

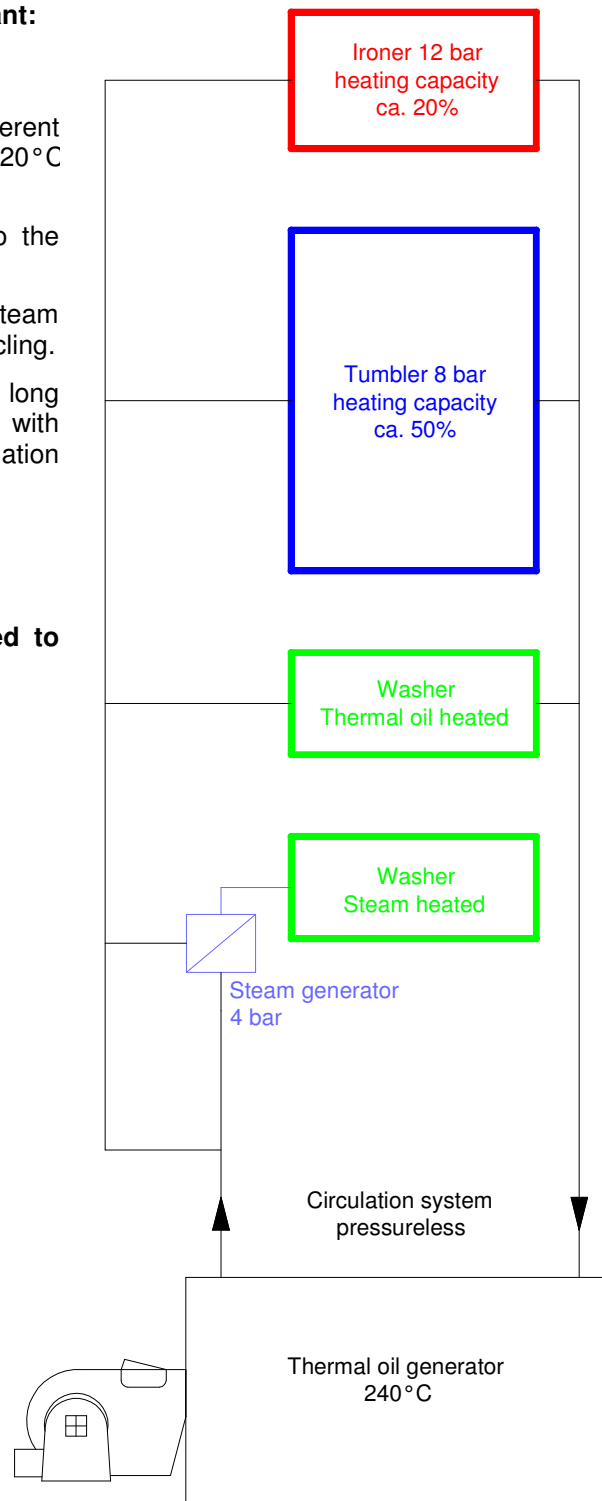
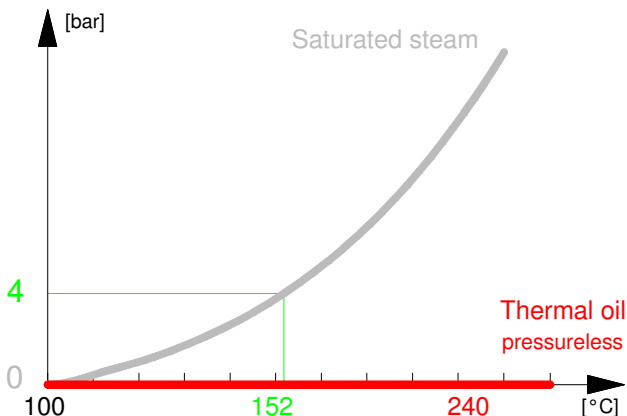
# Laundries heated with thermal oil

## Advantages for the owner of a thermal oil heating plant:

- Efficient heating of dryers and ironers
- Best conditions for the ironer to process the different textiles: operating temperatures between 180 and 220°C with an injection regulation.
- Washing machines could be connected directly to the thermal oil installation.
- Washing machines could also be connected with a steam generator of only 4 bar without any condensate recycling.
- Easy starting by pushing the button; also after long breaks because the thermal oil system keeps filled with thermal oil which is protecting the whole installation against corrosions.

