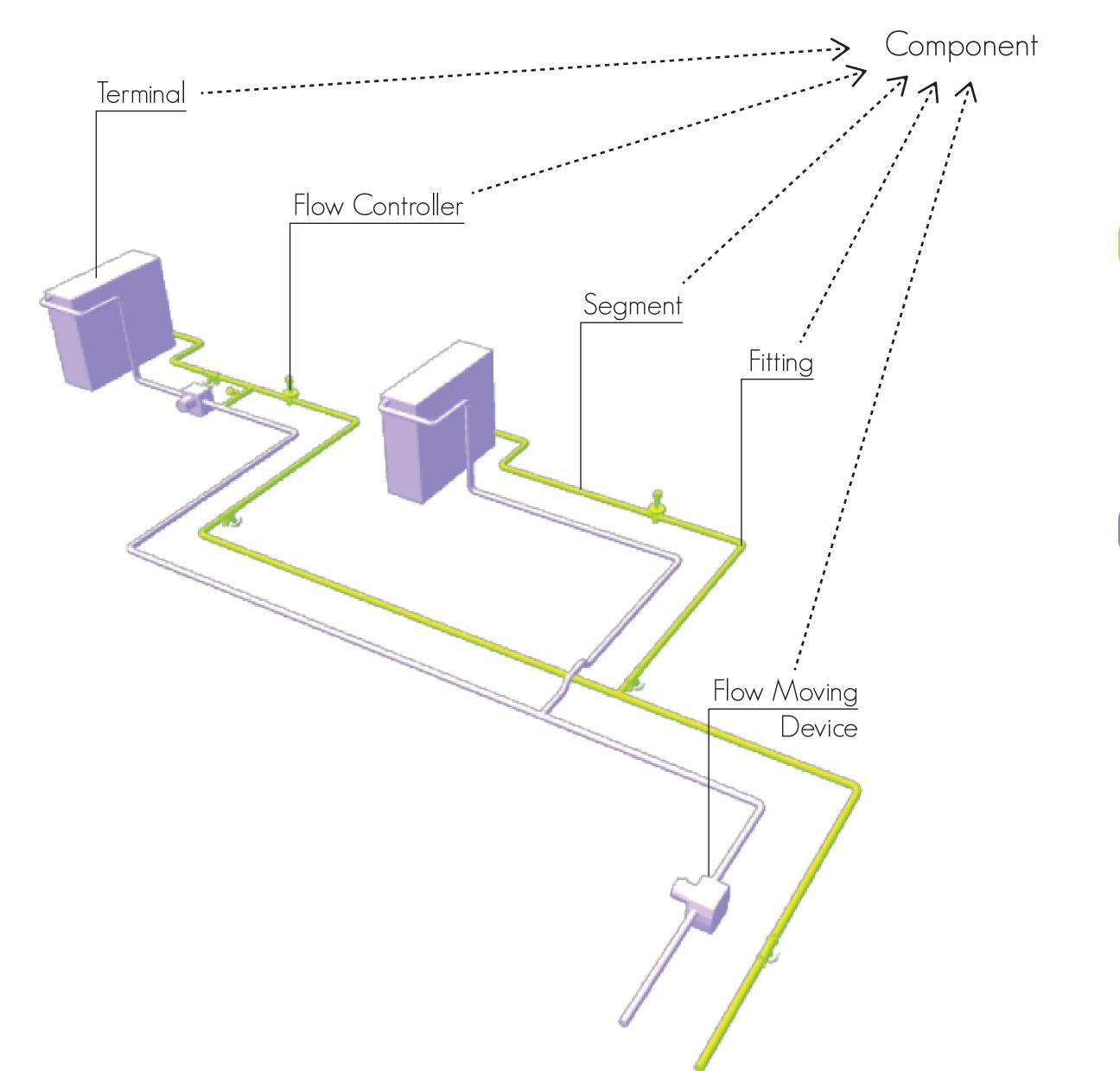
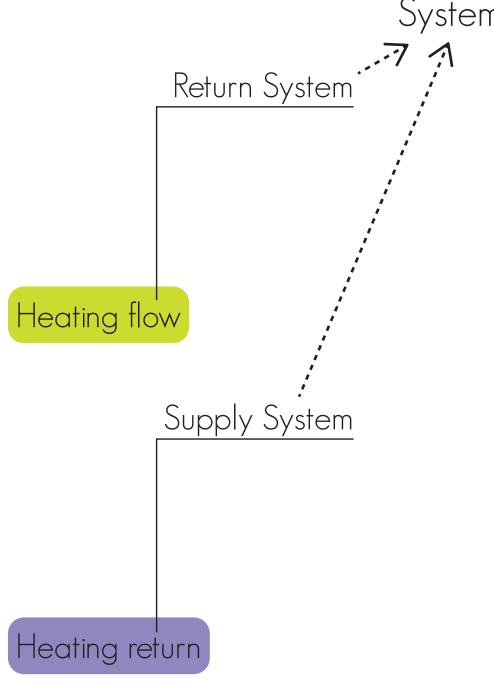
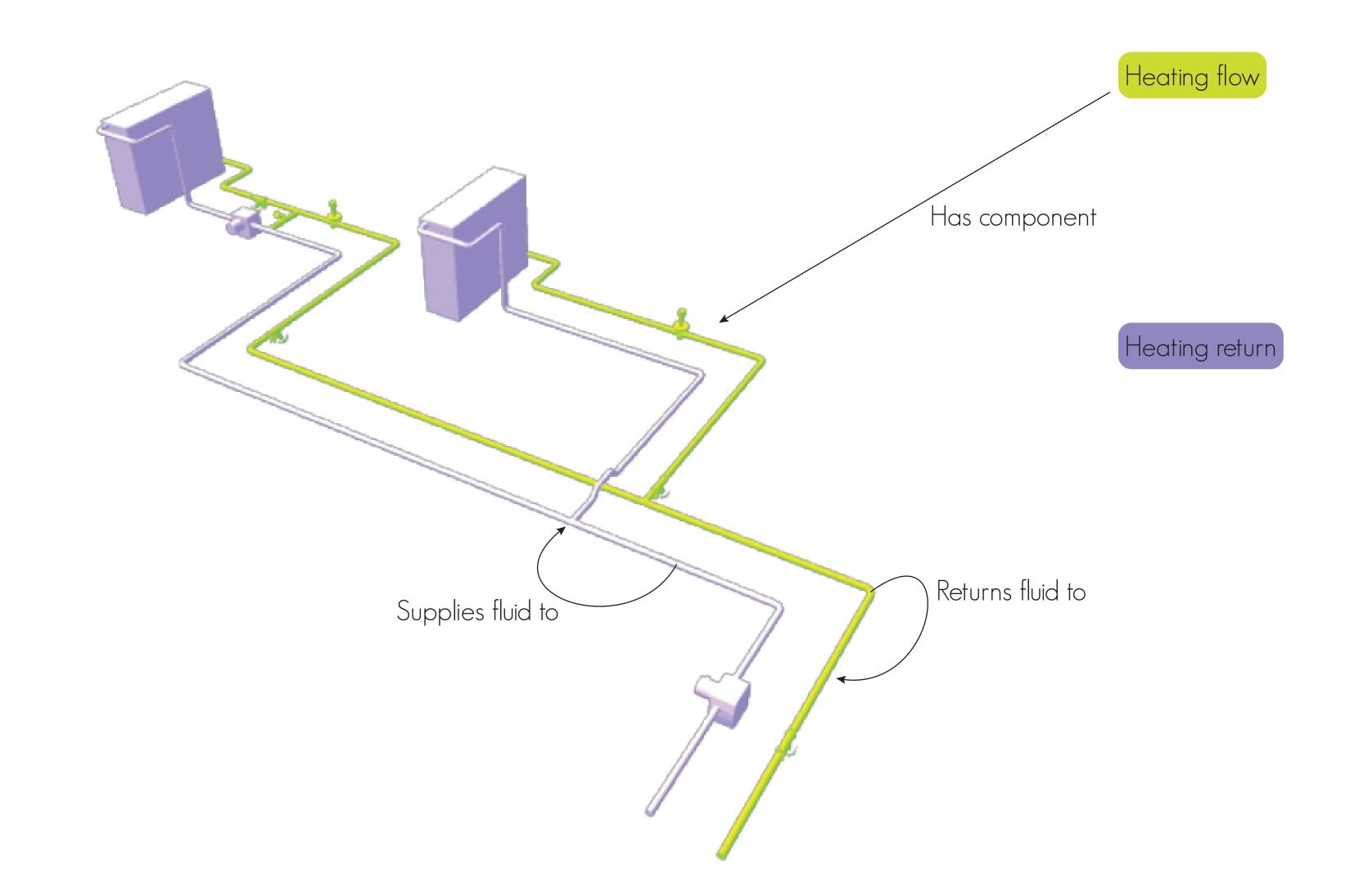
