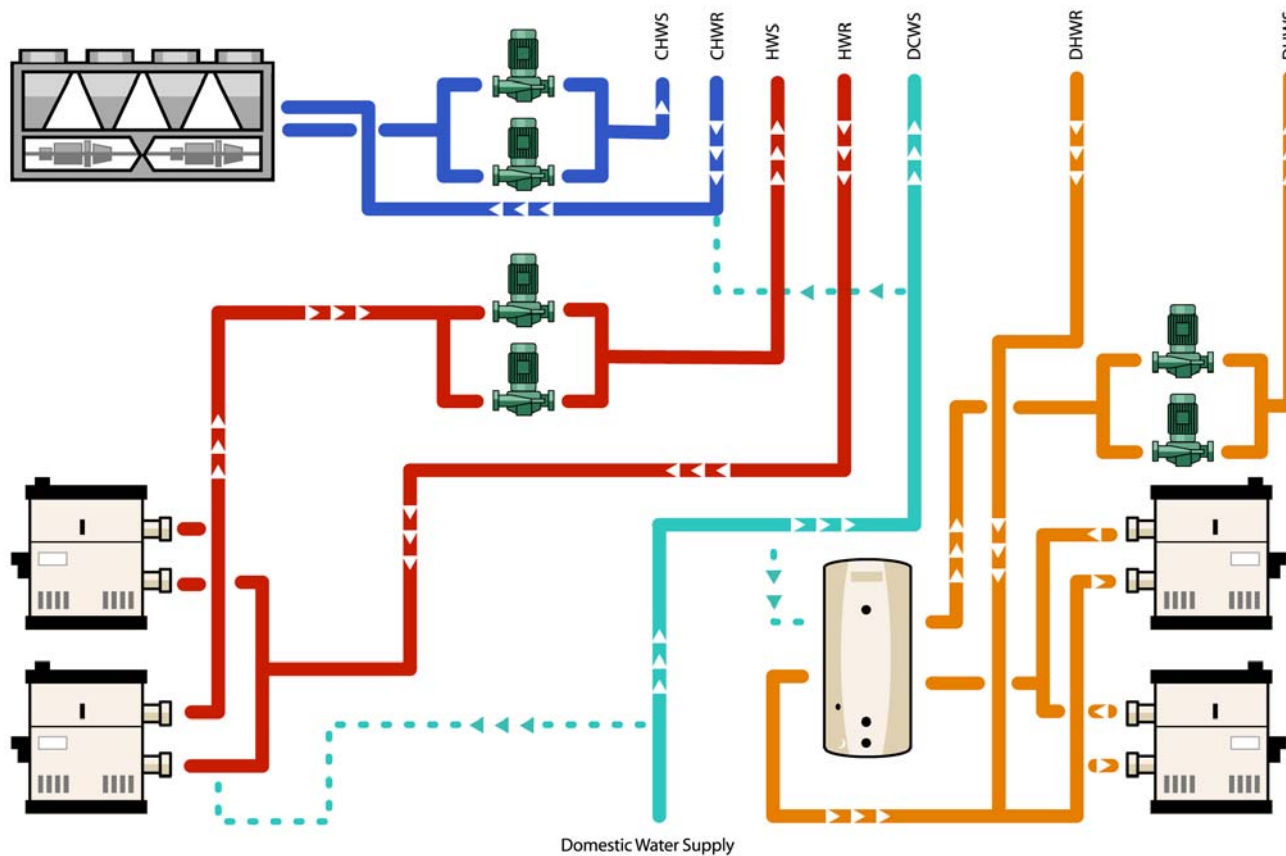


IPS - System Comparison

4-Pipe Hydronic



Advantages:

