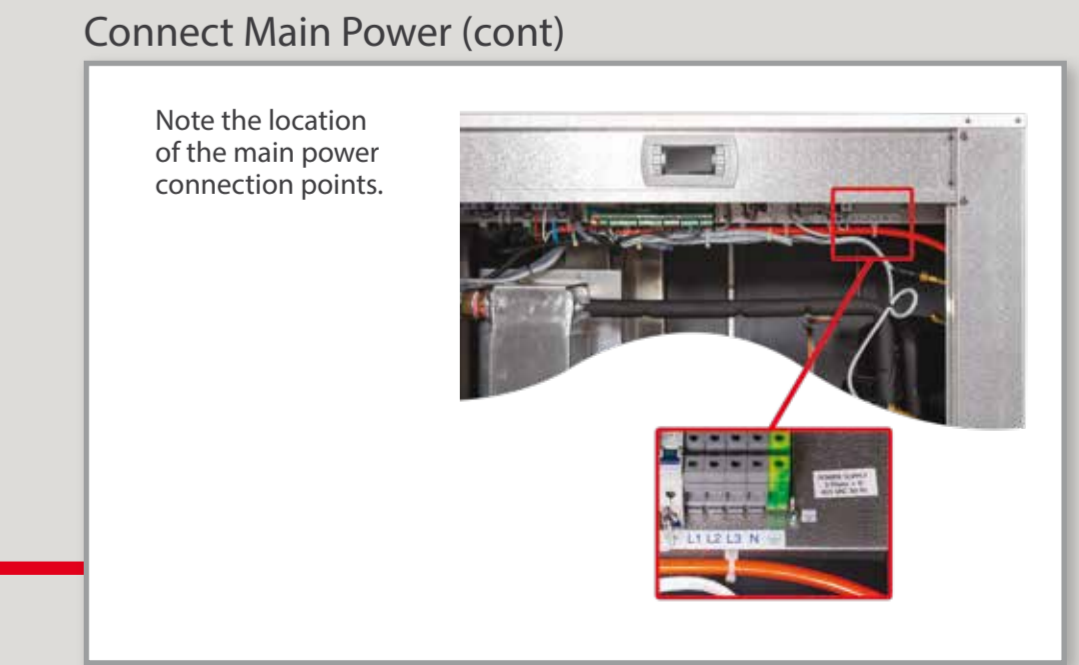
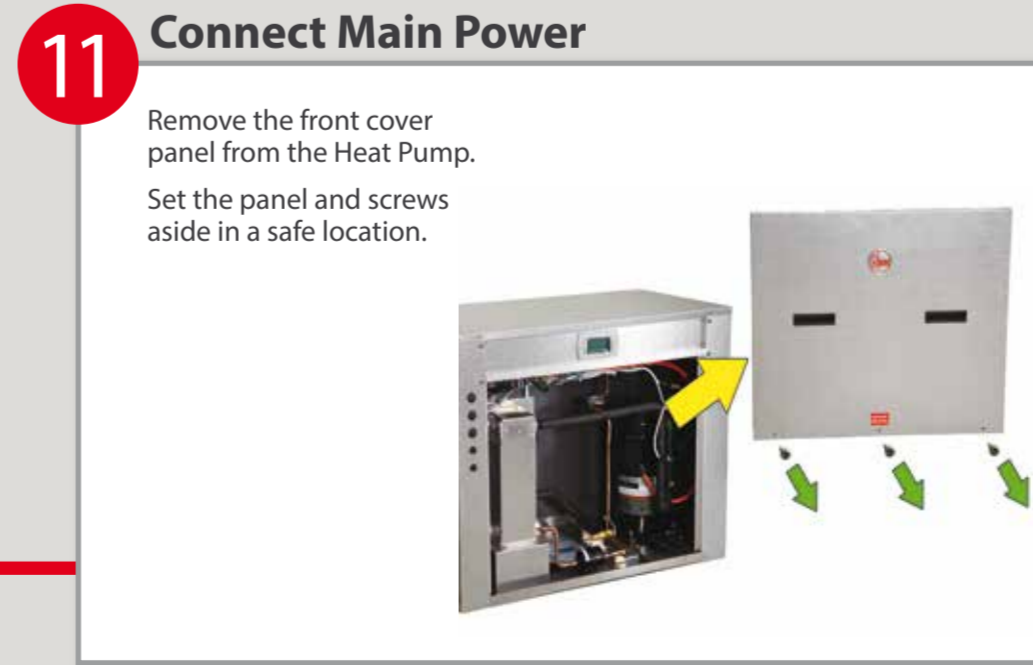
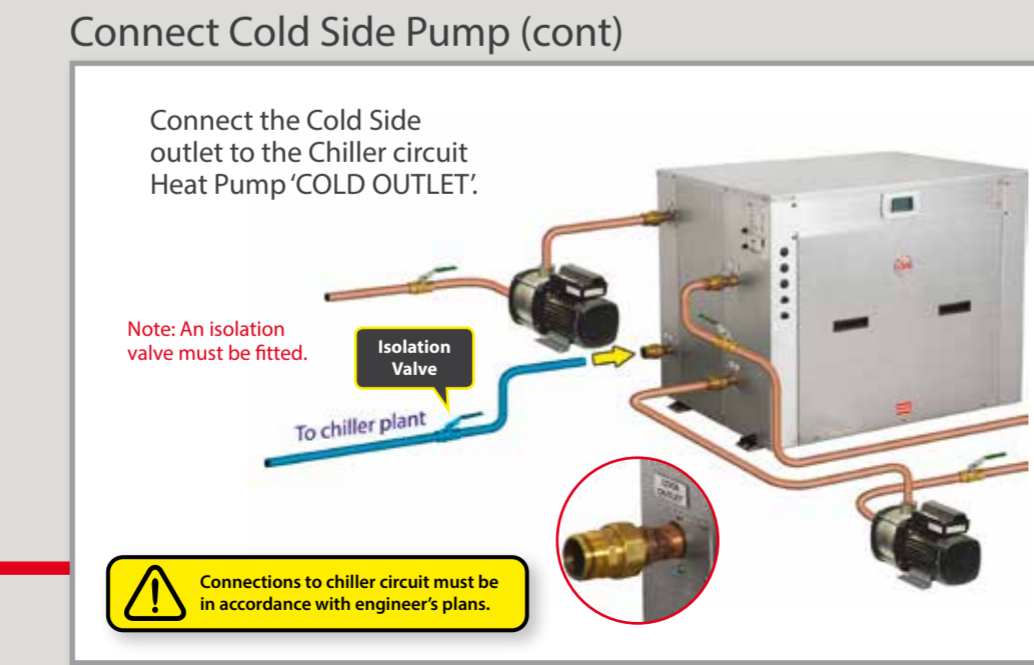
