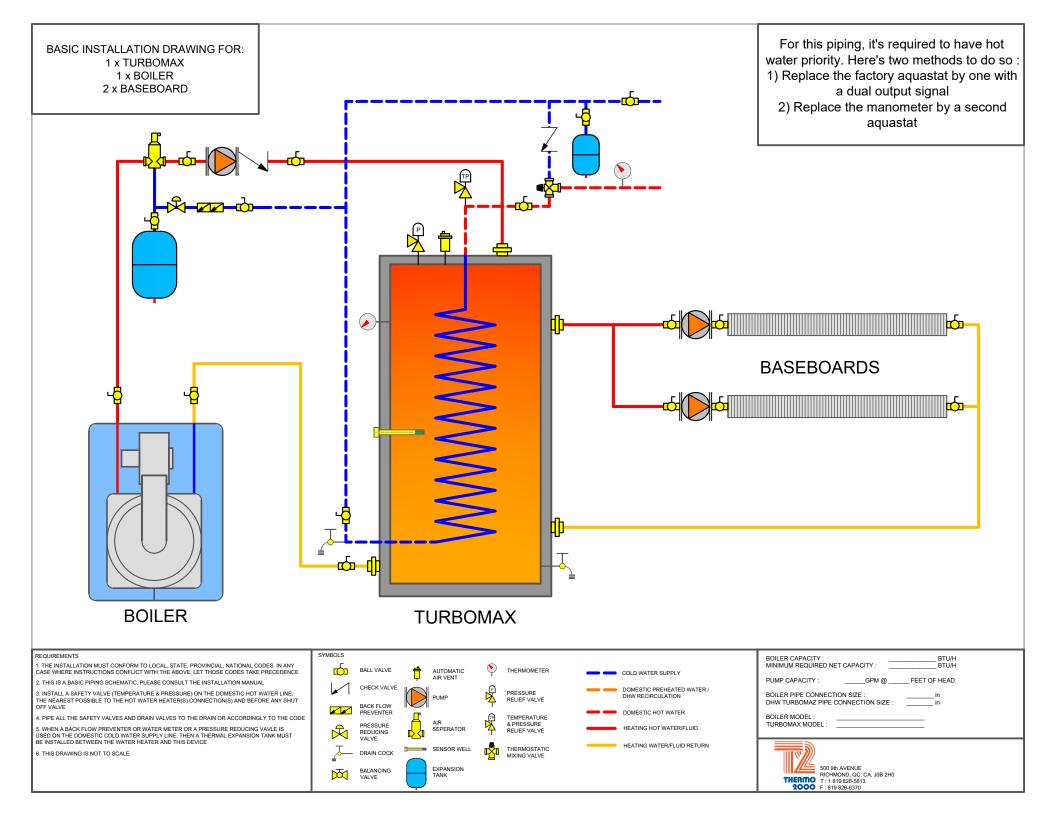


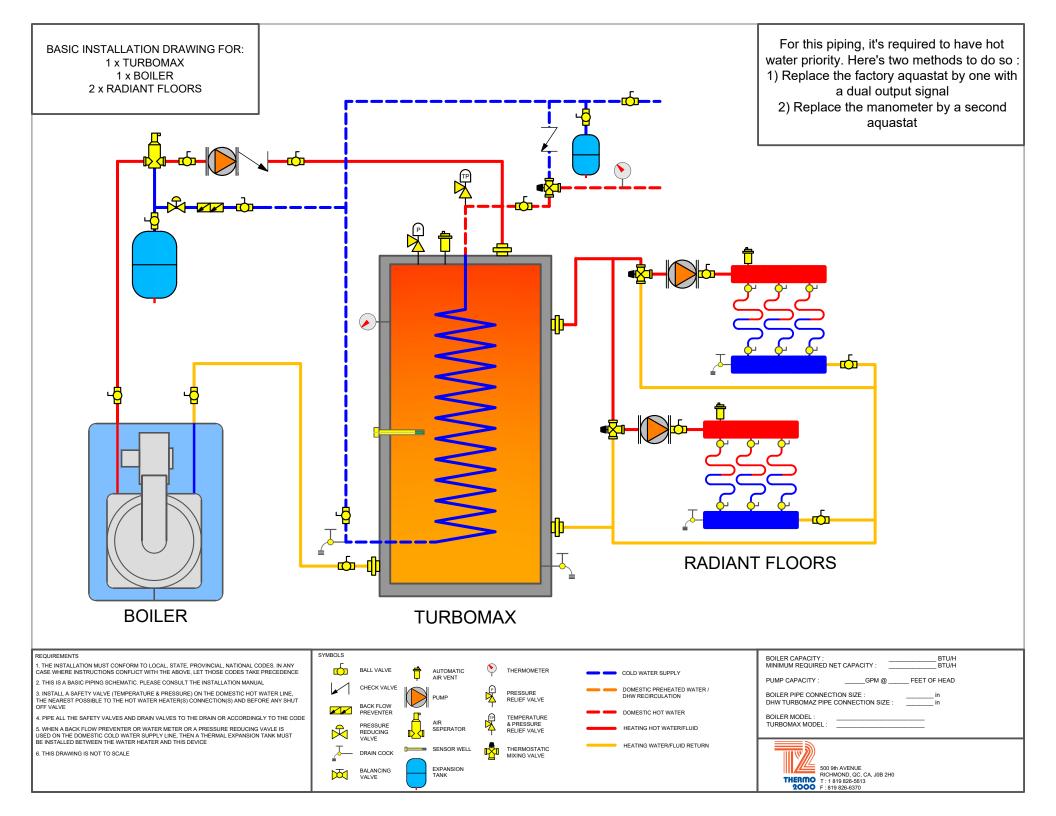
500 9th AVENUE RICHMOND, QC, CA, J0B 2H0 T: 1 819 826-5613 2000 F: 819 826-6370