## Advantages of thermal oil heating plants compared to high pressure steam heating plants:

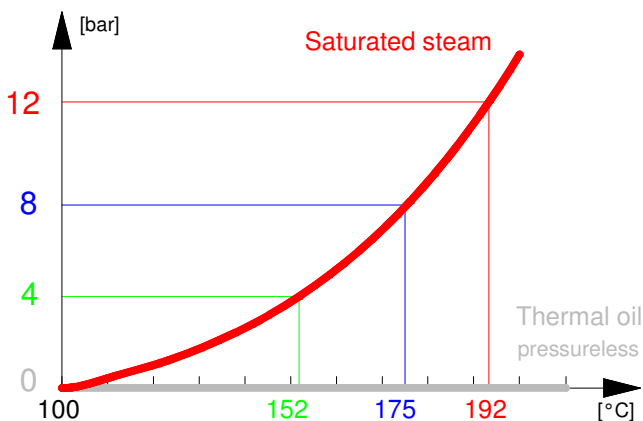
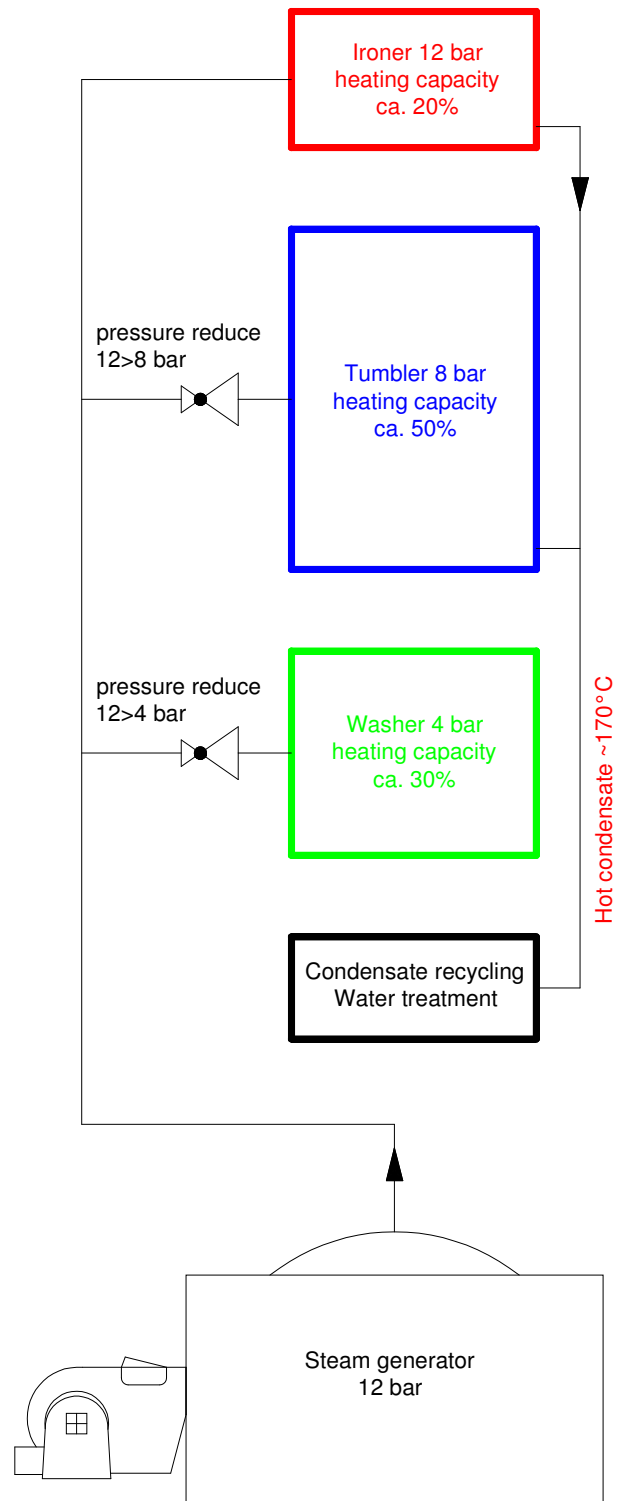
- Simple installations and placements
- 30 - 40% less investment costs
- No corrosions and less maintenance costs
- Higher efficiency of the heating plant
- Pressureless system
- High security and a longer life