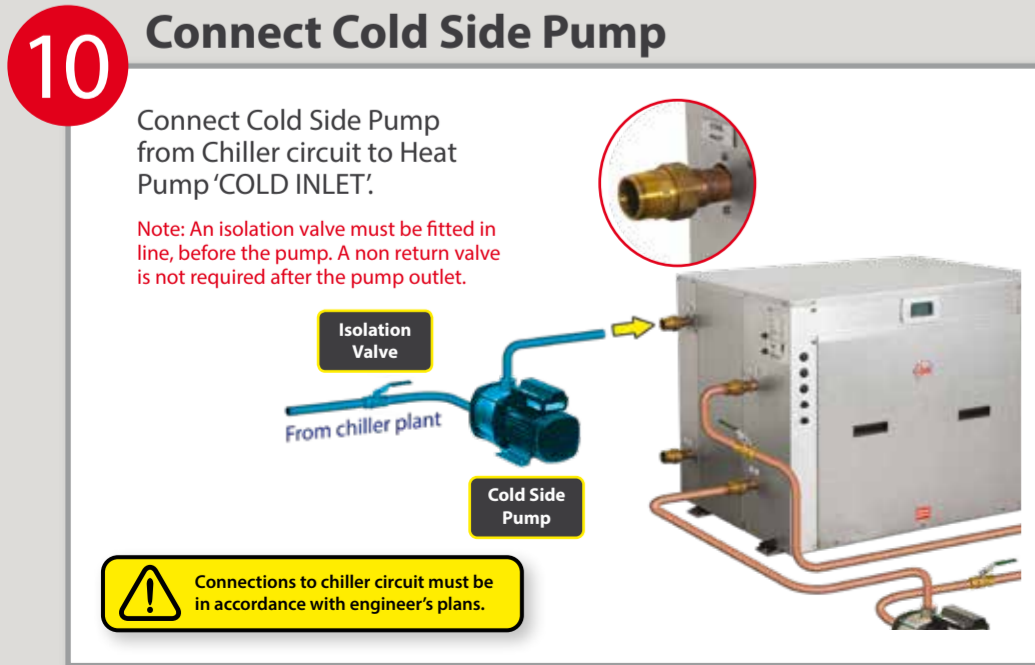
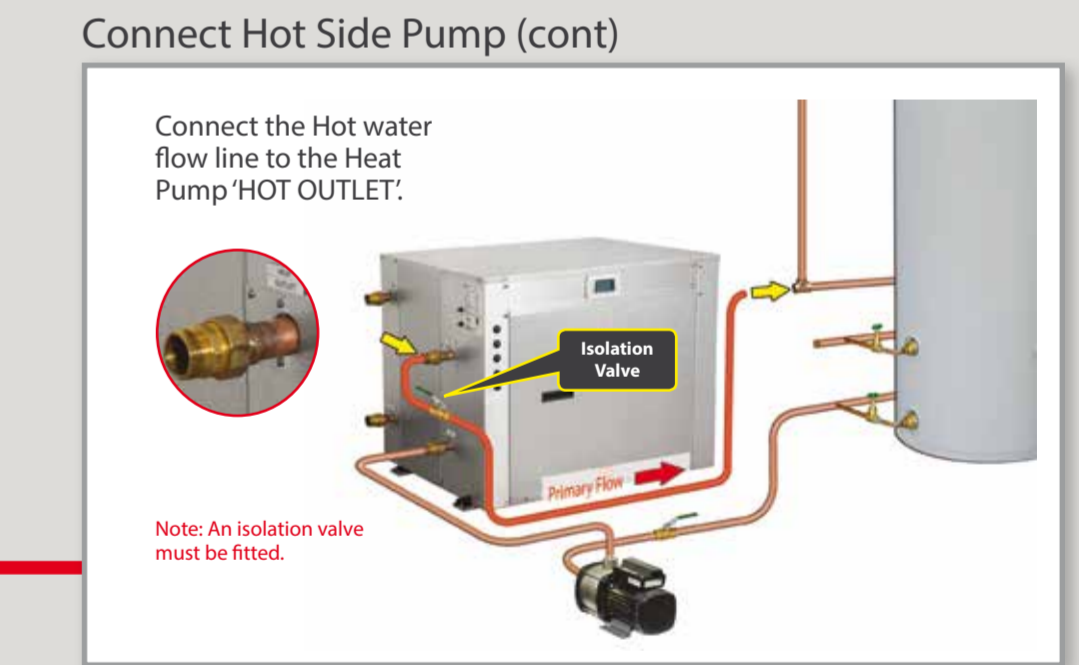