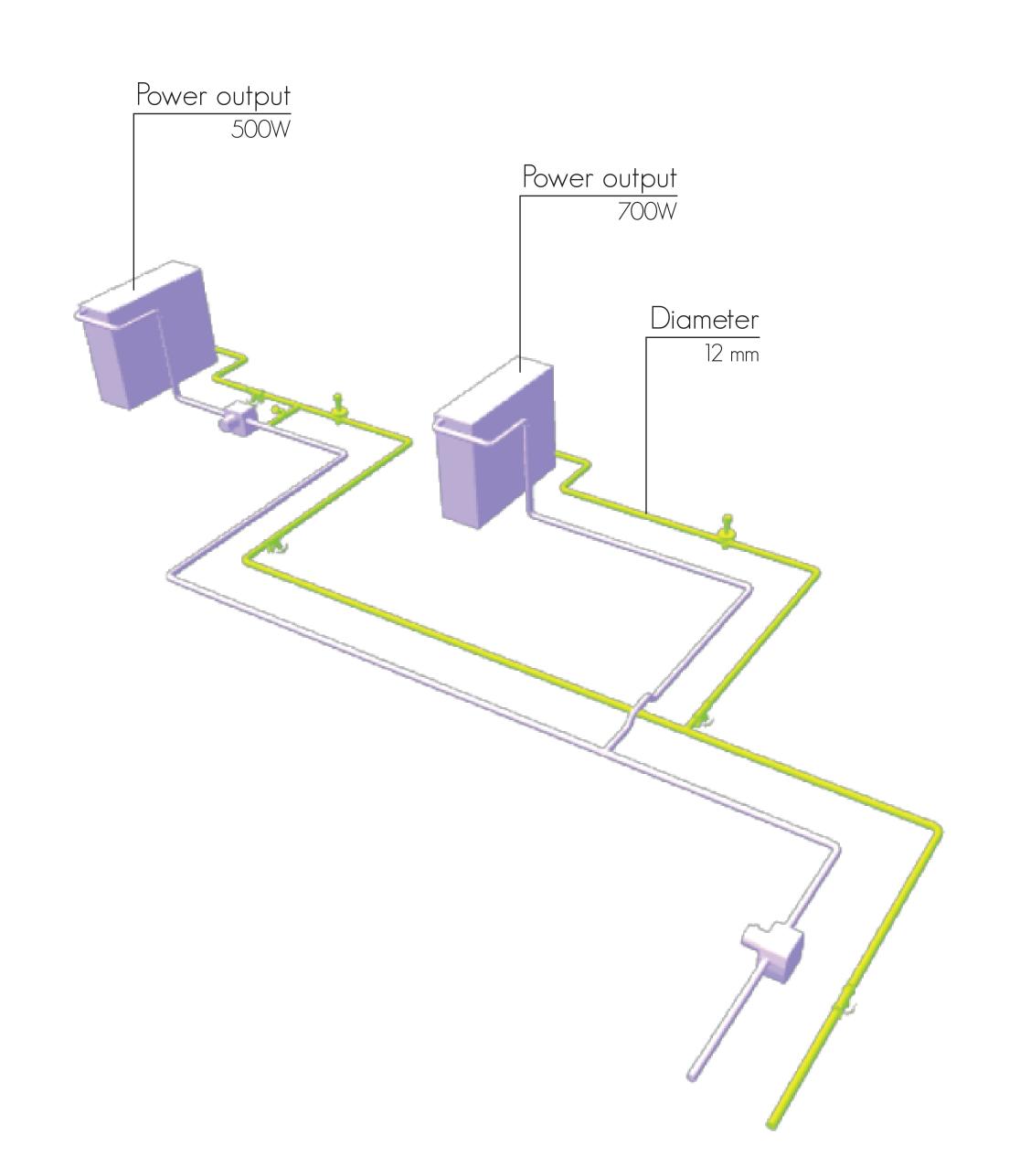
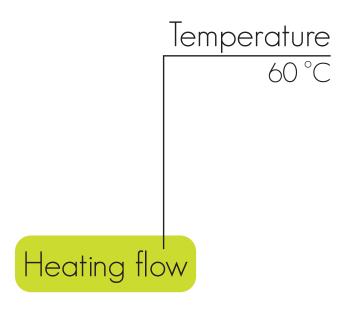
Subclass of

