

# Chemical Equipment Parameter Report

Report generated on: 2025-11-13 21:21:26

Dataset ID: 8

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

Total Equipment Count: 5

Average Flowrate: 100.00

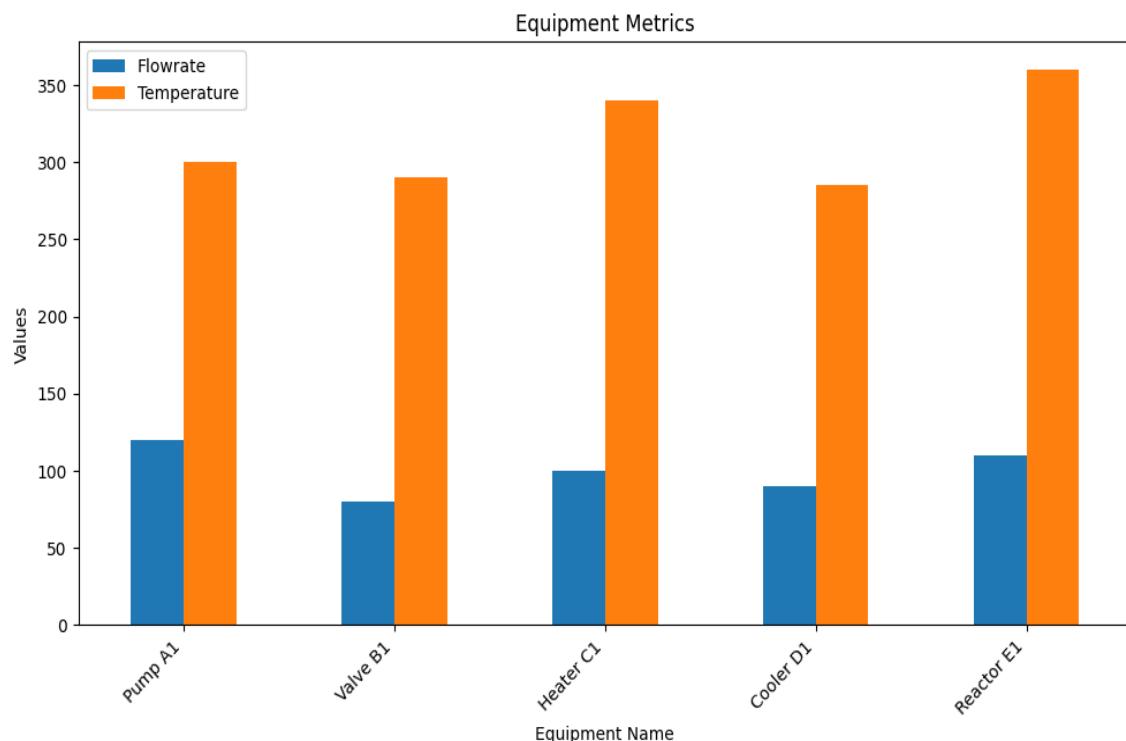
Average Pressure: 5.00

Average Temperature: 315.00

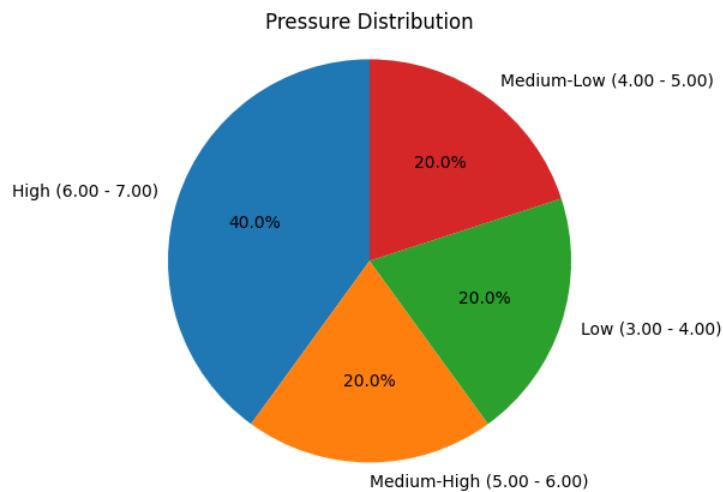
## Data Insights

- 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         | Medium-High (5.00 - 6.00) |
| Valve B1       | Valve   | 80       | 3        | 290         | Low (3.00 - 4.00)         |
| Heater C1      | Heater  | 100      | 6        | 340         | High (6.00 - 7.00)        |
| Cooler D1      | Cooler  | 90       | 4        | 285         | Medium-Low (4.00 - 5.00)  |
| Reactor E1     | Reactor | 110      | 7        | 360         | High (6.00 - 7.00)        |