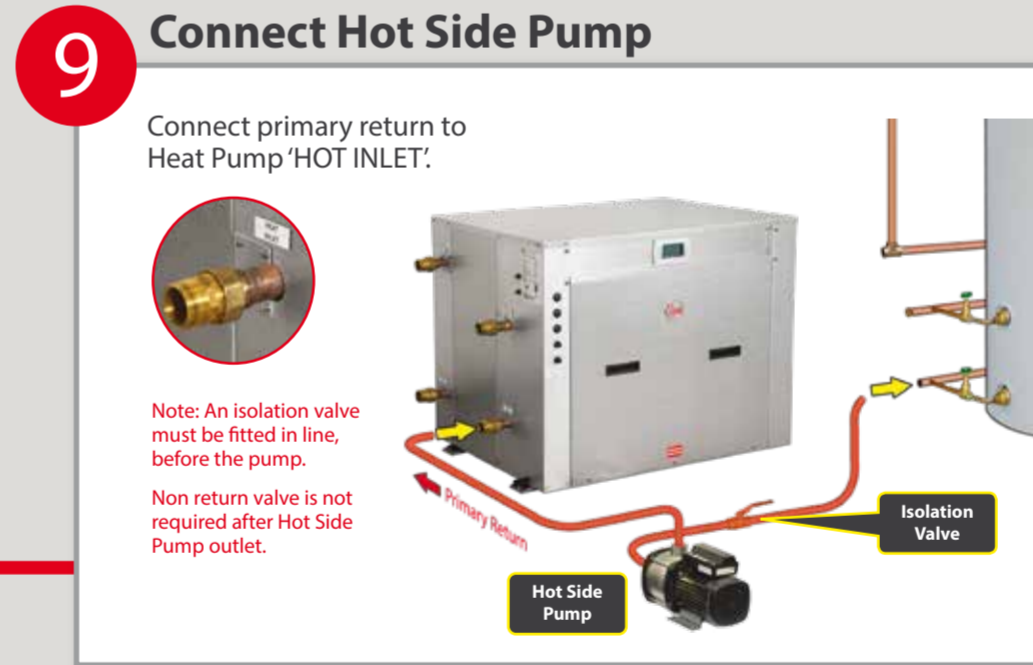
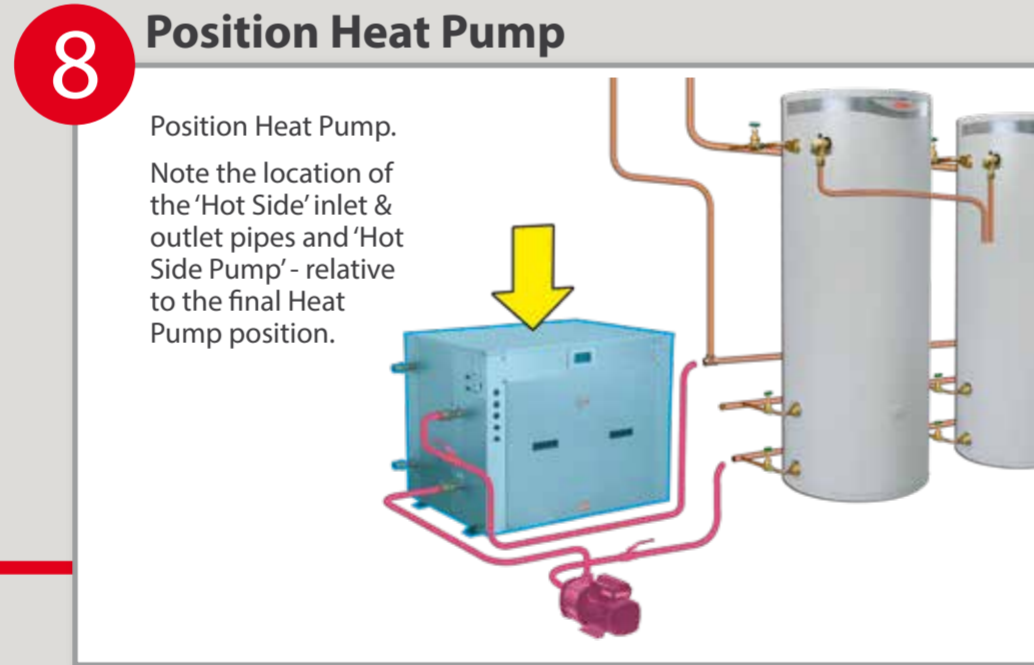
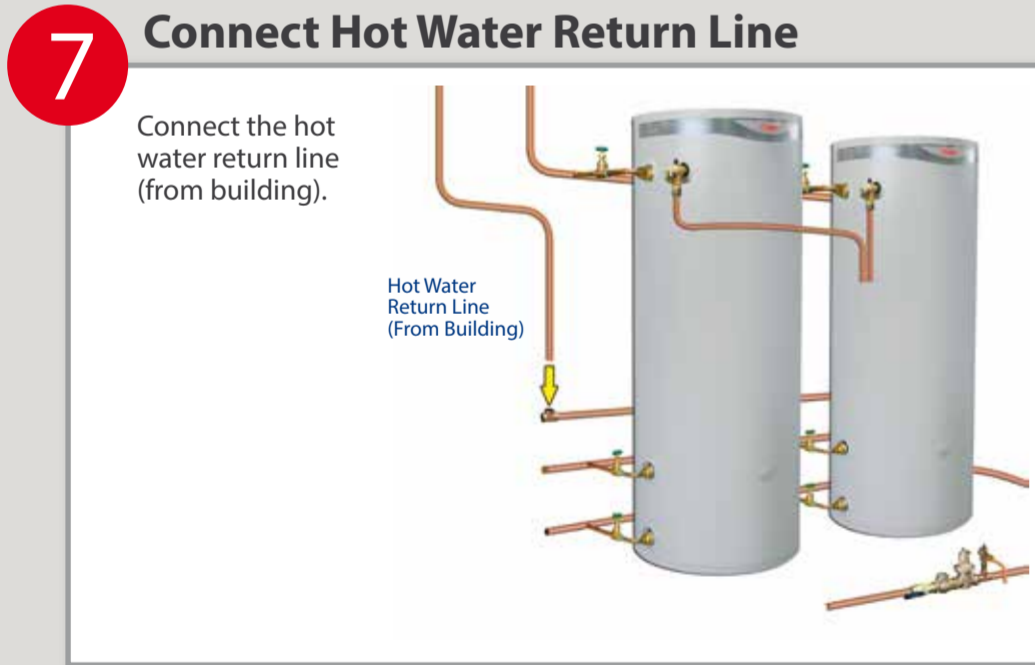
