

# Equipment Analysis Report

**File:** sample\_data.csv

**Upload Date:** 2026-02-03 09:05

**Total Equipment:** 15

**Average Flowrate:** 119.80

**Average Pressure:** 6.11

**Average Temperature:** 117.47

## Equipment Type Distribution

Type	Count	Percentage
Condenser	2	13.3%
Reactor	2	13.3%
Pump	4	26.7%
Valve	3	20.0%
HeatExchanger	2	13.3%
Compressor	2	13.3%

## Equipment Details

Name	Type	Flowrate	Pressure	Temp
Condenser-2	Condenser	165.0	6.9	128.0
Reactor-2	Reactor	145.0	7.2	138.0
Pump-4	Pump	130.0	5.9	119.0
Valve-3	Valve	62.0	4.2	107.0
HeatExchanger-2	HeatExchanger	155.0	6.3	132.0
Compressor-2	Compressor	100.0	8.0	98.0
Condenser-1	Condenser	160.0	6.8	125.0
Pump-3	Pump	125.0	5.3	115.0
Reactor-1	Reactor	140.0	7.5	140.0
Valve-2	Valve	58.0	4.0	102.0
Pump-2	Pump	132.0	5.6	118.0
HeatExchanger-1	HeatExchanger	150.0	6.2	130.0

Valve-1	Valve	60.0	4.1	105.0
Compressor-1	Compressor	95.0	8.4	95.0
Pump-1	Pump	120.0	5.2	110.0