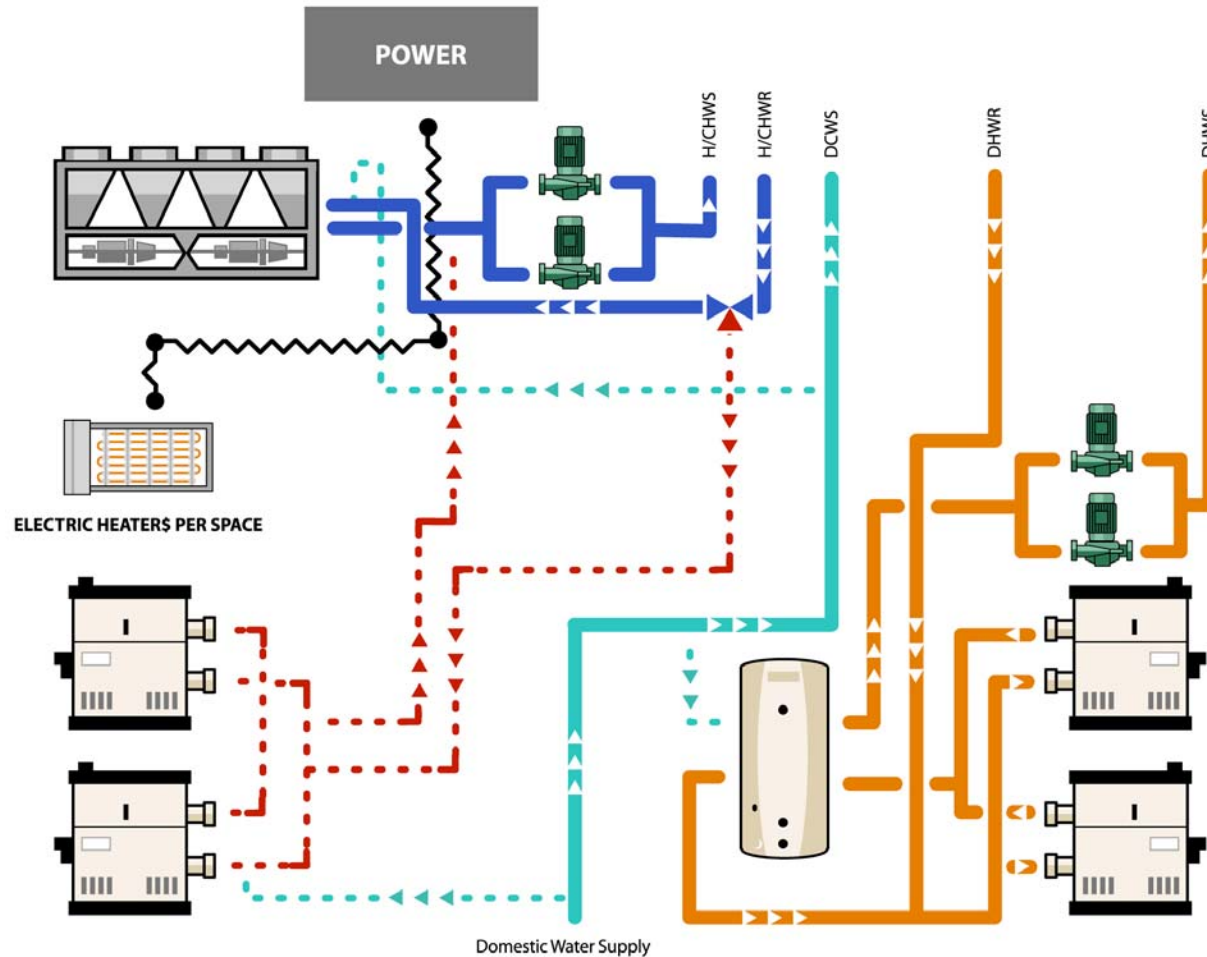
- Superior Comfort
- Superior Efficiency

Disadvantages:

- Higher Installed Costs

IPS - System Comparison

2-Pipe Hydronic



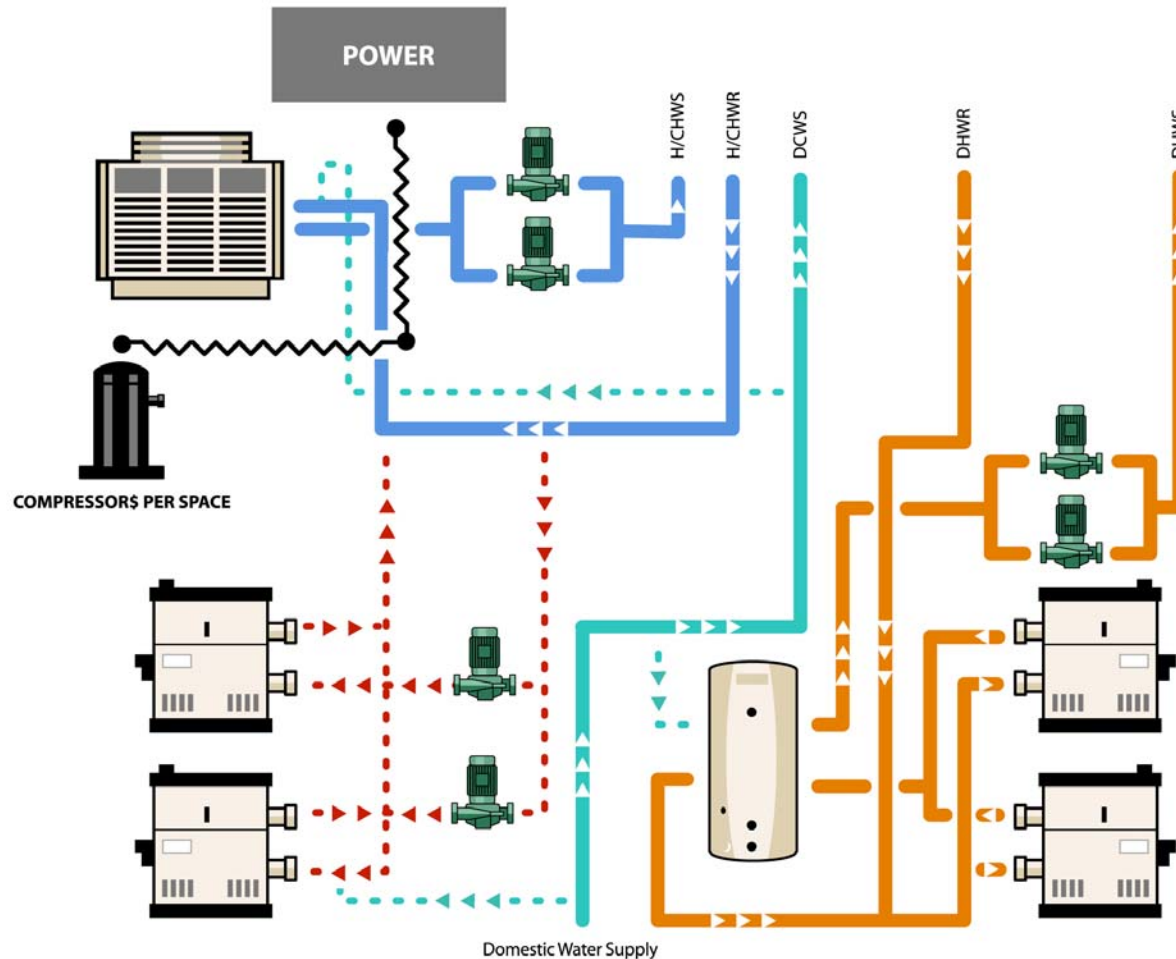
Advantages:

- Reduced Installed Costs.
- Central Chiller Efficiency

Disadvantages:

- Electric Heat
- Managing the Changeover
- Potential Loss of Comfort Control

IPS - System Comparison Water Source Heat Pump



Advantages:

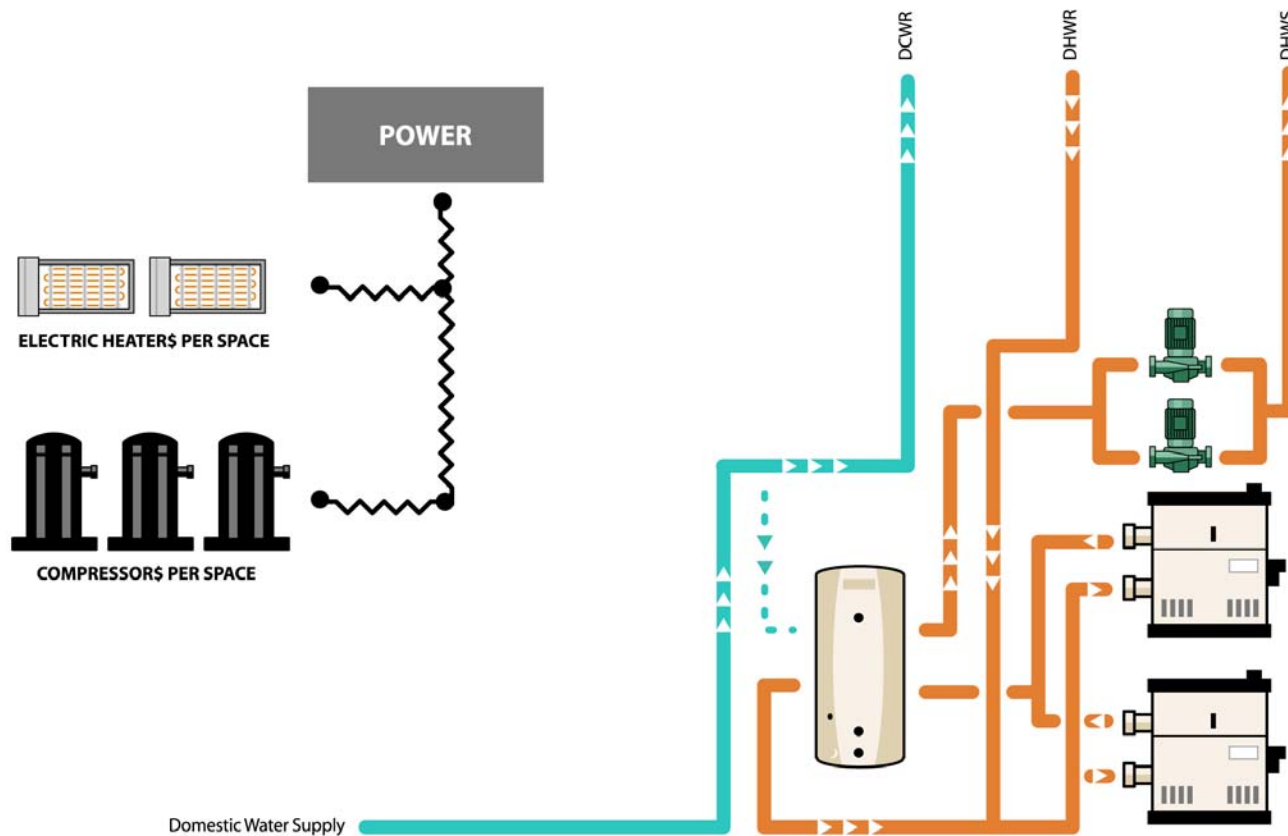
- Provides Heating and Cooling
- Reduced Installed Costs
- No Chiller

Disadvantages:

- Compressor in Every Space
- Compressor Heating is Electric Heat
- Potentially No Heat to Transfer

IPS - System Comparison

Packaged Terminal AC



Advantages:

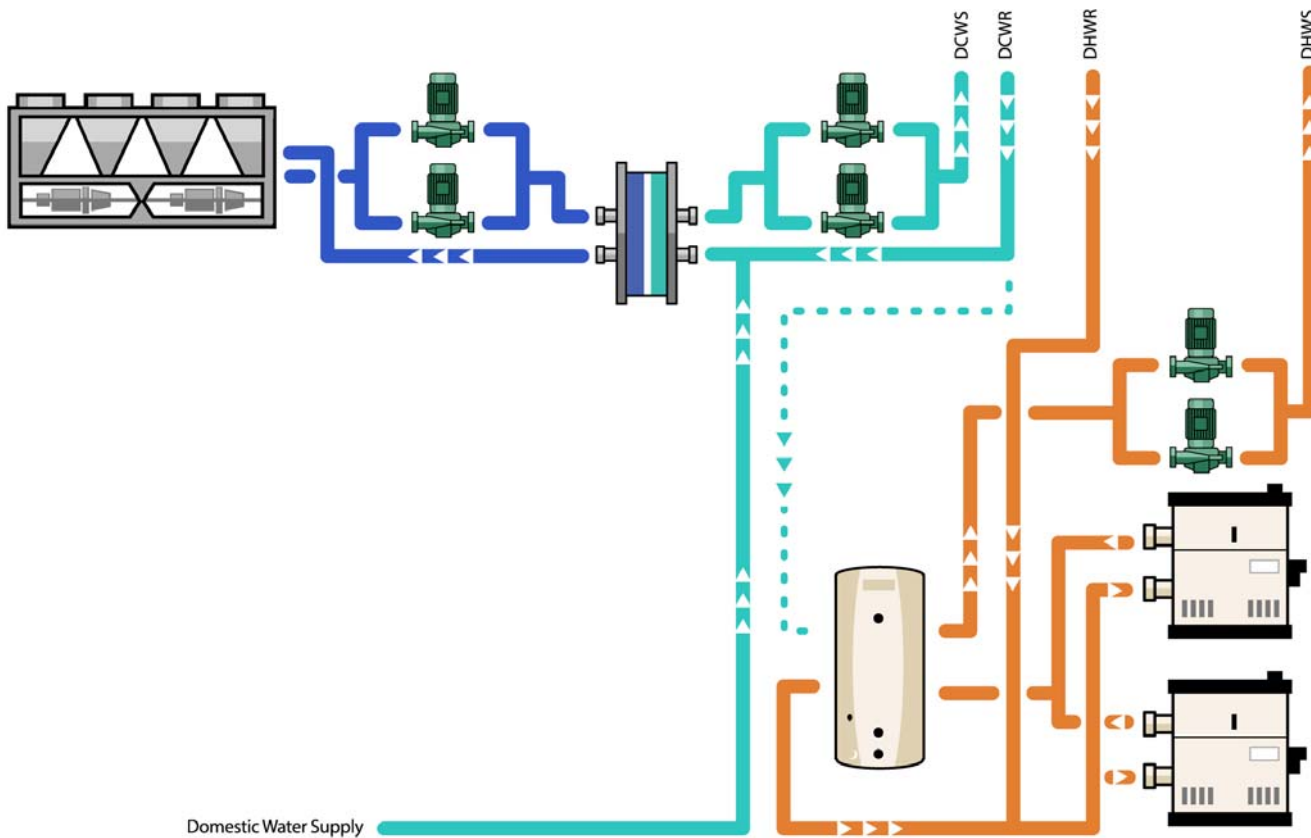
- Provides Heating and Cooling
- Lowest Installed Costs

Disadvantages:

- Highest Cost to Operate
- Noisiest Equipment Choice
- Least Comfortable
- Most Invasive to Building Envelope (16"X42" Punch-outs in Every Room)

IPS - System Comparison

Integrated Piping System



Advantages:

- Quiet, Comfortable Heating and Cooling
- Significantly Reduced Installed Costs
- Heat Recovery and Economizers

Disadvantages:

- Requires Domestic Water Piping Throughout Building