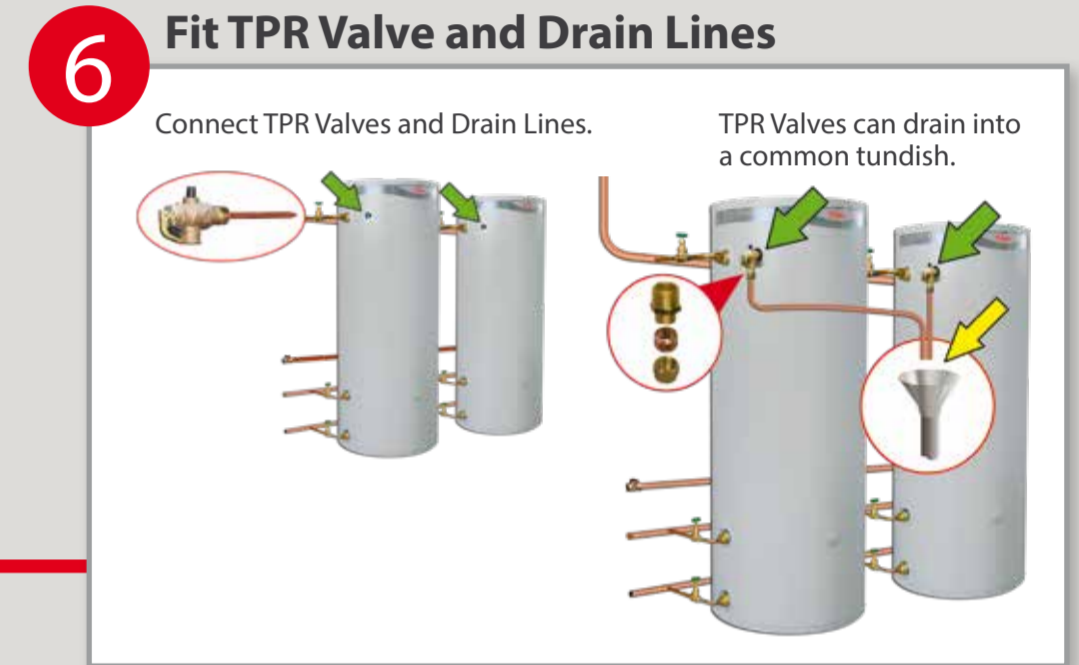
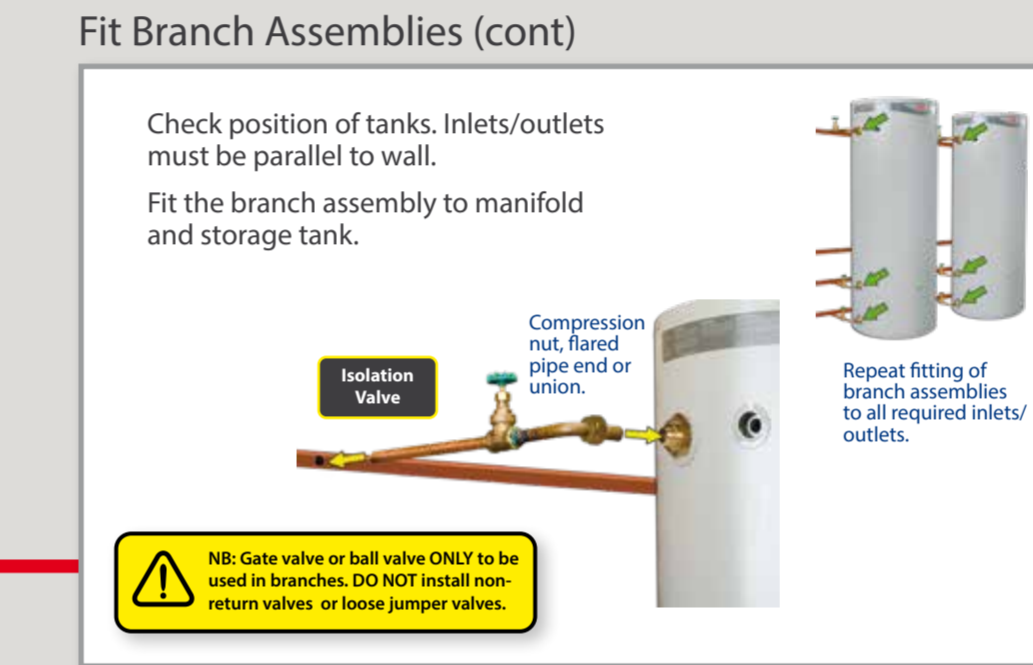