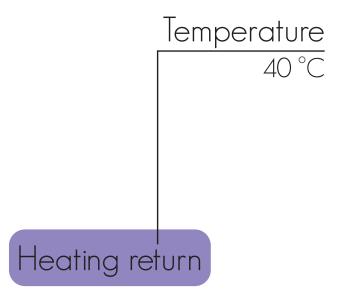


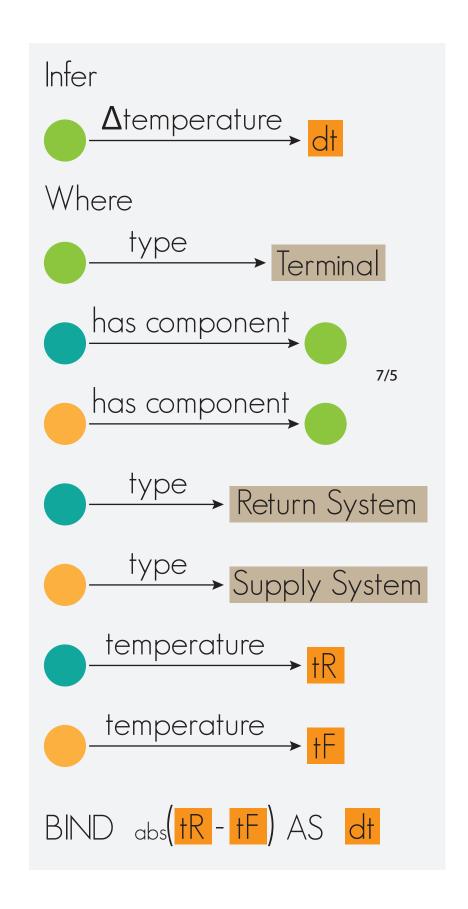


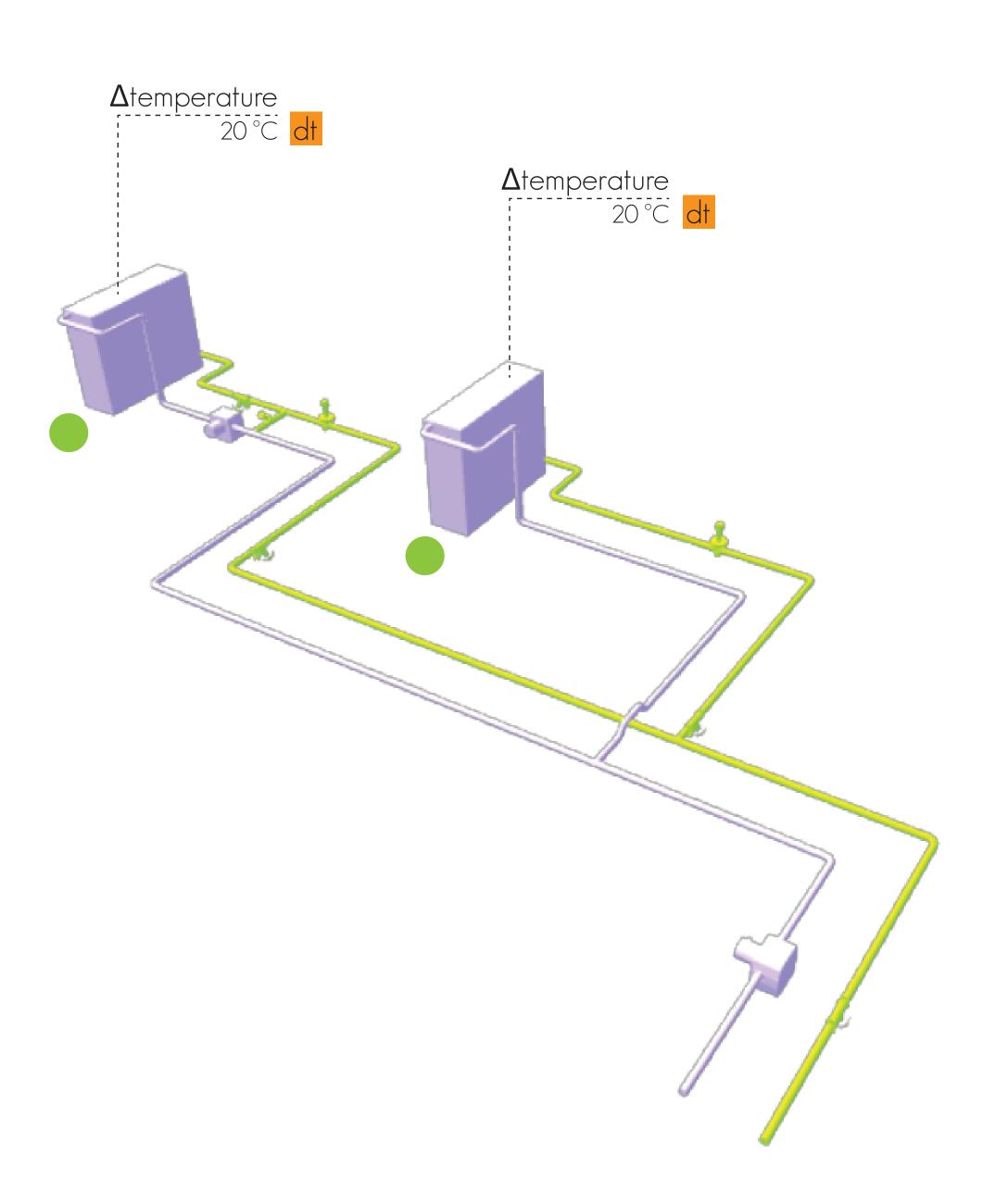


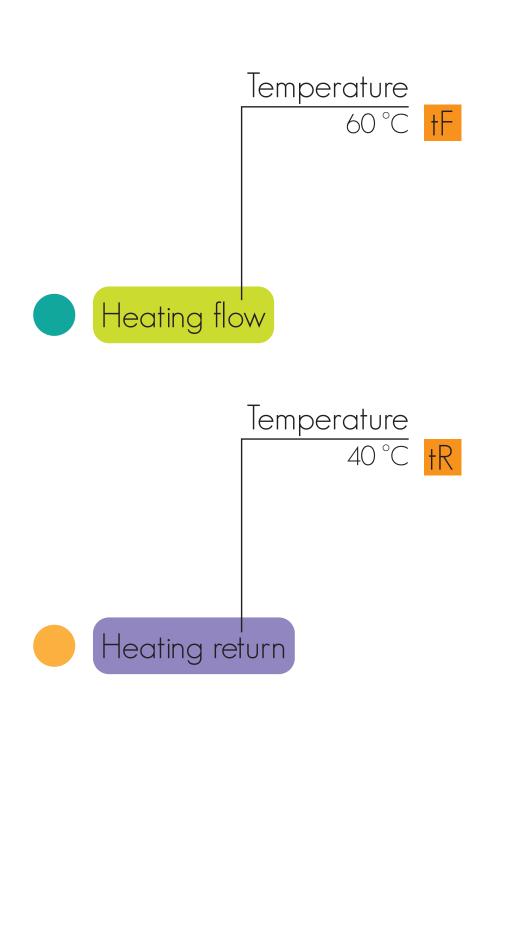




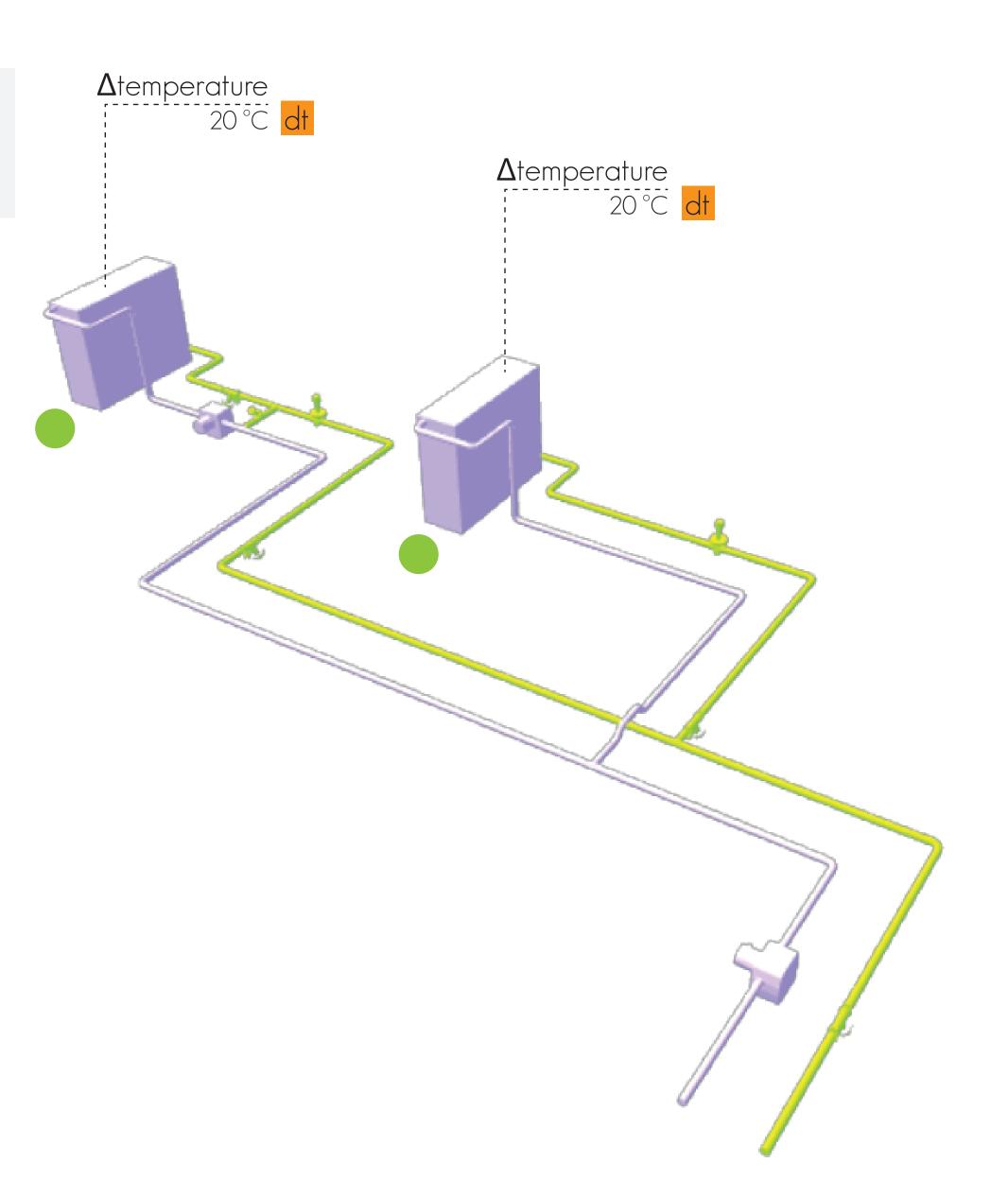


