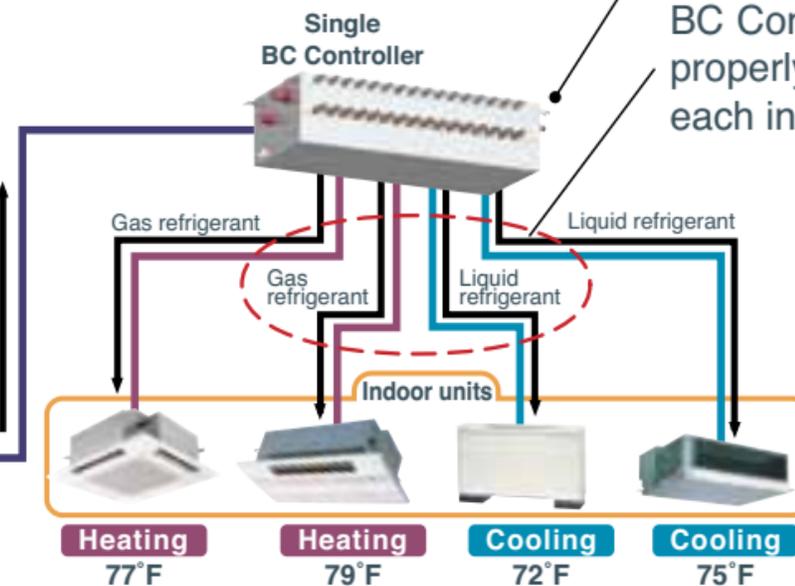


Two-pipe simultaneous operation

High pressure and low pressure decides the compressor frequency and the mode of heat exchanger, and control the amounts of heat exchange.



High pressure gas-liquid 2 phase refrigerant



R2/WR2 refrigerant circuit

Gas-liquid 2-phase refrigerant from outdoor unit is divided into gas refrigerant and liquid refrigerant by gas-liquid separator in BC Controller.

BC Controller divides refrigerant to each indoor unit properly in compliance with the operation mode of each indoor unit.

Adjust the refrigerant flow by temperature difference between inlet and outlet.

--- Meet the demand of cooling / heating flexibility

Heating = gas refrigerant
Cooling = liquid refrigerant