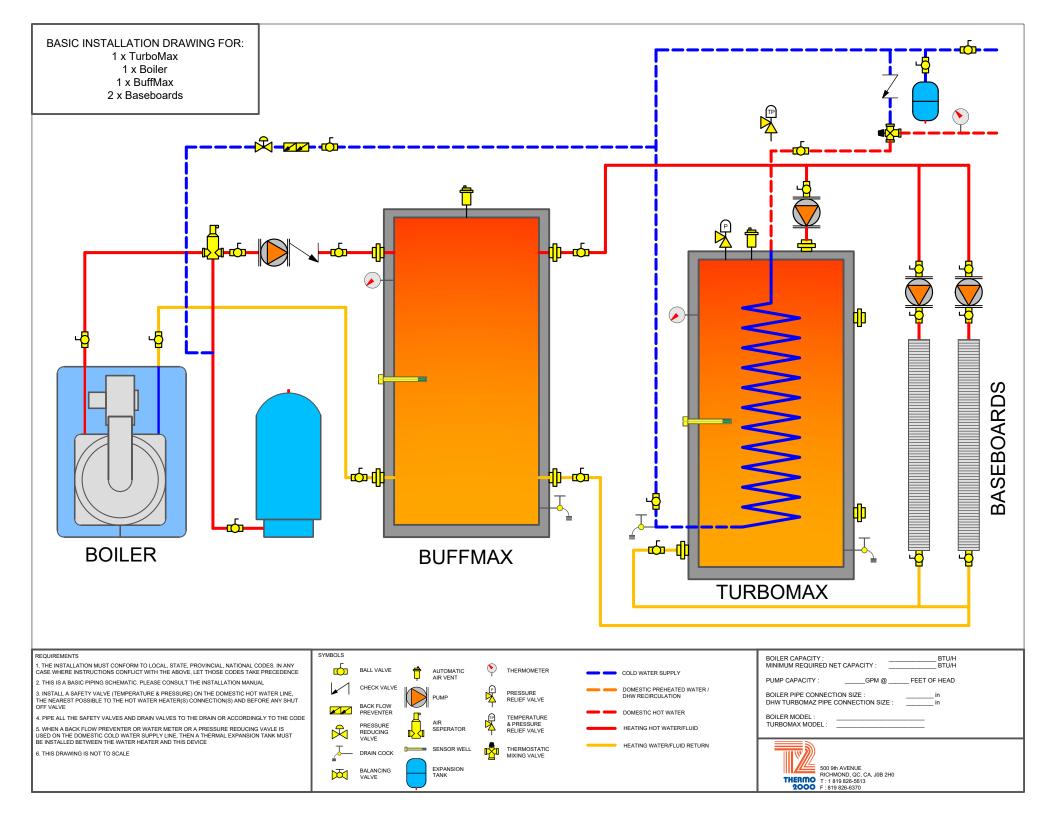


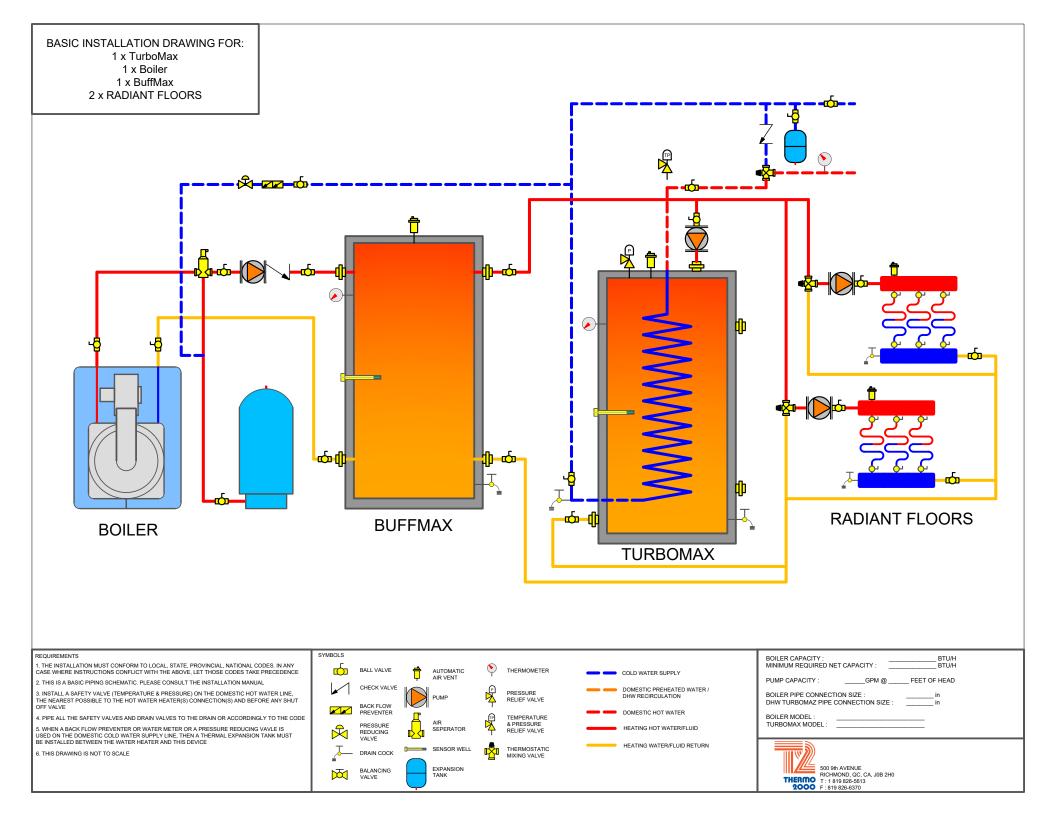


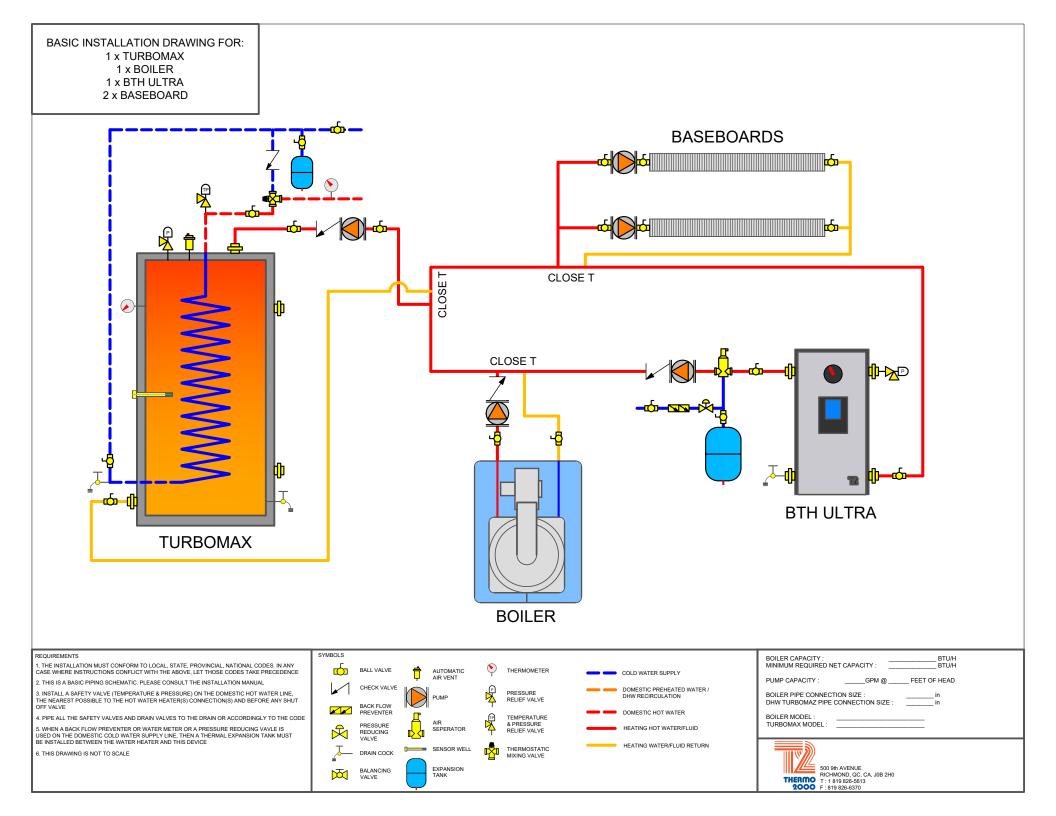


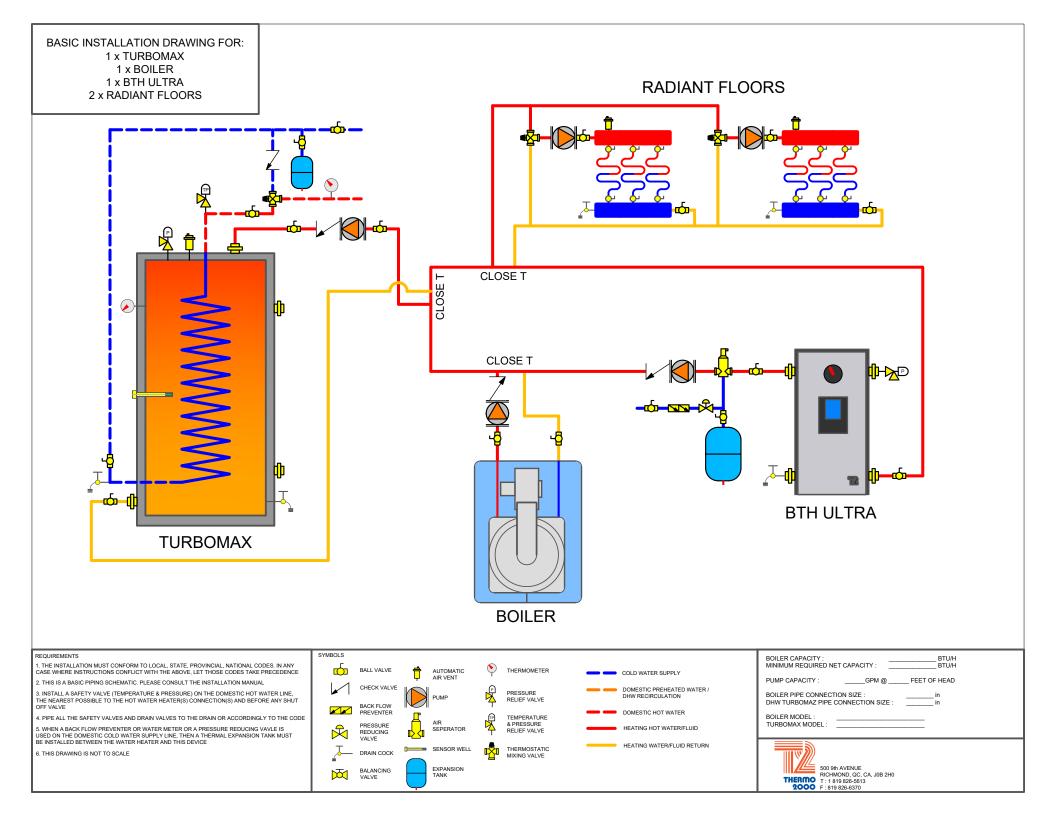












BASIC INSTALLATION DRAWING FOR:

1 x TURBOMAX

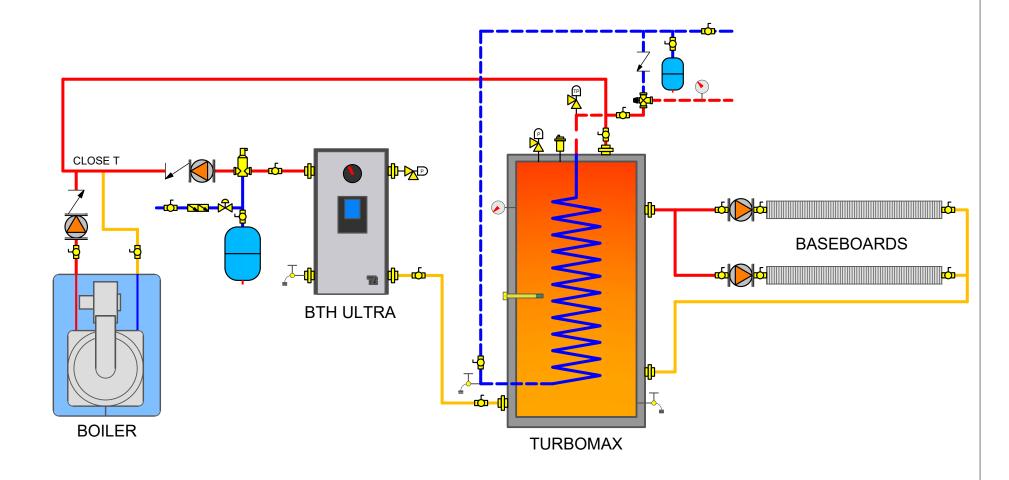
1 x BOILER

1 x BTH ULTRA

2 x BASEBOARD

For this piping, it's required to have hot water priority. Here's two methods to do so :

