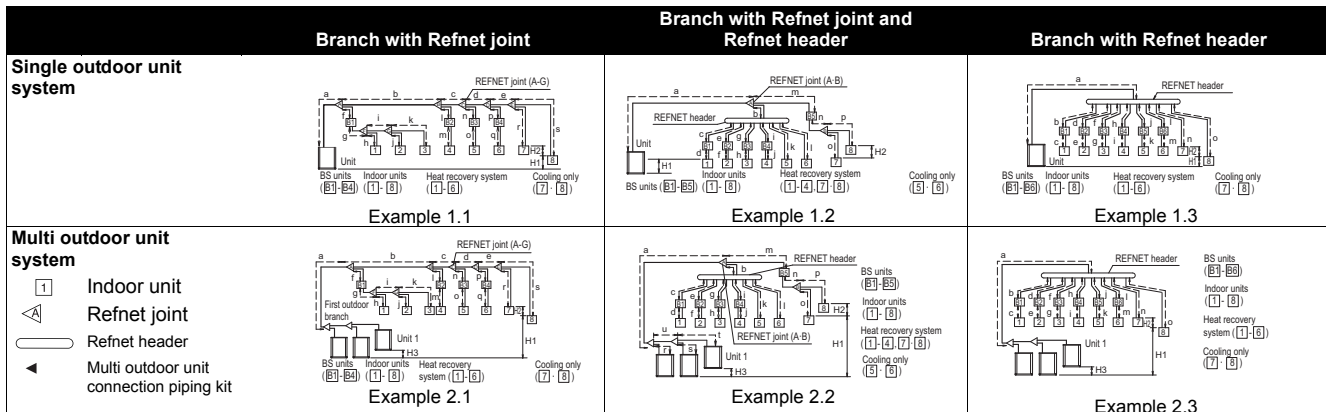


System containing VRV DX indoor units

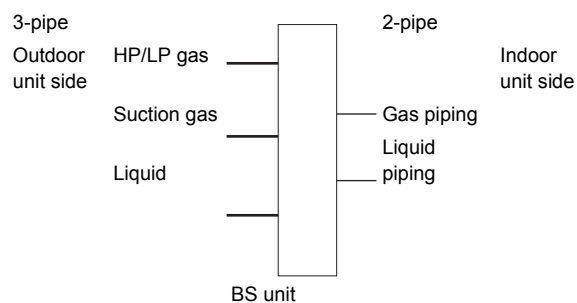
System setup



- Indoor unit
- Refnet joint
- Refnet header
- Multi outdoor unit connection piping kit

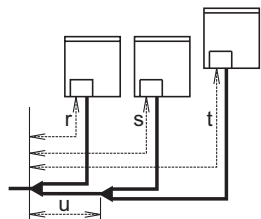
Example of connection in case of heat recovery system

Connection to BS unit



- Piping between outdoor unit and BS unit: thick line (3 pipe)
- Piping between BS unit and indoor unit: thin line (2 pipe)

Example 3: with multi outdoor unit layout



Maximum allowable length

- Between outdoor and indoor units

Actual piping length	120 m	Example 1.1 unit 8: a+b+c+d+e+s≤120 m Example 2.1 unit 8: a+b+c+d+e+s≤120 m	Example 1.2 unit 4: a+b+i+j≤120 m unit 5: a+b+k≤120 m unit 8: a+m+n+p≤120 m	Example 1.3 unit 8: a+o≤120 m unit 4: a+h+i≤120 m
Equivalent length ⁽²⁾	140 m	—	—	—
Total piping length	300 m	Example 1.1 a+b+c+d+e+f+g+h+i+j+k+l+m+n+o+p+q+r+s≤300 m Example 2.1 a+b+c+d+e+f+g+h+i+j+k+l+m+n+o+p+q+r+s≤300 m	—	—

- Between outdoor branch and outdoor unit (only in case >10 HP)

Actual piping length	10 m	Example 3 r, s, t≤10 m; u≤5 m
Equivalent length	13 m	—

Maximum allowable height difference

H1	≤50 m (40 m) (if outdoor is located below indoor units)
H2	≤15 m
H3	≤2 m