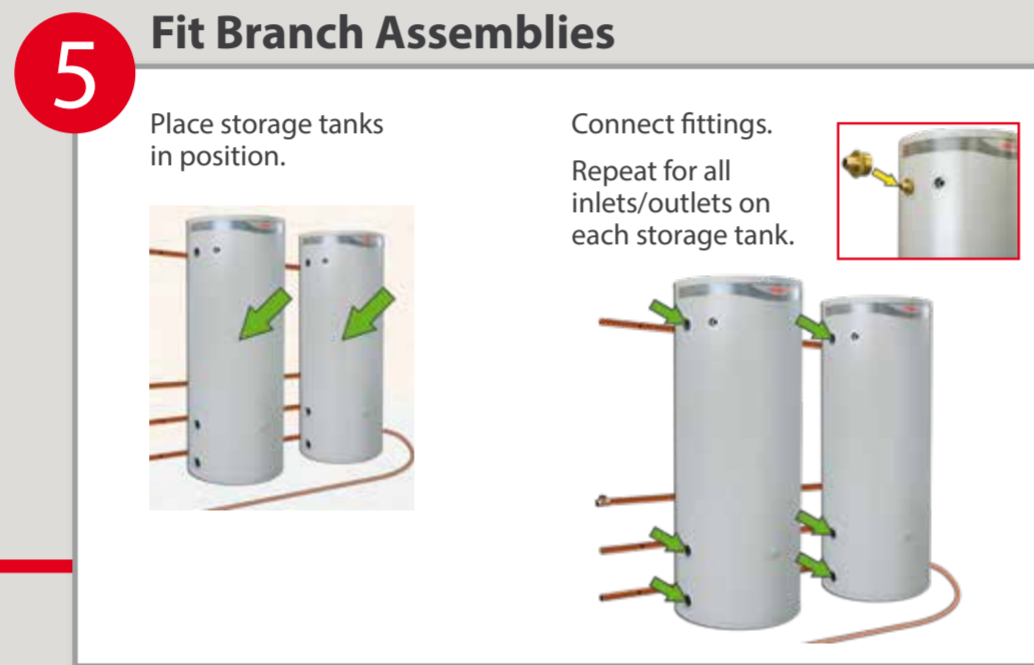
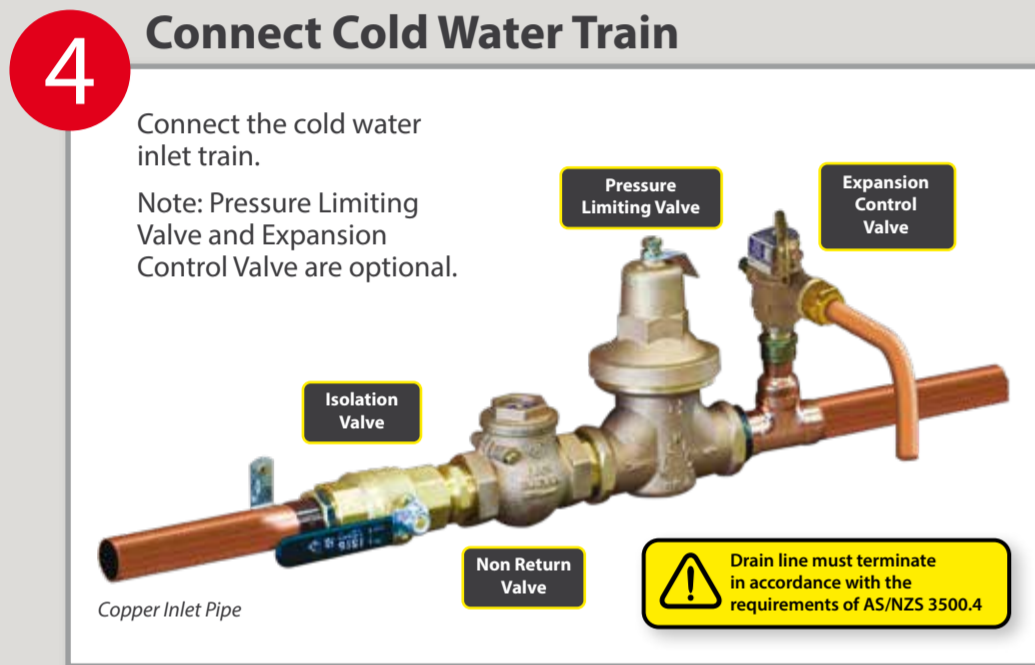
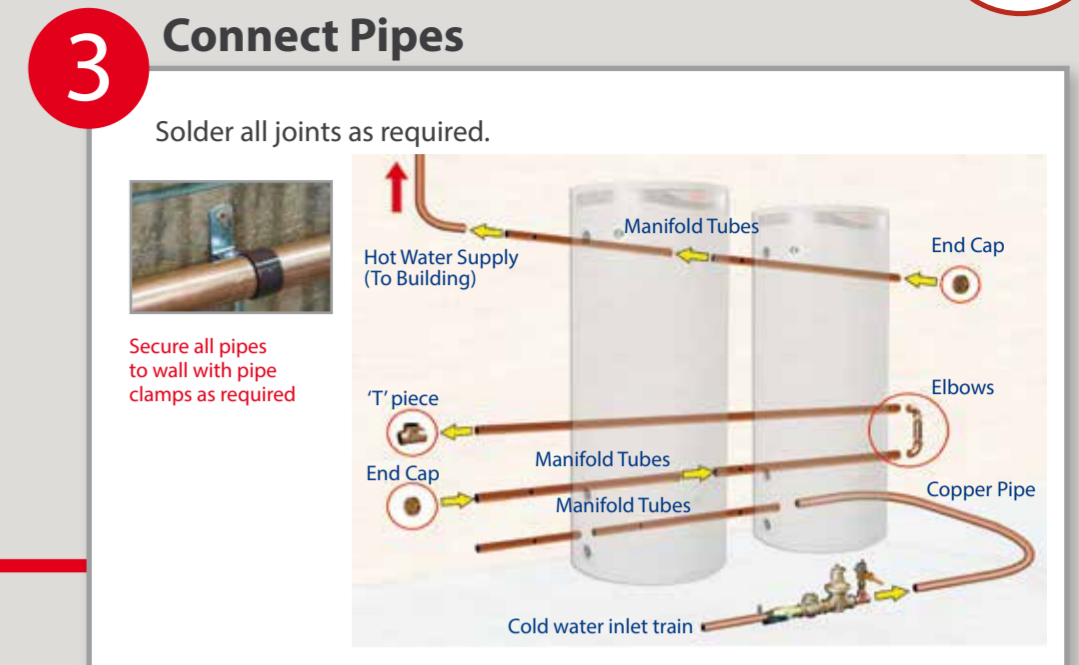