# Laundries heated with high pressure steam

## Characteristics of a steam-heating plant

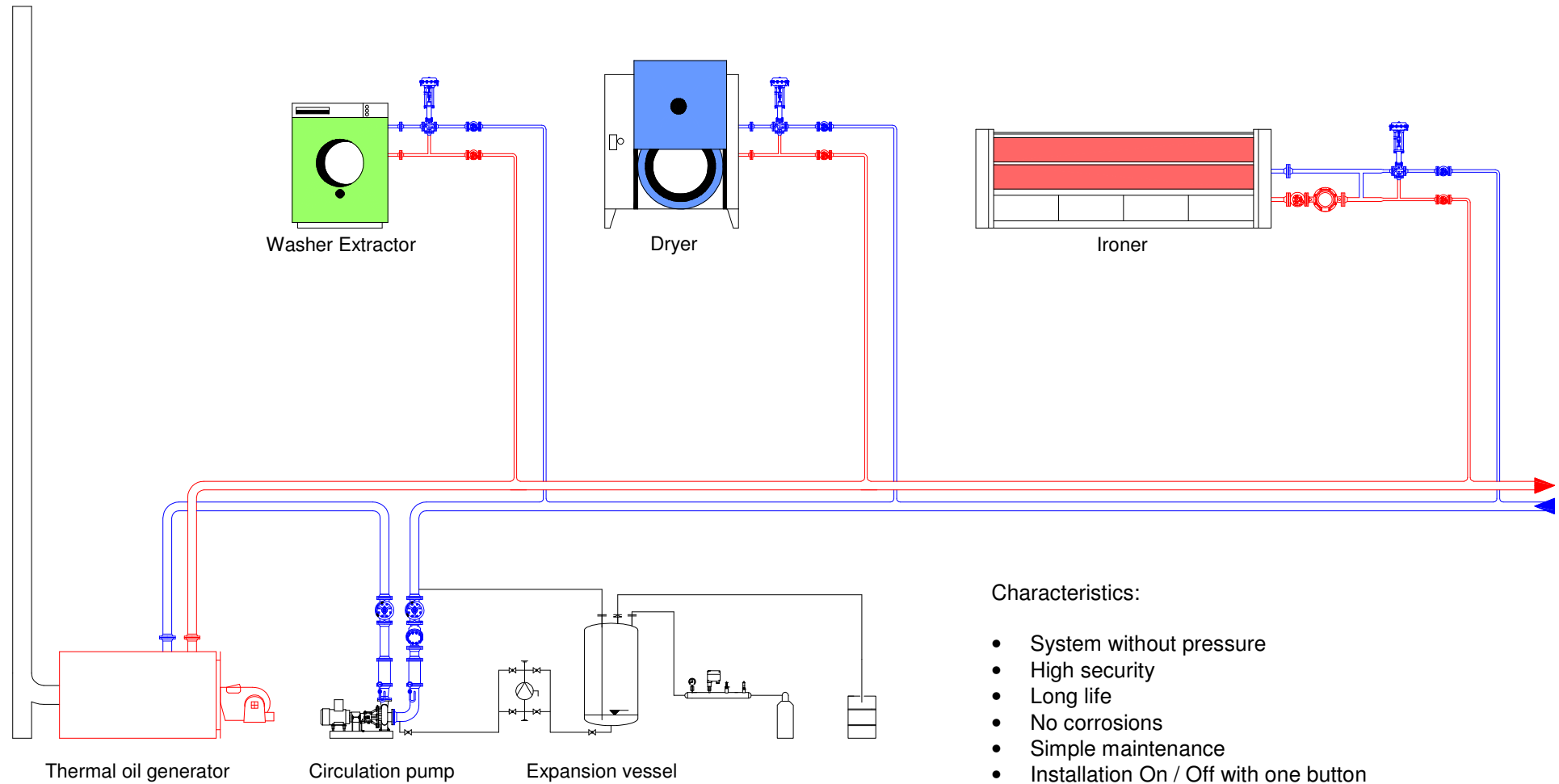
- Danger of the high pressure in the system
- Periodical inspections, requirements and placement agreements
- Chemical consumption
- Losses of condensate and energy
- Daily works
- Corrosions
- The installation needs more valves and apparatus as a thermal oil heating plant. Therefore the steam heating plant investment is 30-40% higher.
- It does not make sense to produce high pressure steam to heat only the ironer because all other machines don't need such a high pressure. Therefore the high pressure must be reduced/destroyed before every machine!
- Today, high pressure steam should only be used in industries which really need steam.
- Condensate recycling and the water treatment need expensive arrangements.



