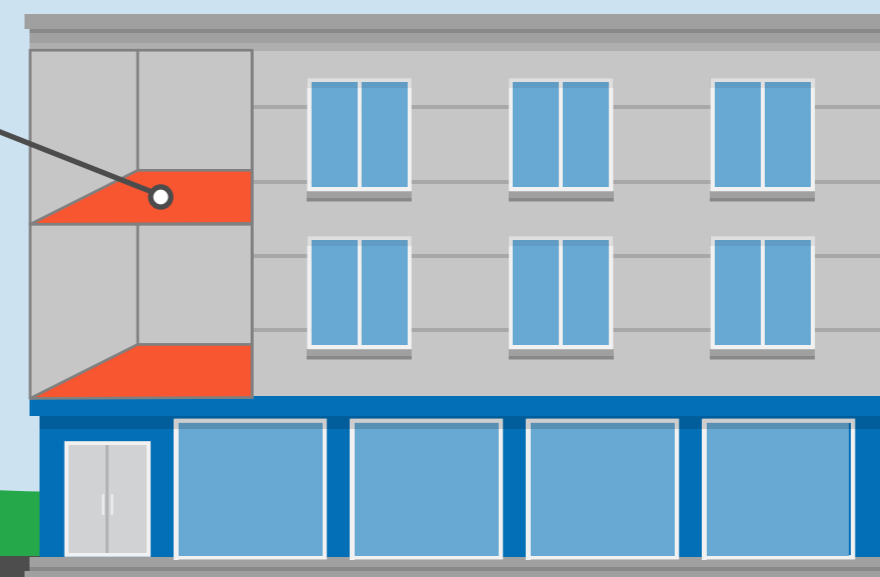
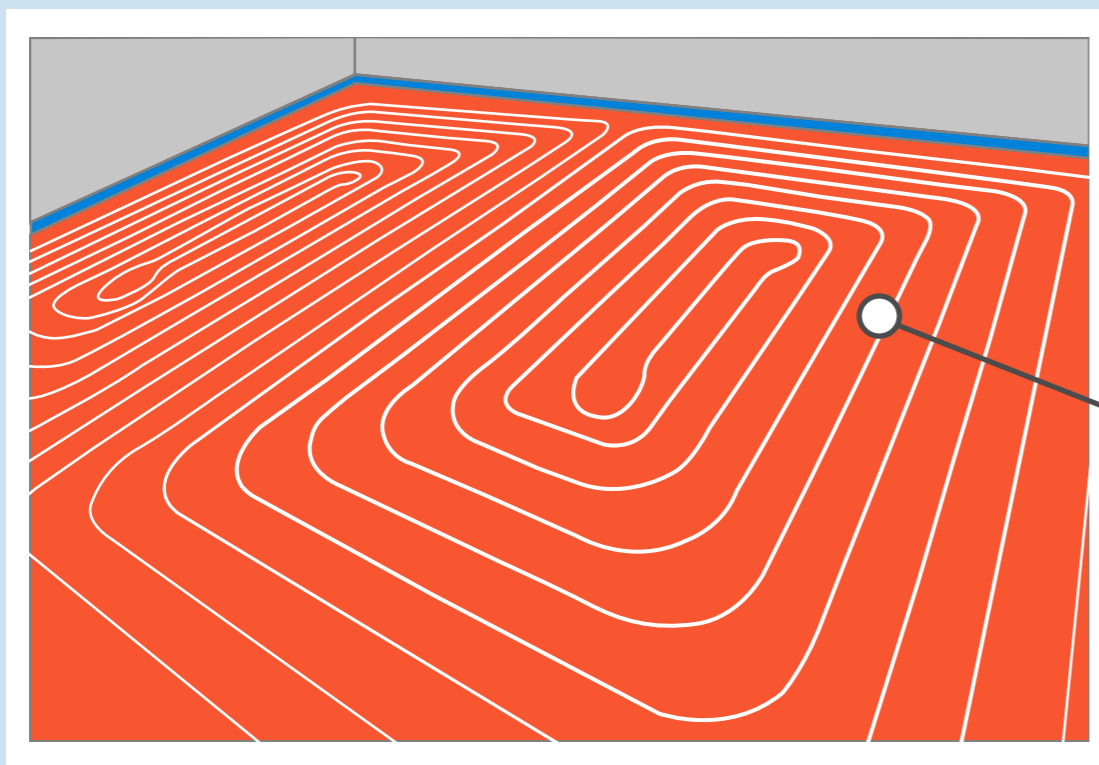


Typical in-floor heating systems use hot water piping embedded in floor materials to heat space from the floor upwards. In-floor heating is perceived as a luxury feature, improving marketability of high value units while moderating energy usage.



Pros

In-floor heating provides improved thermal comfort for occupants compared to air-based systems which can result in reduced heating energy use. In-floor systems take up less floor space than most alternatives and make less noise: since heat is delivered through the floor, fancoil or compressor units are not required for heating.

After installation, in-floor systems need minimal maintenance and can be controlled by most smart thermostats.

Cons

In-Floor systems can be more expensive than alternatives, especially if space cooling is required. A separate cooling system may be necessary but it is also possible to use the in-floor system for cooling with some limitations.