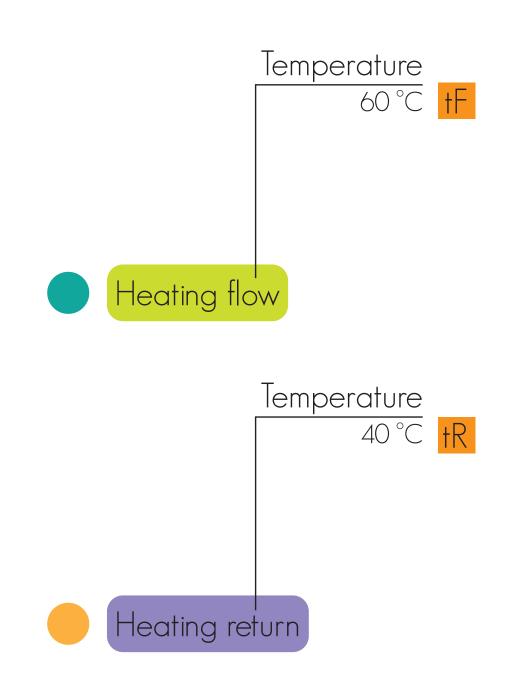




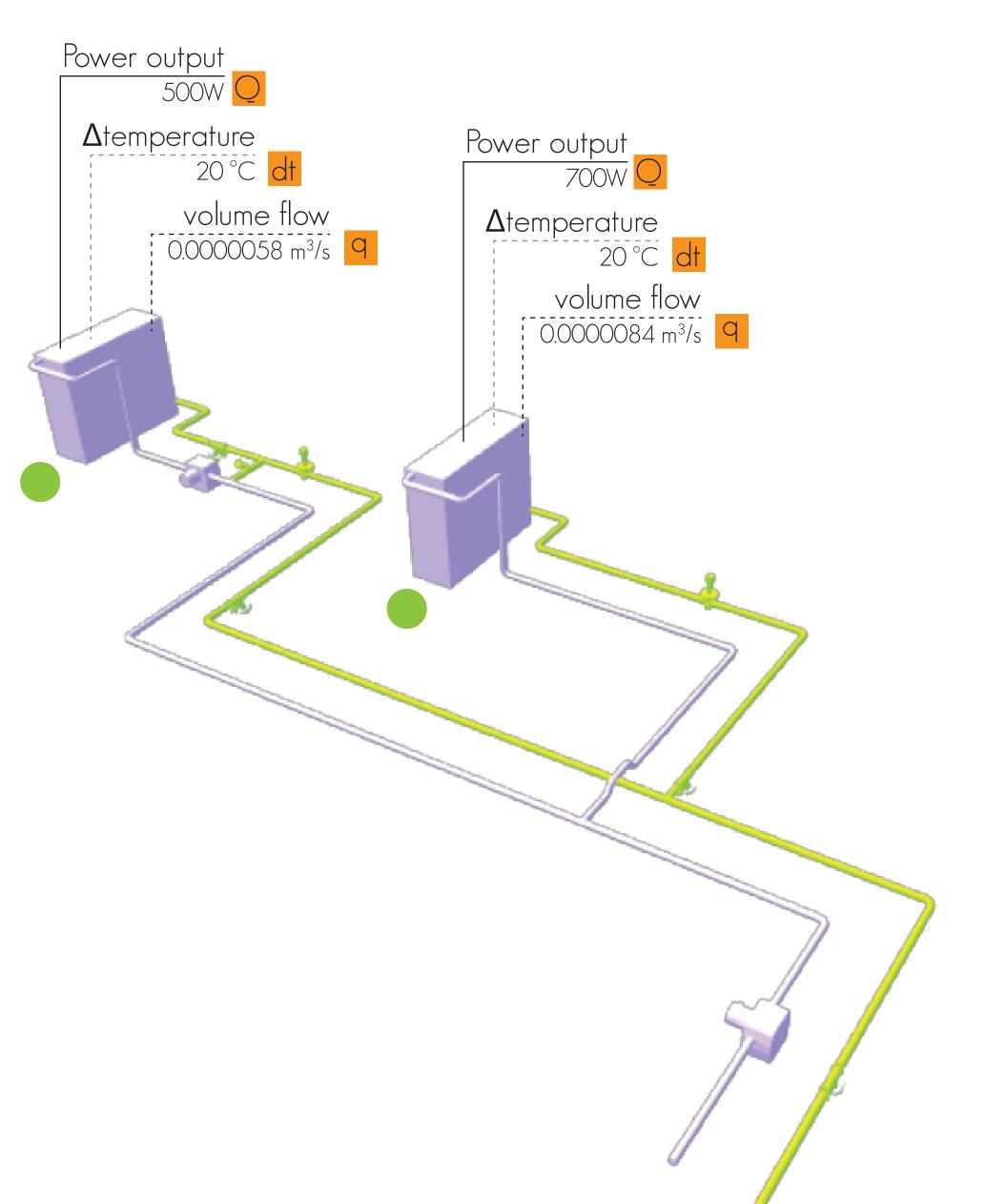


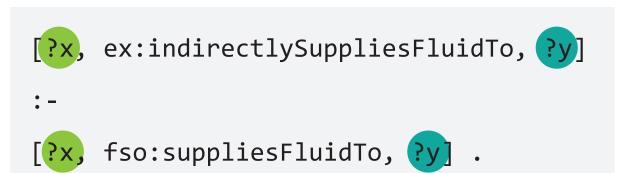
```
[ ?t , ex:fluidTemperatureDifference, ?dt ]
:-
[ ?t , a, fso:Terminal ],
[ ?sysR , fso:hasComponent, ?t ],
[ ?sysF , fso:hasComponent, ?t ],
[ ?sysR , a, fso:ReturnSystem ],
[ ?sysF , a, fso:SupplySystem ],
[ ?sysR , ex:temp, ?tR ],
[ ?sysF , ex:temp, ?tF ],
BIND(abs(?tR-?tF) AS ?dt).
```