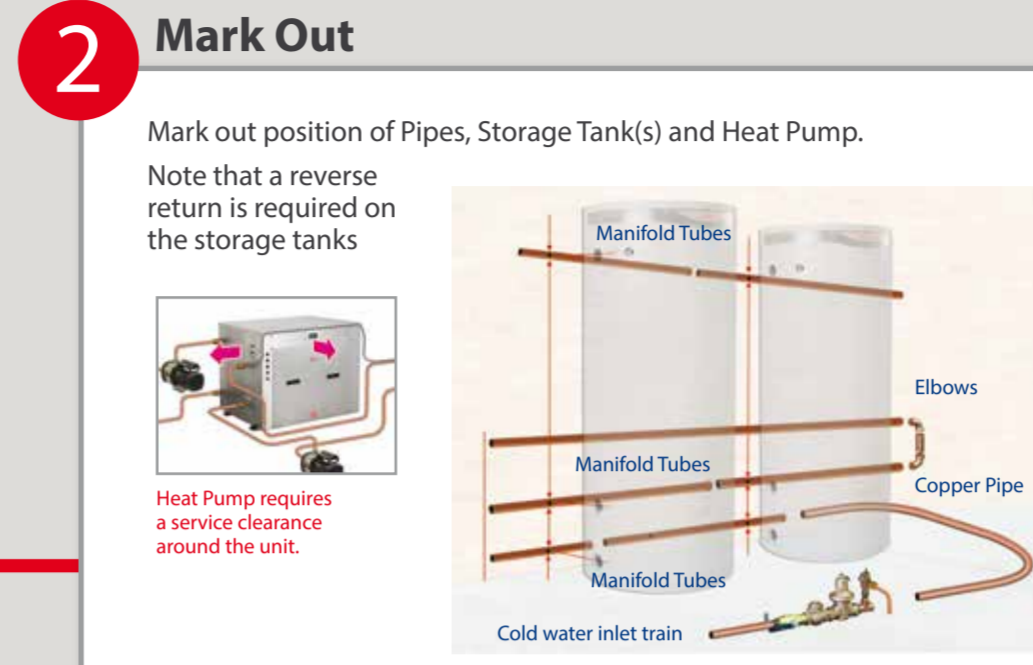
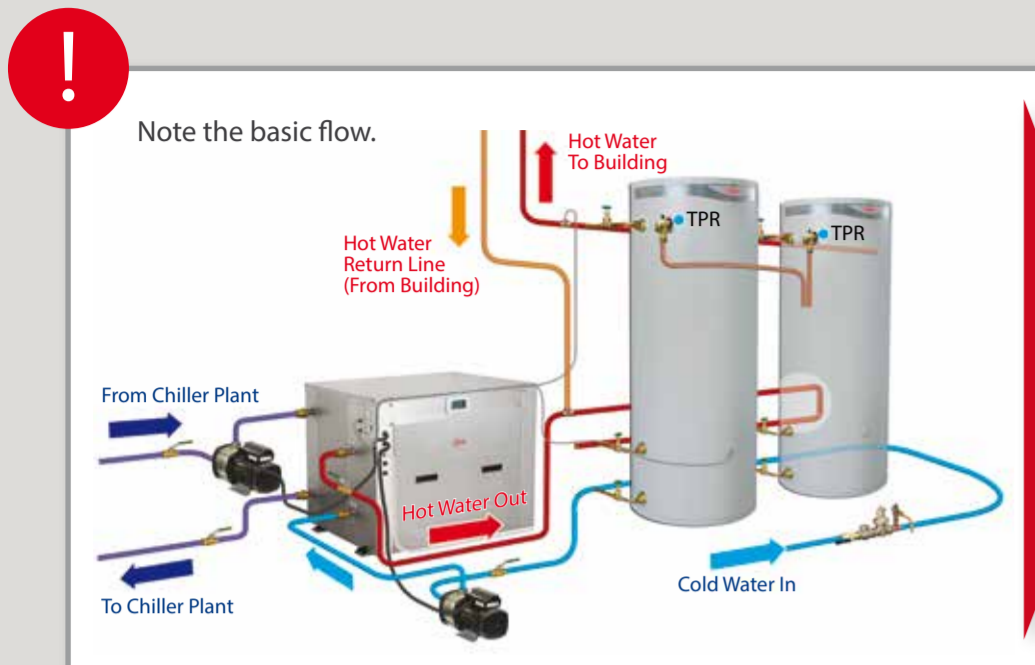