- 1) Replace the factory aquastat by one with a dual output signal
 - 2) Replace the manometer by a second aquastat



EQUIREMENTS

1. THE INSTALLATION MUST CONFORM TO LOCAL, STATE, PROVINCIAL, NATIONAL CODES. IN ANY CASE WHERE INSTRUCTIONS CONFLICT WITH THE ABOVE, LET THOSE CODES TAKE PRECEDENCE

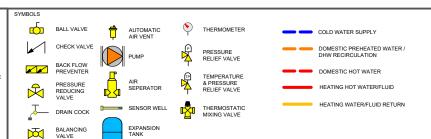
2. THIS IS A BASIC PIPING SCHEMATIC. PLEASE CONSULT THE INSTALLATION MANUAL

3. INSTALL A SAFETY VALVE (TEMPERATURE & PRESSURE) ON THE DOMESTIC HOT WATER LINE, THE NEAREST POSSIBLE TO THE HOT WATER HEATER(S) CONNECTION(S) AND BEFORE ANY SHUT OFF VALVE

4. PIPE ALL THE SAFETY VALVES AND DRAIN VALVES TO THE DRAIN OR ACCORDINGLY TO THE CODE

5. WHEN A BACK FLOW PREVENTER OR WATER METER OR A PRESSURE REDUCING VAVLE IS USED ON THE DOMESTIC COLD WATER SUPPLY LINE. THEN A THERMAL EXPANSION TANK MUST BE INSTALLED BETWEEN THE WATER HEATER AND THIS DEVICE