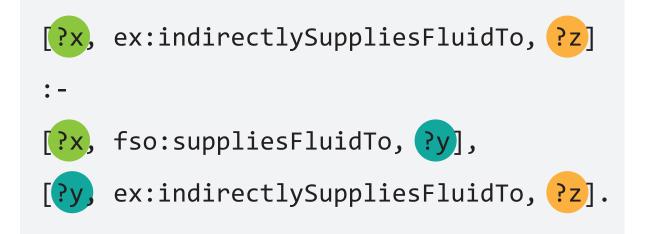


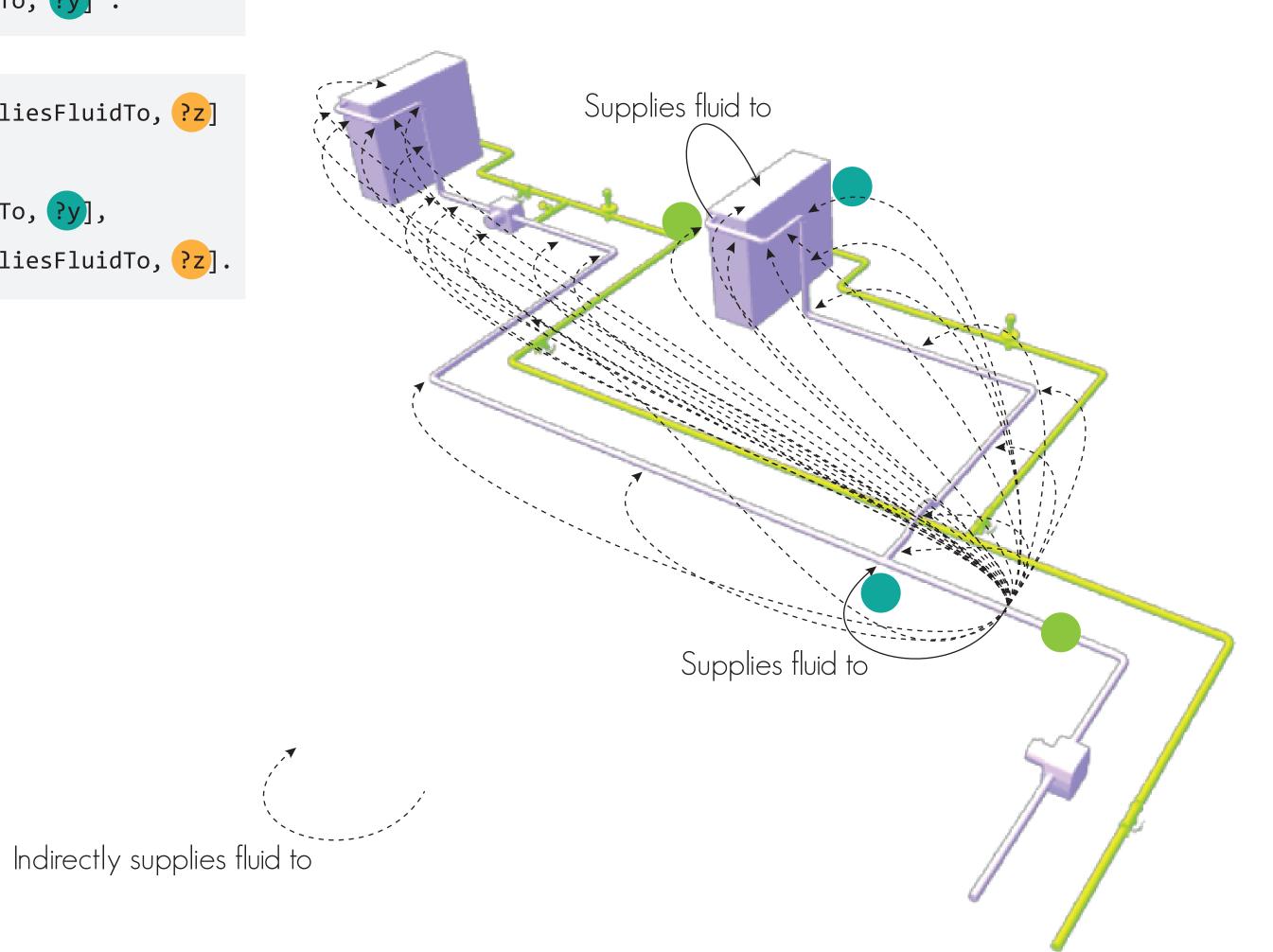


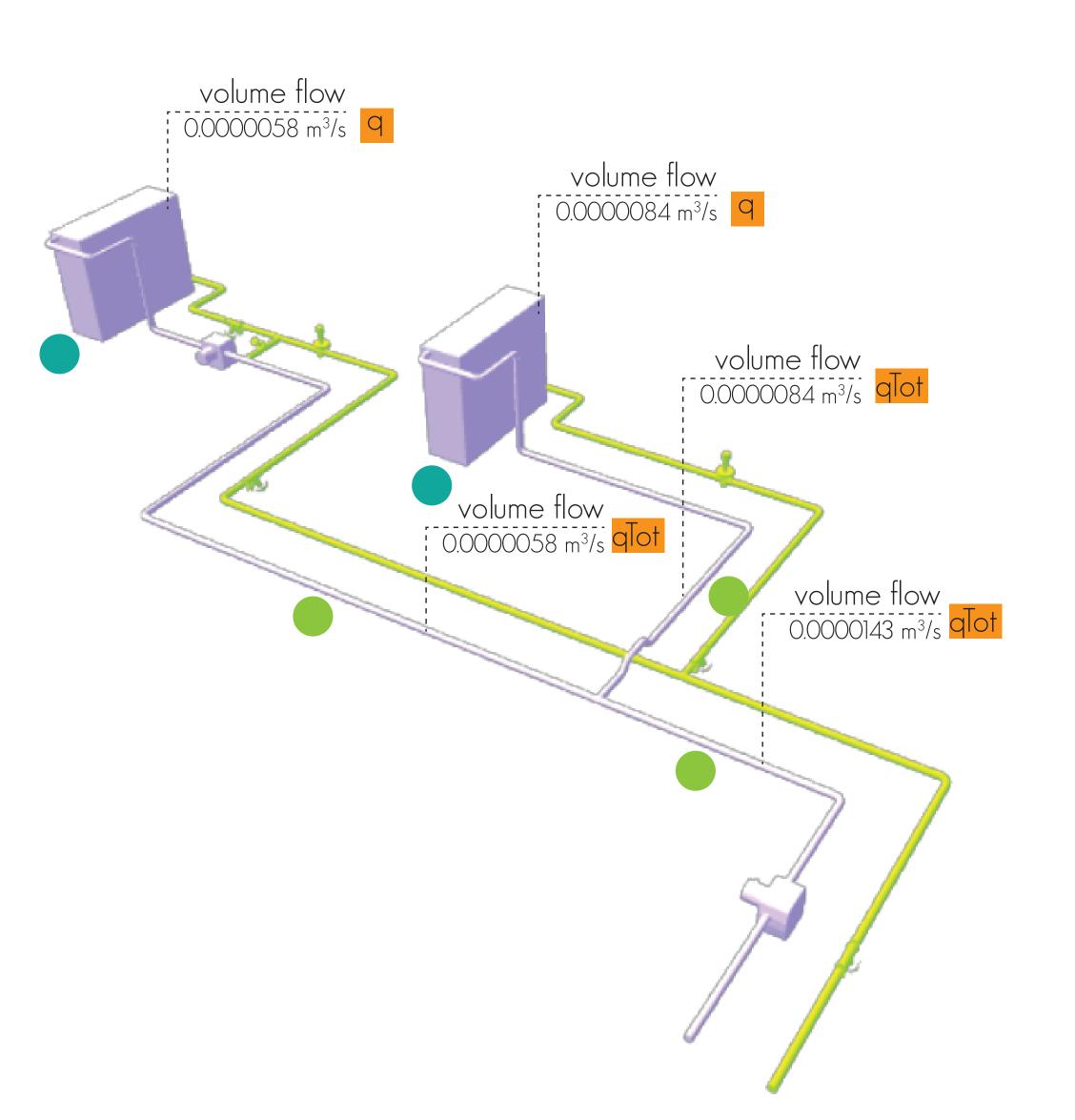
```
[?t, ex:terminalVolumeFlow, ?q]
:-
[?t, a, fso:Terminal],
[?t, ex:fluidTemperatureDifference, ?dt],
[?t, ex:powerOutput, ?Q],
BIND( (0.86 *(?Q/?dt)/1000/3600) AS ?q).
```