Regiomat works together with machine suppliers and engineers itself complete laundry installations, including the assembling, delivery and startings.

# Diagram of a thermal oil heating plant

## Machines directly heated with thermal oil

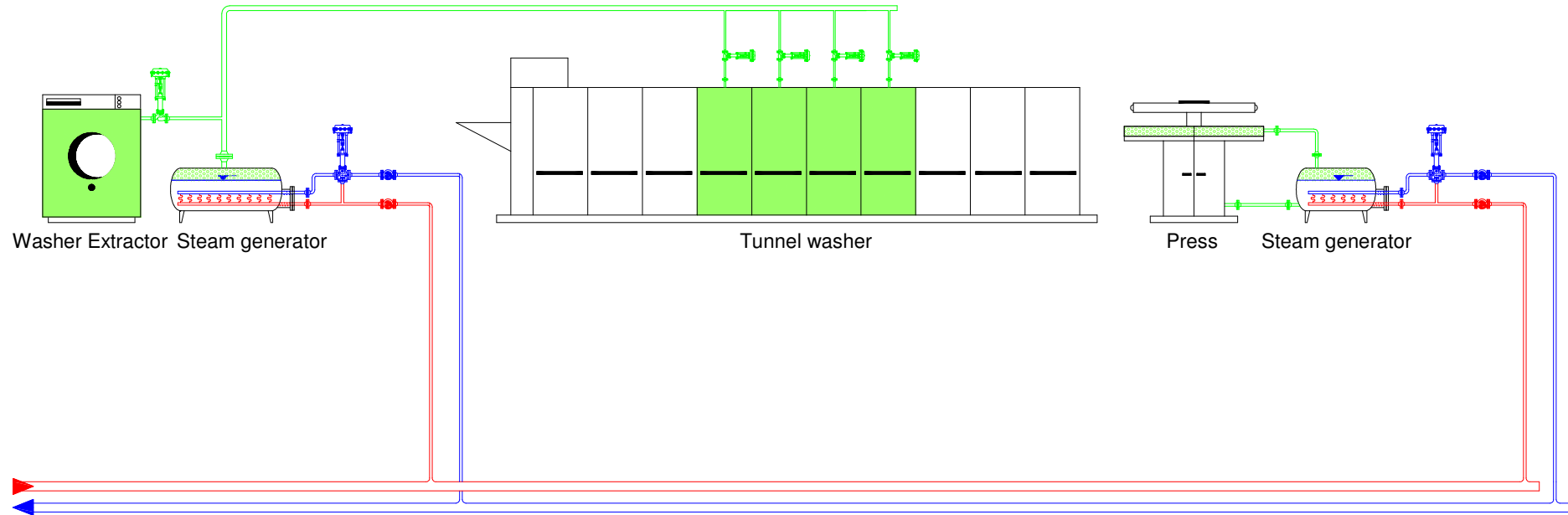


### Characteristics:

- System without pressure
- High security
- Long life
- No corrossions
- Simple maintenance
- Installation On / Off with one button

# Diagram of a thermal oil heating plant

## Machines indirectly heated with thermal oil / steam



The use of thermal oil in laundries has important advantages for the owner:

- The washing water is heated up to 95°C with Low-Pressure-Steam
- It is simple to generate steam of 4 bar
- No condensate recycling and no water treatment
- Simple installations and placements
- 30 - 40% less investment costs as a steam plant
- No danger of high pressure steam
- No losses of condensate and energy
- No corrosions