6. THIS DRAWING IS NOT TO SCALE



BOILER CAPACITY: BTU/H
MINIMUM REQUIRED NET CAPACITY: BTU/H

PUMP CAPACITY: GPM @ FEET OF HEAD

BOILER PIPE CONNECTION SIZE: in
DHW TURBOMAZ PIPE CONNECTION SIZE: in
BOILER MODEL:
TURBOMAX MODEL:



BASIC INSTALLATION DRAWING FOR:

1 x TURBOMAX

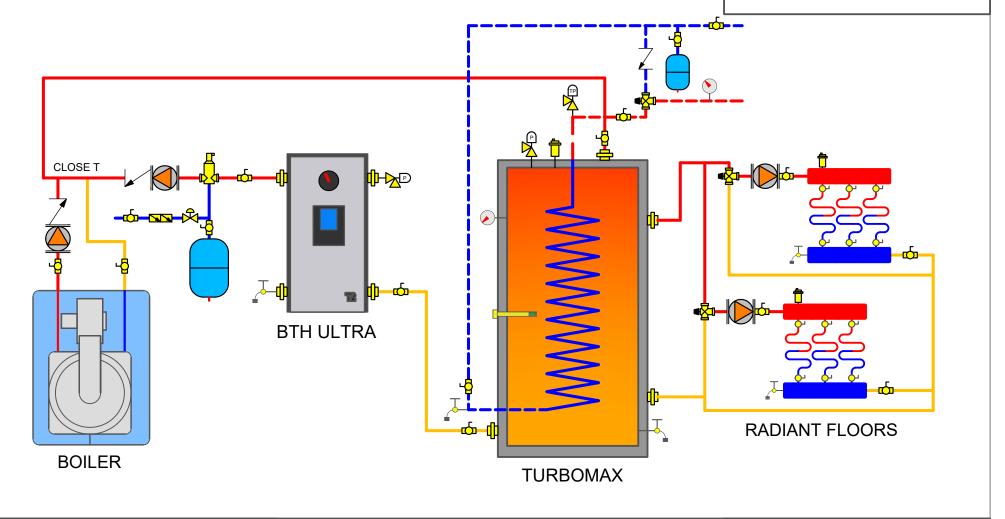
1 x BOILER

1 x BTH ULTRA

2 x RADIANT FLOORS

For this piping, it's required to have hot water priority. Here's two methods to do so :

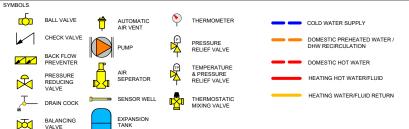
- 1) Replace the factory aquastat by one with a dual output signal
 - 2) Replace the manometer by a second aquastat



REQUIREMENTS

1. THE INSTALLATION MUST CONFORM TO LOCAL, STATE, PROVINCIAL, NATIONAL CODES. IN ANY CASE WHERE INSTRUCTIONS CONFLICT WITH THE ABOVE, LET THOSE CODES TAKE PRECEDENCE

- 2. THIS IS A BASIC PIPING SCHEMATIC. PLEASE CONSULT THE INSTALLATION MANUAL
- 3. INSTALL A SAFETY VALVE (TEMPERATURE & PRESSURE) ON THE DOMESTIC HOT WATER LINE, THE NEAREST POSSIBLE TO THE HOT WATER HEATER(S) CONNECTION(S) AND BEFORE ANY SHUT OFF VALVE
- 4. PIPE ALL THE SAFETY VALVES AND DRAIN VALVES TO THE DRAIN OR ACCORDINGLY TO THE CODE
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- 6. THIS DRAWING IS NOT TO SCALE