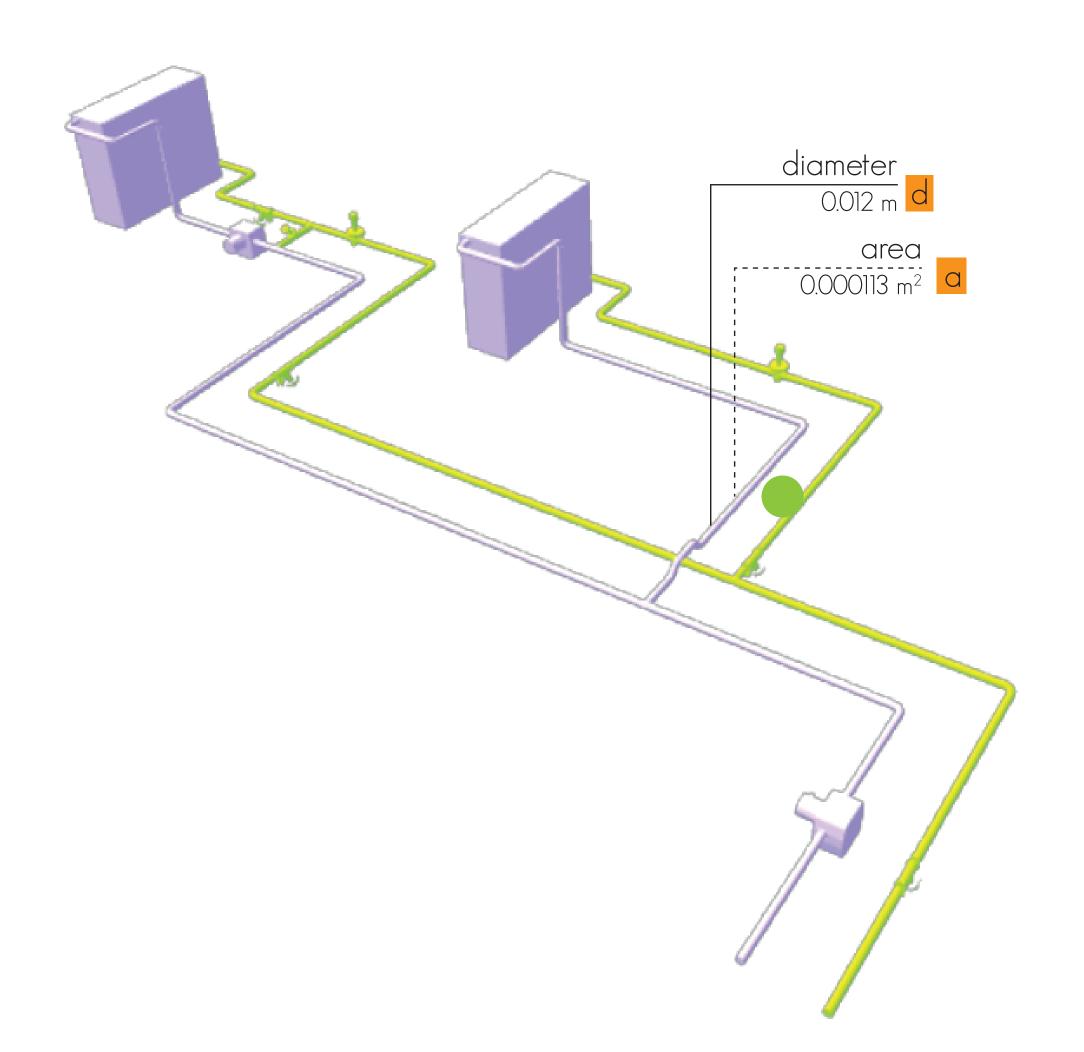








[?s, ex:innerCrossSectionalArea, ?a]
:[?s, a, fso:Segment],
[?s, ex:innerDiameter, ?d],
BIND(PI() * POW((?d/2), 2) AS ?a).



Heating flow

[?s, ex:fluidVelocity, ?v]
:[?s, a, fso:Segment],
[?s, ex:innerCrossSectionalArea, ?a],
[?s, ex:segmentVolumeFlow, ?q],
BIND(?q/?a AS ?v).