Commercial - Water to Water Heat Pump System - Installation Overview



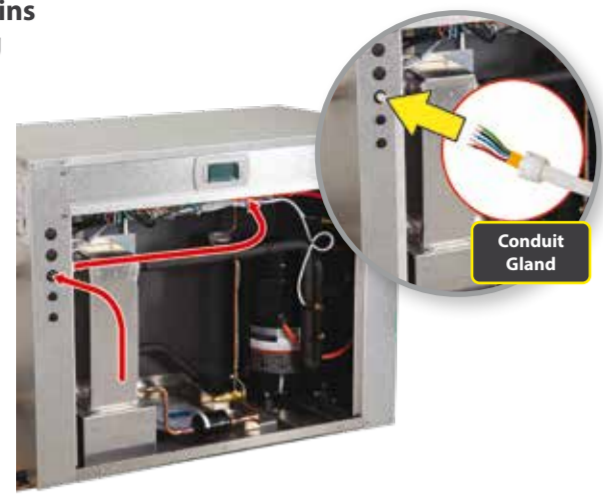
INSTALLER: This pictorial guide does not replace the Owner's Guide and Installation Instructions supplied with the Commercial Heat Pump. The installation instructions should be read in full and referred to for details. Rheem will not accept any liability for failure to read or install the water heater in accordance with the installation instructions!



Connect Main Power (cont)

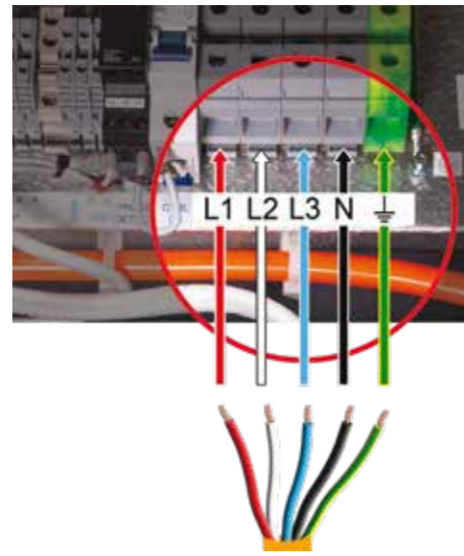
WARNING Isolate mains power before making any connections.

Insert 3 Phase power cable and conduit.
Use a conduit gland.



Connect Main Power (cont)

Secure wires with screws provided in the Terminal Block.
Observe correct phase rotation.



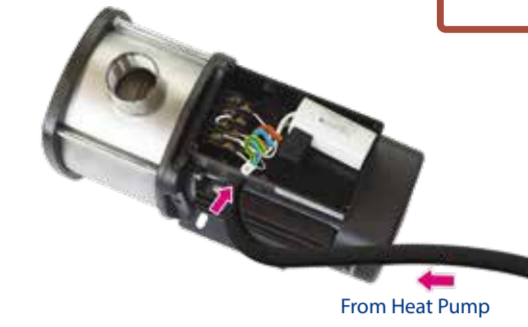
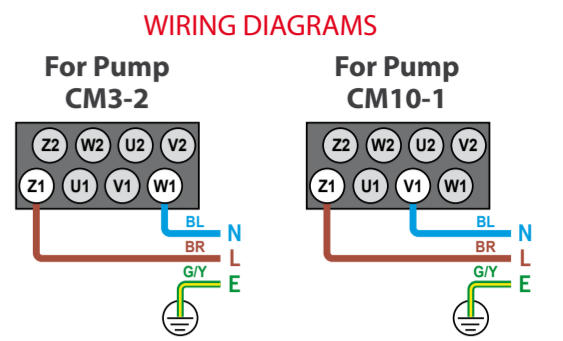
12 Connect Wiring To Hot Side Pump

Remove electrical cover from pump.



Connect Wiring To Hot Side Pump (cont)

Connect wiring to pump.
Use a conduit to protect the electrical cable.
Tighten connecting screws firmly.



Connect Wiring To Hot Side Pump (cont)

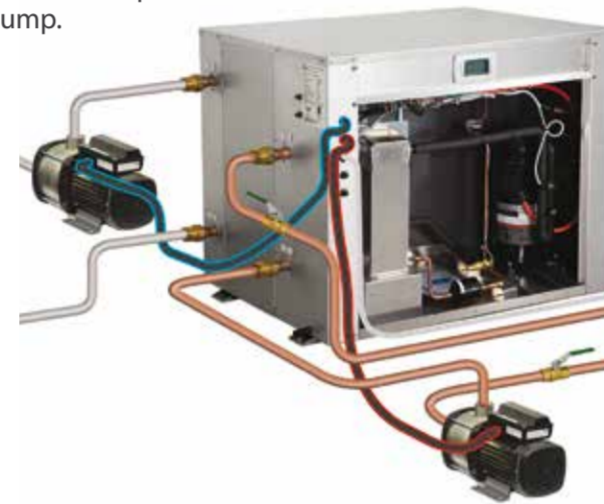
Replace pump cover and screws.