BOILER CAPACITY: BTU/H
MINIMUM REQUIRED NET CAPACITY: BTU/H

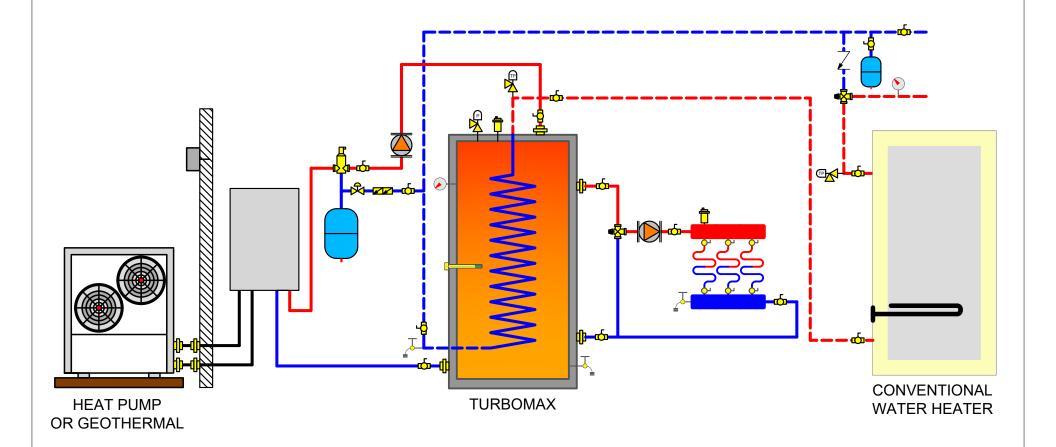
PUMP CAPACITY: GPM @ FEET OF HEAD

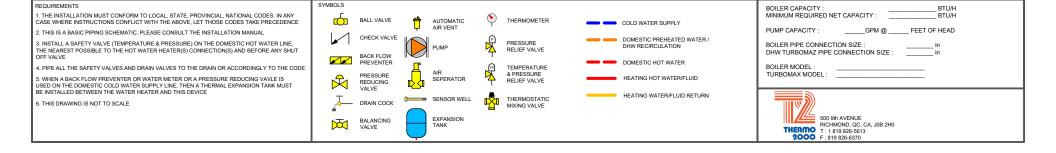
BOILER PIPE CONNECTION SIZE: in
DHW TURBOMAZ PIPE CONNECTION SIZE: in

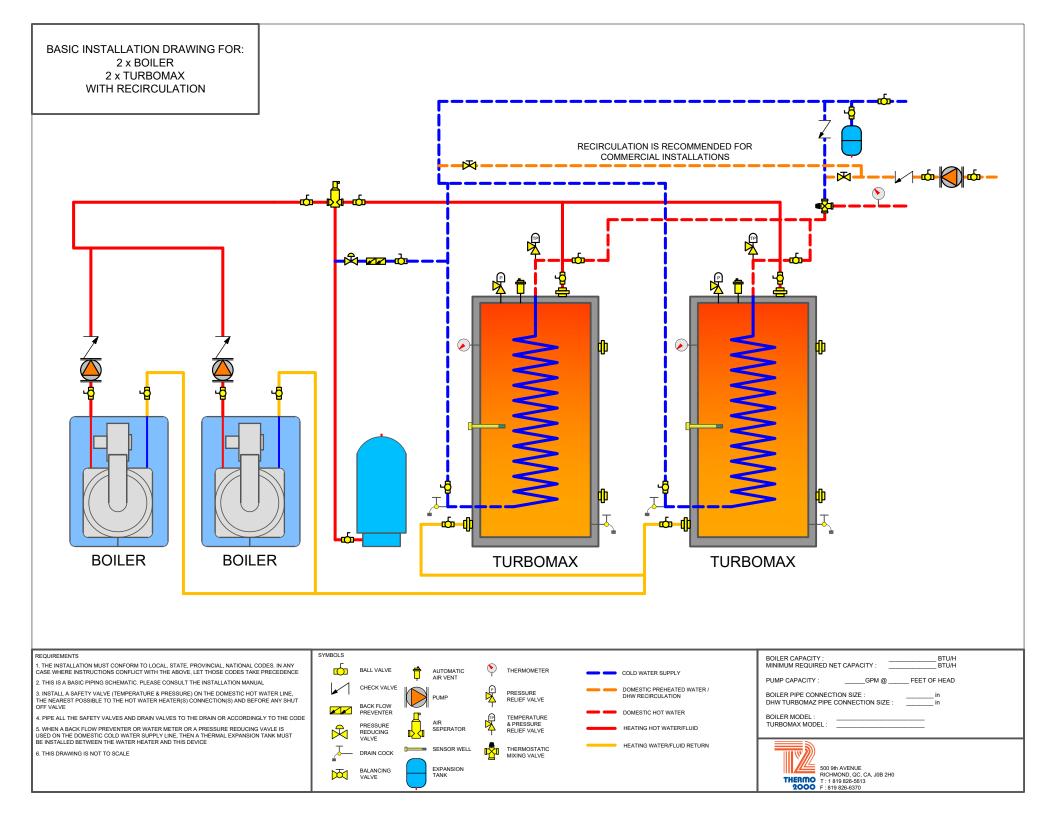
BOILER MODEL:
TURBOMAX MODEL:



PREHEATING DOMESTIC HOT WATER THROUGH A TURBOMAX USING A HEAT PUMP OR GEOTHERMAL APPLICATION

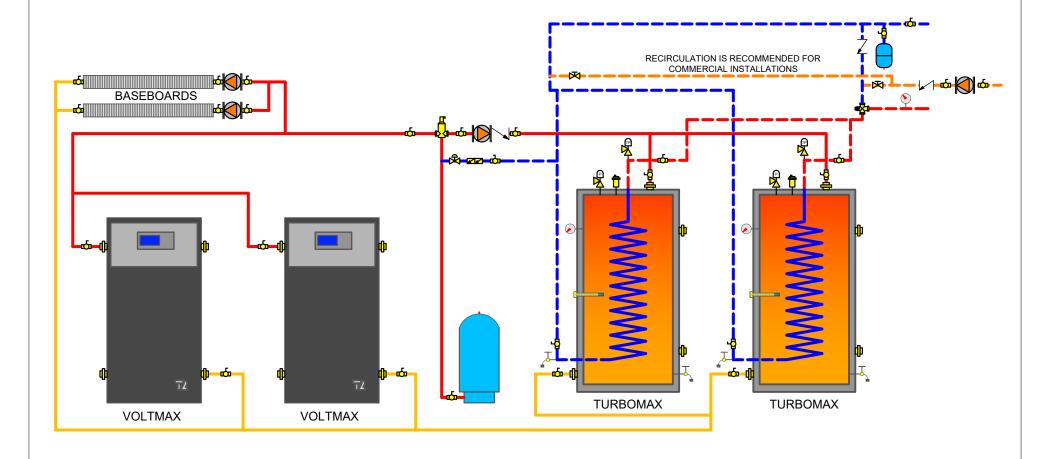


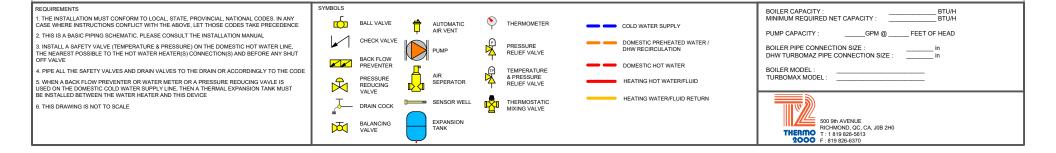




PRIMARY/SECONDARY SETUP FOR: 2 x TURBOMAX 2 x BOILER 2 x BASEBOARD **BASEBOARDS** RECIRCULATION IS RECOMMENDED FOR COMMERCIAL INSTALLATIONS CLOSE T CLOSE T **CLOSE T BOILER TURBOMAX TURBOMAX BOILER** SYMBOLS REQUIREMENTS BOILER CAPACITY : MINIMUM REQUIRED NET CAPACITY : 1. THE INSTALLATION MUST CONFORM TO LOCAL, STATE, PROVINCIAL, NATIONAL CODES. IN ANY CASE WHERE INSTRUCTIONS CONFLICT WITH THE ABOVE, LET THOSE CODES TAKE PRECEDENCE BALL VALVE THERMOMETER AUTOMATIC COLD WATER SUPPLY PUMP CAPACITY: FEET OF HEAD ___GPM @ _ 2. THIS IS A BASIC PIPING SCHEMATIC. PLEASE CONSULT THE INSTALLATION MANUAL CHECK VALVE DOMESTIC PREHEATED WATER / 3. INSTALL A SAFETY VALVE (TEMPERATURE & PRESSURE) ON THE DOMESTIC HOT WATER LINE, PRESSURE RELIEF VALVE BOILER PIPE CONNECTION SIZE : THE NEAREST POSSIBLE TO THE HOT WATER HEATER(S) CONNECTION(S) AND BEFORE ANY SHUT OFF VALVE DHW TURBOMAZ PIPE CONNECTION SIZE : BACK FLOW PREVENTER DOMESTIC HOT WATER BOILER MODEL 4. PIPE ALL THE SAFETY VALVES AND DRAIN VALVES TO THE DRAIN OR ACCORDINGLY TO THE CODE TEMPERATURE & PRESSURE TURBOMAX MODEL : DDESCLIDE 5. WHEN A BACK FLOW PREVENTER OR WATER METER OR A PRESSURE REDUCING VAVLE IS USED ON THE DOMESTIC COLD WATER SUPPLY LINE, THEN A THERMAL EXPANSION TANK MUST BE INSTALLED BETWEEN THE WATER HEATER AND THIS DEVICE HEATING HOT WATER/FLUID RELIEF VALVE REDUCING VALVE HEATING WATER/FLUID RETURN THERMOSTATIC SENSOR WELL 6. THIS DRAWING IS NOT TO SCALE DRAIN COCK MIXING VALVE 500 9th AVENUE EXPANSION BALANCING VALVE RICHMOND, QC, CA, J0B 2H0 THERMO T: 1 819 826-5613 2000 F: 819 826-6370

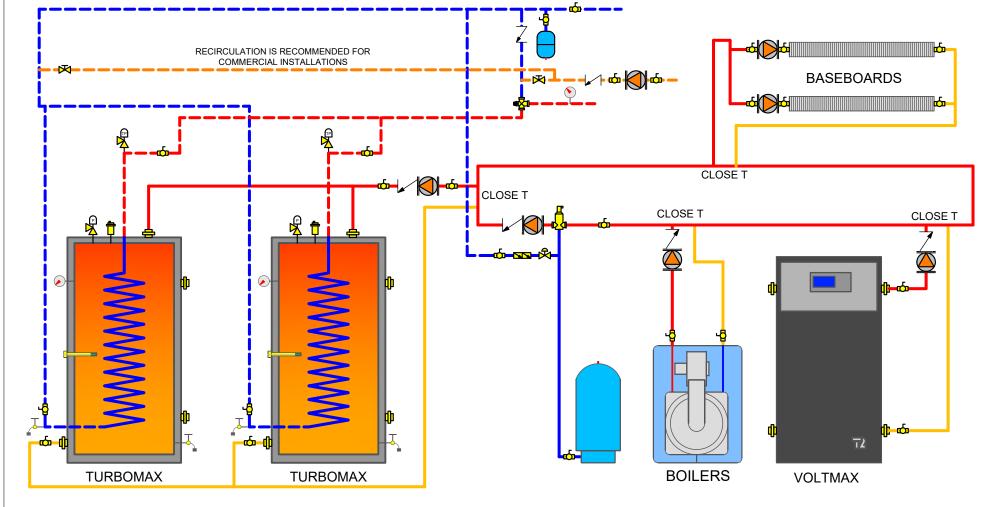
BASIC INSTALLATION DRAWING FOR: 2 x VOLTMAX 2 x BASEBOARD 2 x TURBOMAX WITH RECIRCULATION

