

# Chemical Equipment Parameter Report

Report generated on: 2025-11-15 11:31:41

Dataset ID: 25

File Name: sample\_equipment\_data\_1.csv

Total Equipment Count: 5

Average Flowrate: **100.00**

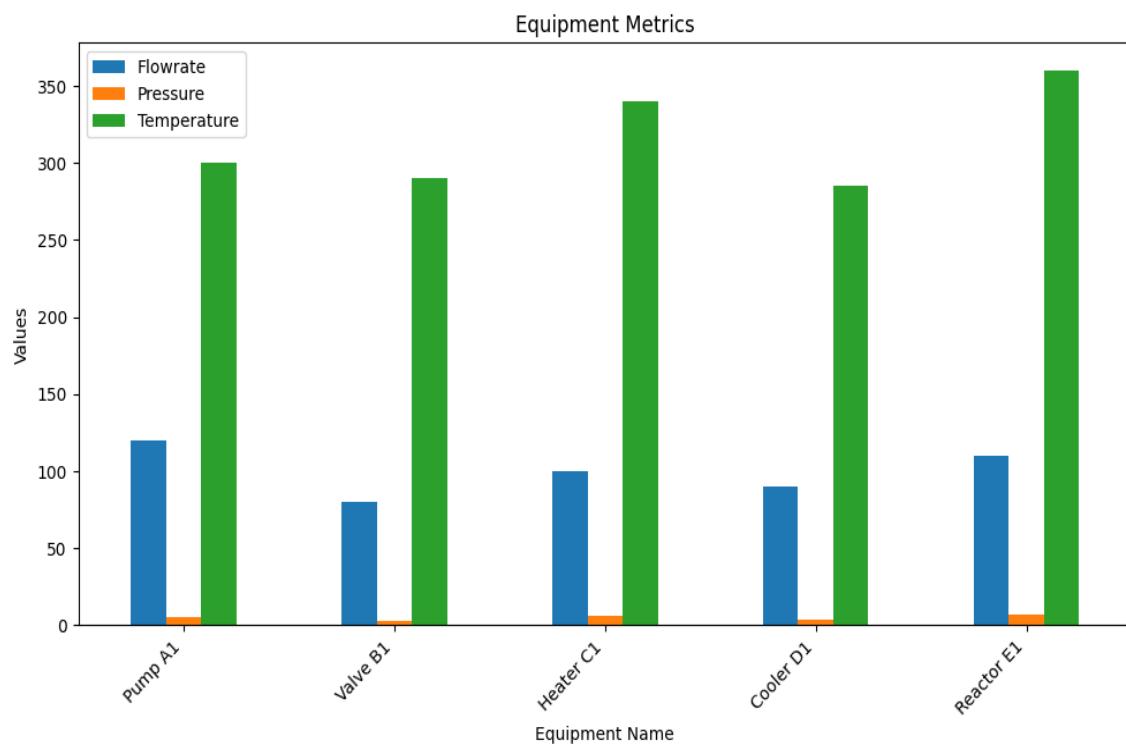
Average Pressure: **5.00**

Average Temperature: **315.00**

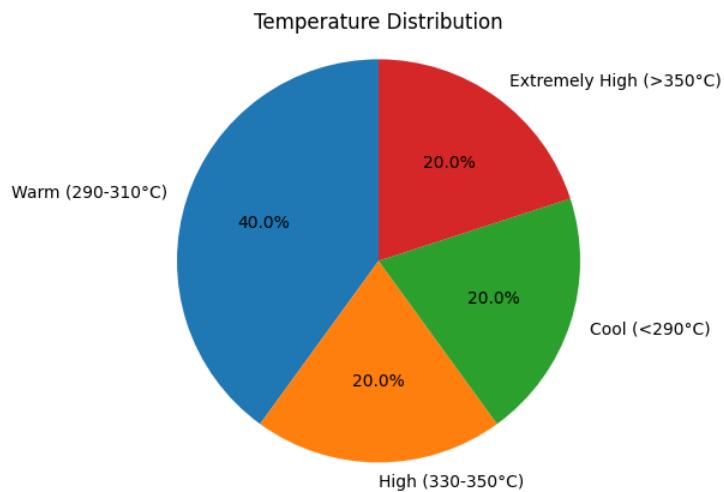
## Data Insights

- This dataset contains data for 5 pieces of equipment.
- Flowrate ranges from 80 to 120. Equipment with highest flowrate: Pump A1.
- Pressure ranges from 3 to 7. Equipment with highest pressure: Reactor E1.
- Temperature ranges from 285 to 360°C. Equipment with highest temperature: Reactor E1.

## Equipment Metrics



## Temperature Distribution



## Raw Data

Equipment Name	Type	Flowrate	Pressure	Temperature	category
Pump A1	Pump	120	5	300	Warm (290-310°C)
Valve B1	Valve	80	3	290	Warm (290-310°C)
Heater C1	Heater	100	6	340	High (330-350°C)
Cooler D1	Cooler	90	4	285	Cool (<290°C)
Reactor E1	Reactor	110	7	360	Extremely High (>350°C)