Repeat the wiring process for the Cold Side Pump.



13 Connect Pump Wiring To Heat Pump

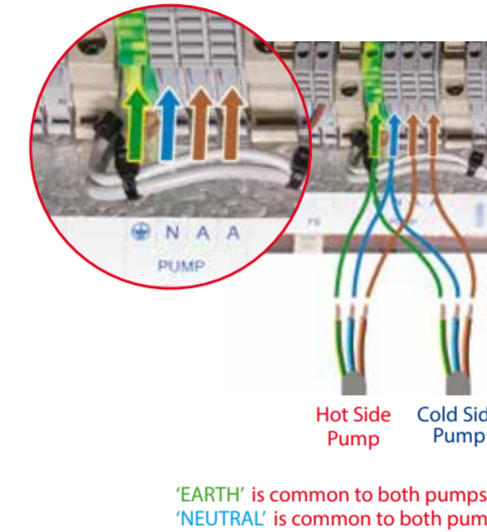
Route the Hot and Cold Side Pump conduits to the Heat Pump.
Use conduit glands.
Secure conduits with cable clamps where required.



Connect Pump Wiring To Heat Pump (cont)

WARNING Isolate mains power before making any connections.

Make the connections for the Hot and Cold Side pump wiring.
Secure wires with screws provided in the Terminal Block.



Connect Pump Wiring To Heat Pump (cont)

Replace the Heat Pump cover panel.
Secure the panel with the three screws.



14 Connect Storage Tank Sensor

Remove the protective cap from one of the tanks.
Make a hole in protective cap. Insert wire through hole all the way into the sensor well.

Replace protective cap and seal hole with sealant.
Clamp cable to storage tank to prevent movement of sensor



Connect Storage Tank Sensor (cont)

Route the sensor cable to the heat pump. Insert the plug into the connector on the heat pump marked 'STORAGE TANK'.

Curl up any excess cable and secure with cable ties.



15 Connect Building Hot Water Sensor

Connect the building hot water sensor. Run the sensor cable to the nearest building flow pipe, after the storage tanks.

Fit a thermostat well (not supplied) in the pipe, ensuring the end of the sensor is in the flow of water.
Alternatively, the sensor can be clamped to the pipework prior to insulation being fitted. the flow of water.



Connect Building Hot Water Sensor (cont)

Route the sensor cable to the Heat Pump. Insert the plug into the connector on the heat pump marked 'BUILDING FLOW'.

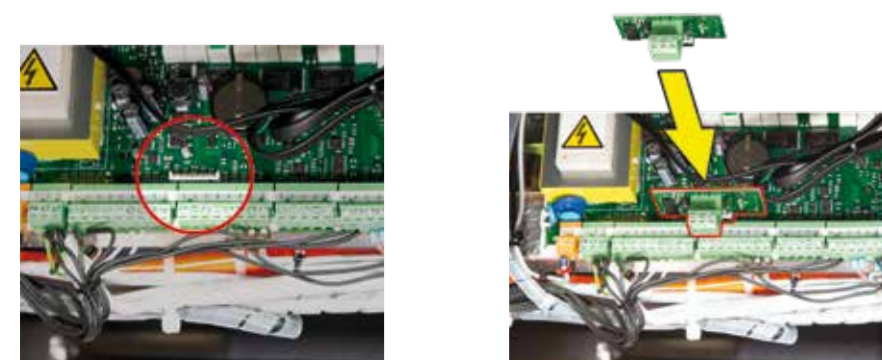
Curl up any excess cable and secure with cable ties.



16 BMS Card Setup (Optional)

(If the BMS card is provided)
Note the location of the BMS connector.

Insert the BMS card into the connector, taking care that the card is firmly placed as shown.



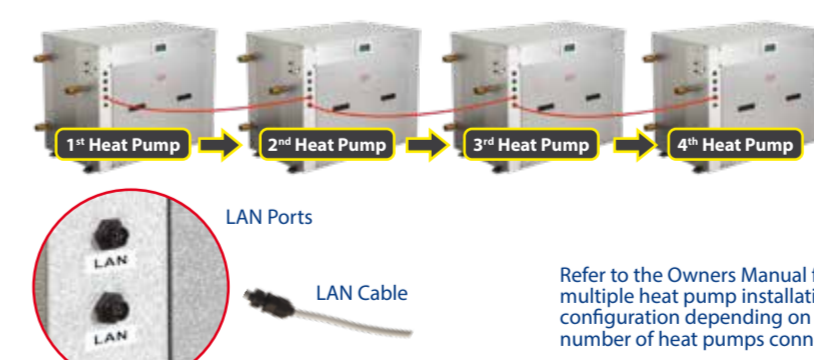
BMS Card Setup (cont)

Keep the BMS card packaging, together with its instruction manual in a secure place for building managers/system owners to configure with their BMS system according to the manual.



17 Multiple Heat Pump Installation

Multiple Heat Pump Installation - LAN cable connection.
Connect multiple heat pumps using LAN cables.
Up to 4 heat pumps can be connected together.
(LAN cables supplied separately - P/N 17534)



Refer to the Owners Manual for multiple heat pump installation configuration depending on the number of heat pumps connected.

18 Commission Unit

Refer to instructions on commissioning the unit.