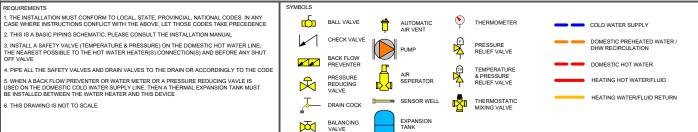




PRIMARY/SECONDARY INSTALLATION: 1 x BOILER 1 x VOLTMAX 2 x BASEBOARD 2 x TURBOMAX

WITH RECIRCULATION





BOILER CAPACITY : MINIMUM REQUIRED NET CAPACITY : PUMP CAPACITY: FEET OF HEAD ___GPM @ _ BOILER PIPE CONNECTION SIZE : DHW TURBOMAZ PIPE CONNECTION SIZE : BOILER MODEL TURBOMAX MODEL : 500 9th AVENUE RICHMOND, QC, CA, J0B 2H0
THERMO
T: 1 819 826-5613
2000 F: 819 826-6370

BASIC INSTALLATION DRAWING FOR:

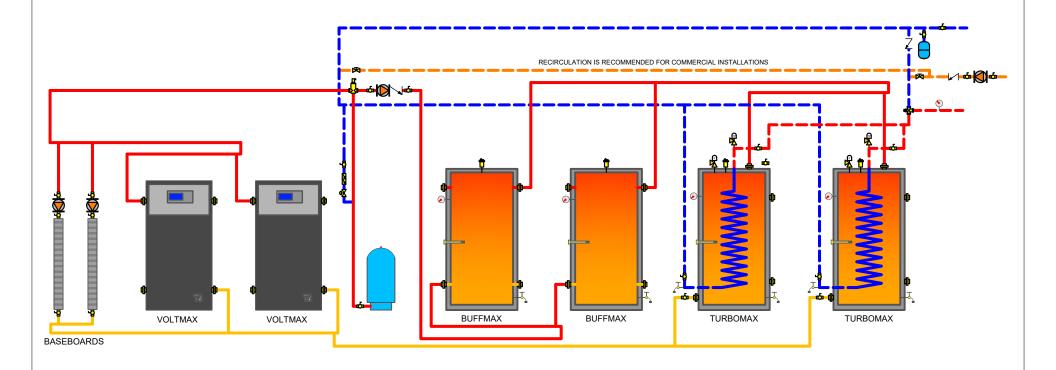
2 x VOLTMAX

2 x BUFFMAX

2 x BASEBOARD

2 x TURBOMAX

WITH RECIRCULATION



BOILER CAPACITY: MINIMUM REQUIRED NET CAPACITY: 1. THE INSTALLATION MUST CONFORM TO LOCAL, STATE, PROVINCIAL, NATIONAL CODES. IN ANY CASE WHERE INSTRUCTIONS CONFLICT WITH THE ABOVE, LET THOSE CODES TAKE PRECEDENCE BALL VALVE THERMOMETER AUTOMATIC COLD WATER SUPPLY PUMP CAPACITY: _ FEET OF HEAD ____GPM @ ___ 2. THIS IS A BASIC PIPING SCHEMATIC. PLEASE CONSULT THE INSTALLATION MANUAL CHECK VALVE DOMESTIC PREHEATED WATER / 3. INSTALL A SAFETY VALVE (TEMPERATURE & PRESSURE) ON THE DOMESTIC HOT WATER LINE, PRESSURE RELIEF VALVE BOILER PIPE CONNECTION SIZE : THE NEAREST POSSIBLE TO THE HOT WATER HEATER(S) CONNECTION(S) AND BEFORE ANY SHUT OFF VALVE DHW TURBOMAZ PIPE CONNECTION SIZE : BACK FLOW PREVENTER DOMESTIC HOT WATER BOILER MODEL 4. PIPE ALL THE SAFETY VALVES AND DRAIN VALVES TO THE DRAIN OR ACCORDINGLY TO THE CODE TEMPERATURE & PRESSURE TURBOMAX MODEL : DDESSLIDE 5. WHEN A BACK FLOW PREVENTER OR WATER METER OR A PRESSURE REDUCING VAVLE IS USED ON THE DOMESTIC COLD WATER SUPPLY LINE, THEN A THERMAL EXPANSION TANK MUST BE INSTALLED BETWEEN THE WATER HEATER AND THIS DEVICE HEATING HOT WATER/FLUID RELIEF VALVE REDUCING VALVE HEATING WATER/FLUID RETURN THERMOSTATIC SENSOR WELL 6. THIS DRAWING IS NOT TO SCALE DRAIN COCK MIXING VALVE 500 9th AVENUE EXPANSION BALANCING THERMO T: 1 819 826-5613 2000 F: 819 826-6370 VALVE

SYMBOLS

